# APPENDIX C

## HAZARDOUS MATERIALS REPORTS

# PHASE I ENVIRONMENTAL SITE ASSESSMENT

## 2200 NORTH ROSEMEAD BOULEVARD
## SOUTH EL MONTE, CALIFORNIA

Prepared For:
**Northgate Gonzales RE, LLC**

Prepared By:
**Ramboll US Corporation**
**Irvine, California**

Date
**July 21, 2020**

Project Number
**1690018021**

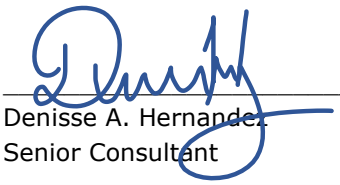
RAMBOLL

ENVIRONMENT
& HEALTH

## SIGNATURE AND ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

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



Denisse A. Hernandez
Senior Consultant

Rebekah J. Wale, PG
Senior Managing Consultant

Leo Rebele
Principal

# CONTENTS


| | | |
|---|---|---|
| **1.** | **SUMMARY OF CONCLUSIONS** | **1** |
| 1.1 | Site Summary | 1 |
| 1.2 | Recognized Environmental Conditions | 1 |
| 1.3 | Other Findings | 3 |
| **2.** | **INTRODUCTION** | **5** |
| 2.1 | Purpose | 5 |
| 2.2 | Scope of the Assessment | 5 |
| 2.3 | Significant Assumptions | 6 |
| 2.4 | Reliance and General Limitations | 6 |
| **3.** | **SITE DESCRIPTION** | **8** |
| 3.1 | Site Setting | 8 |
| 3.2 | Current Use of Site | 10 |
| 3.3 | Current Uses of Adjoining Properties | 13 |
| **4.** | **REVIEW OF PUBLIC RECORDS AND OTHER INFORMATION SOURCES** | **14** |
| 4.1 | Environmental Regulatory Database Review | 14 |
| 4.2 | Historical Uses of the Site and Adjacent Properties | 19 |
| 4.3 | Review of Local and State Agency Information | 21 |
| 4.4 | Previous Environmental Assessments and Activities | 22 |
| 4.5 | User-Provided Information | 31 |
| 4.6 | Interviews | 32 |
| **5.** | **SITE RECONNAISSANCE** | **33** |
| 5.1 | Methodology and Limiting Conditions | 33 |
| 5.2 | General Site Setting and Observations | 33 |
| **6.** | **FINDINGS, OPINION, AND CONCLUSIONS** | **38** |
| 6.1 | Findings, Opinions, and Conclusions | 38 |
| 6.2 | Analysis of Data Gaps | 41 |
| **7.** | **ASTM DEFINITIONS** | **42** |


# TABLES


| | | |
|---|---|---|
| Table 1: | Physical Setting and Utility Information | 8 |
| Table 2: | Current Use of Adjacent Properties | 13 |
| Table 3: | Summary of Environmental Database Listings for the Site | 14 |
| Table 4: | Contamination-Related Database Listings for Adjoining Properties [1] | 16 |
| Table 5: | Summary of Environmental Database Listings for Surrounding Properties | 19 |
| Table 6: | Summary of Key Observations from Historical Sources for the Site | 20 |
| Table 7: | Local Agency Information for the Site | 21 |
| Table 8: | Summary of Site Reconnaissance Observations | 33 |

## FIGURES

Figure 1: Site Location Map
Figure 2: Site Layout and Surrounding Properties

## APPENDICES

Appendix A: Site Photographs
Appendix B: Environmental Database Report
Appendix C: Historical Research Documentation
C.1: Topographic Maps
C.2: Aerial Photographs
C.3: Abstract of City Directories
C.4: Historical Fire Insurance Maps
Appendix D: Previous Environmental Reports
Appendix E: Qualifications of Environmental Professionals

# 1. SUMMARY OF CONCLUSIONS

Ramboll US Corporation (Ramboll) was retained by Northgate Gonzalez RE, LLC. (Northgate) to perform a Phase I Environmental Site Assessment (ESA) of the property located at 2200 North Rosemead Boulevard in South El Monte, California (herein referred to as the "site" or the "facility;" Figures 1 and 2). Ramboll's assessment was conducted in connection with potential purchase of the site. The objective of the Phase I ESA, which was conducted in conformance with the scope and limitations of ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E1527-13 (the "ASTM Standard") and All Appropriate Inquiries (AAI) Final Rule 40 CFR Part 312, was to identify Recognized Environmental Conditions (RECs), as defined in the ASTM Standard (see Section 2.1).

## 1.1 Site Summary

The approximately 2.06-acre (89,640 square foot) site is occupied by Ditty Container, Inc. (Ditty or Ditty Container), a company that reconditions steel drums and plastic totes, and DreamWorks Auto Center, an auto body repair shop.

The site comprised agricultural land from at least 1928 until 1948. The first commercial use of the site was for storage of construction equipment from approximately 1948 until 1959, at which time Pacific Coast Drum (PCD) developed the site and adjoining properties as a drum cooperage facility (for reconditioning of steel drums).

Ditty took over occupancy of the eastern portion of the site in 1996 and has reportedly continued similar operations as PCD performed on the site. From 1996 until the present time, various auto body shops have occupied the western portion of the site. The current owner of the auto body repair shop is DreamWorks Auto Center. Both Dreamworks Auto and Ditty lease the site from the site owner, PCD. It should be noted that Ditty also operates on the property located immediately to the north of the site at 2226 North Rosemead Boulevard (Figure 2). Additionally, the property located at 2310 N. Rosemead (presently occupied by 168 Ace Lumber and Supply), which is the subject of some of the investigations referenced in this report, was formerly occupied by PCD and was sold in 2018.

## 1.2 Recognized Environmental Conditions

Ramboll performed a Phase I ESA of the site in conformance with the scope and limitations of the ASTM Standard. Any exceptions to, or deletions from, this practice are described in Section 6.2 of this report. This assessment has revealed no evidence of RECs in connection with the site, except for the following:

- **Location of Facility within San Gabriel Valley Superfund Site**. The site is located within an area of contaminated groundwater underlying the San Gabriel Valley designated by the United States Environmental Protection Agency (USEPA) as the San Gabriel Valley Superfund site (Area 1, including the South El Monte Operable Unit), in which groundwater is contaminated with volatile organic compounds (VOCs), in particular, trichloroethene (TCE), perchloroethene (PCE), and carbon tetrachloride; perchlorate; 1,4-dioxane; and n-nitrosodimethylamine (NDMA). The San Gabriel Valley Superfund site is listed on numerous databases in the EDR, Inc. (EDR) database report. According to the EDR database report, the site (former occupant PCD) and numerous surrounding properties and other properties in the vicinity listed on the Spills, Leaks, Investigation, and Cleanup (SLIC) and Well Investigation Program Case List (WIP) databases are located within San Gabriel Valley Area 1 and are listed as potentially responsible parties (PRPs) for contributing to the groundwater contaminant plume, comprising an area of approximately 11 square miles.

Numerous subsurface investigations consisting of soil, soil vapor, and groundwater sampling were conducted in connection with the WIP at the site and adjoining properties historically occupied by PCD. The investigations revealed contamination that was determined by the Regional Water Quality Control Board – Los Angeles Region (LARWQCB) to be sourced on-site. However, site-specific cleanup actions were not required by the LARWQCB, administrator of the WIP program. As a result of PCD demonstrating stable or declining concentrations of VOCs in soil vapor, the LARWQCB did not require additional investigation or remediation work at the site. The case was closed with a no Further Action (NFA) designation on March 17, 1998 and is listed as "case closed" in the Geotracker database as of November 17, 2014. However, the closure letter made it clear that PCD was considered a PRP with regard to the South El Monte Operable Unit and was urged to continue to cooperate with USEPA's requirements.

A consent agreement between USEPA/California Department of Toxic Substances Control (DTSC) and various parties in the area (including PCD) was signed in 2012 pertaining to the South El Monte Operable Unit of the San Gabriel Valley Area 1 Superfund site**.** The consent agreement stated that contaminant concentrations exceed maximum contaminant levels (MCLs) throughout a large portion of the South El Monte Operable Unit, including areas used for sources of drinking water, and filed a complaint seeking reimbursement of response costs incurred for response action taken in connection with releases of hazardous substances in the South El Monte Operable Unit; the defendants (including PCD) entered into this agreement to protect public health but did not admit liability arising out of any previous or current releases.

Cleanup actions performed in relation to the San Gabriel Valley Area 1 Superfund site, including the South El Monte Operable Unit, are ongoing. Remediation of impacted groundwater within the area-wide plume commenced in 2008 with the installation and operation of four separate groundwater pump and treat systems. Based on the current status of the response action and the continuing use of the site as a drum recycling facility, Ramboll considers this issue to be a REC.

- **Onsite Soil, Soil Vapor, and Groundwater Contamination and Historical Industrial Uses of the Site.** Investigations conducted from the 1980s through early 2000s have revealed the presence of soil, soil vapor, and groundwater contamination at the site, which was found to consist of generally low to moderate concentrations of VOCs (specifically, chlorinated solvents) and other compounds. Detected concentrations of various compounds detected in soil, soil vapor, and groundwater exceed current regulatory thresholds.

  The site and adjoining property to the north (2226 North Rosemead Boulevard) have a long history of use as a steel drum and tote reconditioning business, which operated since 1959 by PCD and continues to operate at the site as Ditty Container. In addition, the western portion of the site has been used by auto body shops which have occupied the site since 1996. Both operations have involved the use and storage of a variety of chemicals (e.g., paints, resins, varnishes, cleaners, degreasers, etc.) and generated a variety of hazardous wastes (solvents, oils). Ramboll cannot rule out the potential that historical and current uses of the site have resulted in subsurface impacts to the site. In addition, Pacific Coast Drums/Ditty Container is listed in the Leaking Underground Storage Tank (LUST) database with a status of "Pollution Characterization" regarding solvents, with no additional information reported. Ramboll's assessment has identified the presence of several areas of environmental concern at the site, including the following: the wastewater treatment system (including three sumps/underground storage tanks [USTs] and several aboveground storage tanks [ASTs]), a 3-stage clarifier, paint storage areas, drum and tote storage areas, a waste oil storage area, areas of surficial staining, and a former hazardous waste storage area.

Because no soil, soil vapor, or groundwater sampling activities reportedly have been conducted at the site for approximately 15 - 20 years (while aforementioned industrial uses were ongoing), current subsurface conditions are not known. As a result, and because concentrations of various compounds detected in soil, soil vapor, and groundwater historically exceed current regulatory thresholds, this issue is characterized as a REC. Furthermore, the potential that on-site soil vapor concentrations present a possible vapor encroachment condition (VEC), cannot be ruled out at this time.

- **Adjoining Property Uses.** The properties to the north of the site (2226 and 2310 North Rosemead Boulevard) historically were occupied by PCD and have had documented releases of hazardous substances that impacted soil and soil vapor beneath the properties. In addition, the property located at 2128 North Rosemead Boulevard, identified as the former Chemrite facility, was found to have soil and groundwater impacts that appeared to be sourced on that property. Prior correspondence with the LARWQCB suggested that the 2128 North Rosemead Boulevard property could be a possible source of chlorinated solvent contamination detected beneath the site. Based on the long-term industrial use and known/suspected sources of contamination, these facilities are considered to present a REC in connection with the site.

## 1.3 Other Findings

Although not considered to be RECs, Ramboll identified the following notable other findings. The term "other finding" is not defined by ASTM; rather, Ramboll uses the term to connote areas of contingent risk that are not clearly defined by the ASTM Standard.

- **Sump/UST Closed-in-Place.** One 3,300-gallon sump/UST located in the southcentral portion of the site was closed in place in 2004. The sump/UST (Tank No. 3), which formerly was used to contain cooling water for the wastewater treatment system, was cleaned out in 1993 and covered with a metal plate [the Los Angeles County Department of Public Works (DPW) treated the sump as a UST for closure purposes]. In order to assess any potential subsurface impacts, soil samples were collected and analyzed for VOCs, benzene, toluene, ethylbenzene, xylenes (BTEX), and TPH. Because the historical use of the sump/UST was for a cooling water sump and results indicated only minor impacts to soil, no additional sampling was recommended by the consultant and closure was requested. Decommissioning of the sump/UST was completed on September 4, 2004 when the tank was filled with slurry and new concrete poured over concrete sump. Closure was granted by the Los Angeles DPW on September 8, 2004.
- **Wastewater Treatment System and Clarifier.** Wastewater generated from the cleaning of drums is treated in the onsite wastewater treatment system and clarifier and is subsequently discharged to the municipal sanitary sewer system. The wastewater treatment system comprises a 400-gallon wastewater sump/UST (Tank No. 2), a 1,500-gallon wastewater AST (Tank No 1), three empty ASTs, an 1,800-gallon hydrochloric acid AST, and a clarifier. Based on a visual inspection conducted during the site visit, no specific environmental concerns were noted apart from noting that the facility was old and that surface coverings were in poor to fair condition. However, during a soil gas survey conducted in the vicinity in 1991 (as described above), a "hot spot" of elevated concentrations of vinyl chloride was identified just south of the wastewater treatment system. As noted above, no sampling activities are known to have been conducted at the site for approximately 15 - 20 years. As a result, current subsurface conditions are not known. Furthermore, compliance audits reviewed under operation by Ditty revealed the potential for spillage and infiltration in the areas of surface drainage and beneath the processing areas of the facility.

- **Groundwater Monitoring Wells.** At the time of the site visit**,** Ramboll observed two monitoring wells on the southern portion of the site, MW-1 inside the waste oil storage area and MW-2 located to the south of the wastewater treatment system (it is noted that a third monitoring well associated with PCD [MW-3] referenced throughout this report was located upgradient of the site at the formerly PCD-occupied property located at 2310 North Rosemead Boulevard). The on-site wells reportedly were installed in 1988 pursuant to requirements from the County of Los Angeles DPW and subsequently were sampled several times between 1988 and 2002. The 1998 closure letter issued for the site by the LARWQCB stated that the property owner was required to maintain the wells in good condition in anticipation of possible future sampling requirements from the USEPA. However, given the length of time since the wells were in use, and as the wells present a potential conduit to the subsurface, it is recommended that they should be properly abandoned/decommissioned.
- **Asbestos, Lead-Based Paint and Universal Wastes.** Based age of the facility and likelihood of past modifications and/or additions, it is likely that asbestos and lead-based paint are present within interior and exterior building surfaces and building materials. Additionally, the facility is likely to contain universal wastes, such as light ballasts and window putty containing compounds such as polychlorinated biphenyls (PCBs). An evaluation of such materials is outside the scope of work for a Phase I ESA. However, given the size of the facility, Ramboll recommends that a pre-demolition survey for these materials be conducted in order to evaluate the potential abatement costs associated with these issues.

# 2. INTRODUCTION

## 2.1 Purpose

Ramboll was retained by Northgate to conduct a Phase I ESA of the site located in South El Monte, California. Ramboll's assessment was conducted in connection with potential purchase of the site. The purpose of the assessment was to identify RECs, which are defined in the ASTM Standard as follows:

> "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions."

## 2.2 Scope of the Assessment

Ramboll consulted the references noted below and performed the following tasks, in completion of the Phase I ESA of the site:

- A visit to the site by Denisse Hernandez of Ramboll on June 26 and 29, 2020 to observe the exterior and interior features of the site and to identify the uses and conditions specified in the ASTM Standard. In addition, Ramboll observed the adjoining properties from the site or adjacent public thoroughfares. Photographs taken during the site visit are presented in Appendix A.
- An interview during the site visit with the property manager, Mr. Gary Mearns, who has been the facility operations manager since 1993. The aforementioned individual is referred to herein as "facility personnel." The facility personnel interviewed by Ramboll was identified by the Company as having good knowledge of the uses and physical characteristics of the site.
- A review of information contained in federal and state environmental databases, as obtained from the sources noted below:
  - A radius report prepared by EDR (see Appendix B), which presents the results of searches of federal and state databases for the site, as well as properties near the site. The radius searched for each database, as well as the databases themselves, was selected in accordance with the ASTM Standard.
  - The USEPA's Envirofacts database, which provides site information contained in multiple USEPA regulatory databases.
  - The State Water Resources Control Board (SWRCB) GeoTracker database (GeoTracker), which provides information regarding groundwater assessments and cleanups.
  - The DTSC EnviroStor database (EnviroStor), which provides information regarding property investigations and clean-ups.
  - The California Geologic Energy Management Division (CalGEM) mapping system, which provides locations of oil and gas wells in California.
- A review of standard historical sources (included as Appendix C) and local agency inquiries, as defined in the ASTM Standard. The following resources were reviewed:
  - Readily available historical sources (as identified in Section 4.2 of this report and included as Appendix C) to develop a history of the previous uses of the site and surrounding area.

  - Historical and site-specific information obtained from the following local agencies: the Los Angeles County Assessor's Office (Assessor's Office), City of El Monte Building Department (Building Department), and Los Angeles County Public Works – Waste Management Division (Public Works). Additionally, Ramboll requested information from the Los Angeles County Fire Department – Health Hazardous Materials Division (Fire Department); however, the Fire Department indicated that no records were available for the site. Finally, Ramboll requested information from the Los Angeles County Public Health Investigator (PHI); however, the agency referred Ramboll to the Fire Department for records.

- Ramboll was provided with numerous environmental assessment reports, permits, audit reports, and soil, soil vapor, and groundwater analytical reports in connection with the site and the adjoining properties occupied by PCD. Key documents reviewed are summarized in Section 4.4 and are included as Appendix D. Information obtained from other documents reviewed has been incorporated into the applicable sections of this report. It should be noted that, due to the nature of the PCD operations that encompassed several properties, the environmental reports reviewed cover the address of the site (2200 North Rosemead Boulevard) as well as the other addresses occupied by PCD (2226 and 2310 North Rosemead Boulevard) that are no longer part of the drum reconditioning facility operated by Ditty.
- A review of physical setting sources, as defined in the ASTM Standard, including:
  - The current United States Geological Survey (USGS) 7.5-minute topographic map that shows the area on which the site is located.
  - Geologic, hydrogeologic, or hydrologic sources as provided in the environmental database report and in the previous environmental reports for the site, as listed above.

This assessment was conducted in accordance with the methodology specified in ASTM Standard E1527-13, as agreed upon by Ramboll and Northgate in June 2020. Asbestos and lead-based paint surveys of the site buildings were performed concurrently with the Phase I ESA, the results of which will be provided under separate cover.

## 2.3 Significant Assumptions

In conducting this review, no significant assumptions were made.

## 2.4 Reliance and General Limitations

This report has been prepared for the exclusive use of Northgate Gonzalez RE, LLC and may not be relied upon by any other person or entity without Ramboll's prior express written permission.

This report is considered current only for a period of 180 days from the site inspection. The conclusions presented in this report represent Ramboll's professional judgment based upon the information available and conditions existing as of the date of this report. In performing its assignment, Ramboll must consult publicly available information, information provided by the client, and information provided by third parties. Ramboll can neither warrant nor guarantee the accuracy or completeness of such information, however. This review is not intended as legal advice, nor is it an exhaustive review of site conditions or facility compliance. Ramboll makes no representations or warranties, expressed or implied, about the conditions of the site.

Ramboll's scope of work for this assignment did not include collecting samples of any environmental media. As such, this review cannot rule out the existence of latent conditions including contamination not identified and defined by the data and information available for Ramboll's review; however, this

report is intended, consistent with normal standards of practice and care, to assist the client in identifying the risks of such latent conditions.

Other issues considered outside the scope of the ASTM Standard and this review include regulatory compliance, asbestos, lead-based paint, radon, mold, lead in drinking water, wetlands, PCBs in building materials, cultural and historic resources, ecological resources, endangered species, and high voltage power lines. Asbestos and lead-based paint surveys were performed as a separate scope of work concurrent with this Phase I ESA report, the results of will be provided under separate cover.

# 3. SITE DESCRIPTION

## 3.1 Site Setting

The site is currently occupied by Ditty and DreamWorks Auto Center, both of which conduct commercial and light industrial activities, located at 2200 North Rosemead Boulevard in South El Monte, Los Angeles County, California. The approximately 2.06-acre (89,640 square foot) site is located approximately 13 miles east of downtown Los Angeles, California (Figure 1).

According to the Assessor's Office, the assessor's parcel number (APN) for the site is 8102-039-035.

The site is developed with an approximately 1,200-square foot building on the western side of the site, which is occupied by DreamWorks Auto Center as an auto body shop, and an approximately 11,562-square foot structure on the central portion of the site that is occupied by Ditty Container, where the refurbishing of drums is conducted (Figure 2). Other site features on the Ditty Container portion of the site include drum storage areas for both cleaned/reconditioned drums and drums ready to be reconditioned, truck trailer parking along the eastern and southeastern portions of the site, and a wastewater treatment system on the southcentral portion of the site. The primary site access is via North Rosemead Boulevard at the western site boundary. The site is fully paved with asphalt and surrounded with fencing along the exterior. There are no on-site surface water bodies.

Table 1 provides an overview of physical setting and utility information for the site.

**Table 1: Physical Setting and Utility Information**

| Conditions | Source | Description |
|---|---|---|
| **Topography** | | |
| Elevation [(AMSL (above mean sea level)] | USGS topographic map; Google Earth | Ranges from approximately 226 to 228 feet AMSL. |
| Topographic Gradient | USGS topographic map; visual observations | Relatively flat on-site, with a gentle downward slope to the southwest. Regional topography slopes gently downward to the southwest. |
| **Hydrology** | | |
| Storm Water Runoff | Visual observations | Run off discharges to the municipal storm sewer system. Water treated in the wastewater treatment system is processed in the onsite clarifier and then released into the public sanitary sewer system. |
| Nearest Surface Water Body to the Site | Google Earth; USGS topographic map | The Rio Hondo River is located approximately 2,400 feet west of the site. |
| Flood Plain | FEMA* | The site is not located within a 500-year flood zone. No incidents of flooding were reported. |

**Table 1: Physical Setting and Utility Information**

| Conditions | Source | Description |
|---|---|---|
| Wetlands | NWI*; Visual observations | There are no federally designated wetlands on-site. |
| **Geology and Hydrogeology** | | |
| Presumed Direction of Shallow Groundwater Flow | 2019 Annual Groundwater Monitoring Report** | Based on data from a 2019 groundwater monitoring report for a property located approximately 1,280 feet to the southeast of the site, groundwater flow direction was calculated to be to the south-southwest but reportedly also has been calculated to be to the south-southeast historically. |
| Depth to Groundwater | 2002 Technical Report | Based on water level measurements, shallow groundwater was encountered between approximately 32 and 34 feet below ground surface (bgs) in the onsite wells. |
| On-site Wells | Visual observations; Historical data; CalGEM | Based on the historical data and visual observations, there are two onsite monitoring wells (MW-1 and MW-2). There are no oil or gas wells onsite. |
| Nearest Groundwater Supply Wells | EDR database report | Two state-registered private or municipal wells that may be used for water supply are located between ½ and 1 mile to the southwest and southeast of the site, respectively. |
| Geologic Conditions | 1991 Soil Gas Survey report; NCSS | Site soils are described as recent and older alluvium, which includes interbedded layers of clays, silts, sands, pebbles, gravel, cobbles, and boulders.<br>NCSS classifies regional soils as "urban land," with no additional information regarding soil components and/or types provided. |
| **Site Utility Information** | | |
| Heating and Cooling Equipment | Facility personnel | Heating, ventilation, and air conditioning units are located on the rooftop of the DreamWorks Auto Center building on the western portion of the site. |
| Natural Gas Service | Facility personnel | The site is provided with natural gas service. |
| Use of Fuel Oil for Building Heat | Facility personnel | No current or former use of fuel oil reported. |
| Water Supply | San Gabriel Valley Water Department website | San Gabriel Valley Water Company. |
| Sanitary Sewer | Facility personnel | The facility discharges wastewater to the municipal sanitary sewer system. |

**Table 1: Physical Setting and Utility Information**

| Conditions | Source | Description |
|---|---|---|
| Septic Systems | Facility personnel | No identified current or former septic systems. |

Notes:

FEMA = Federal Emergency Management Agency; NCSS = National Cooperative Soil Survey; NWI = National Wetlands Inventory

* - Source was provided in the EDR database report.

** - *Annual Groundwater Monitoring Report, Ted Levine Drum Company, 1729, 1807, 1817 Chico Avenue, South El Monte*, California, dated May 24, 2019.

## 3.2 Current Use of Site

### 3.2.1 Current Operations

The site is occupied by two light industrial/commercial businesses, Ditty Container on the eastern portion of the site and DreamWorks Auto Center on the western portion of the site. Pacific Coast Drum Company owns the entire site and the adjacent property to the north located at 2226 North Rosemead Boulevard; DreamWorks Auto Center and Ditty lease their respective portions of the site from Pacific Coast Drum Ditty reconditions used plastic totes and steel drums on both the site and the 2226 North Rosemead Boulevard property and some operations are shared between the site and that property. Currently the 2226 North Rosemead property contains office space, a warehouse, and empty drum/tote storage areas associated with Ditty Container operations.

The major operations conducted at the site are described in more detail below.

Ditty Container:

The reconditioning process includes the cleaning and painting of totes and drums in the main structure on the central portion of the site. The different operations include:

- Receiving - Drums and totes to be reconditioned are received in the northern portion of the production area, which is located on the adjacent property to the north (2226 North Rosemead Boulevard). The drums and totes to be reconditioned are empty. The majority come from oil field operations and other facilities involved in the storage, generation, and/or use of petroleum products; the rest come from food grade facilities. As such, most drums and totes that come into the site for reconditioning contain oils of some kind.
- Main Processing - The cleaning process occurs on the northeastern portion of the production building on the site. Drums and totes are cleaned manually and by placing them on a conveyor belt that pass though washing and rinsing machines. This washing process uses hot water and caustic solution. The cleaning process generates a large amount of wastewater, which passes through the wastewater treatment system and clarifier located in the southcentral portion of the site where oil is separated from the wastewater before the wastewater is discharged to the sanitary sewer system. Because most drums and totes that come into the site for reconditioning contain oils, the liquid wastewater contains a significant amount of oil. In addition, excess oil removed from drums and totes prior to cleaning is stored onsite as hazardous waste pending offsite disposal.

- Finishing - Once the drums and totes are cleaned and inspected, they are painted in an onsite spray paint booth located in the western portion of the production building, then staged at other locations onsite prior to offsite sale and distribution.
- Wastewater Treatment – The facility conducts onsite wastewater treatment prior to discharging process wastewater to the municipal sewer. Wastewater generated from the cleaning of drums is routed via a drainage channel on the northern portion of the site and sumps to a wastewater treatment system and clarifier on the southcentral portion of the site. Prior to discharge to the sanitary sewer, the flow and pH of the wastewater are continuously metered and monitored. Pretreatment chemicals used in the process include hydrochloric acid for pH control. As stated above, the wastewater contains a significant amount of oil; this oil is contained and staged onsite pending offsite disposal.
- Based on site visit observations and documents reviewed for the site, hazardous materials used and/or stored (and the related wastes) by Ditty at the site include the following (in addition to general janitorial cleaning agents). Chlorinated solvents are not currently used in Ditty Container operations; facility personnel were unaware of the historical use of chlorinated solvents at the site.
  - Drum processing area
    - Antifoam (mineral oil/kerosene)
    - Sludge (ethylene glycol, lead, and copper)
    - Waste oil
  - Maintenance and Machinery Areas
    - Mineral Oil
  - Maintenance Shop
    - Oxygen difluoride (cylinders)
  - Outdoor Storage Area
    - Caustic soda beads
    - Dry mixture of organic compounds (crystalline quartz)
    - Various paints (n-propanol, n-butanol, and acetone solvent)
    - Sodium nitrate
    - Waste solids from baghouse
  - Outside Building
    - Liquid petroleum gas (cylinders)
  - Paint Storage Area
    - Acetone
  - Water Treatment Area
    - Sodium nitrate
    - Muriatic acid

<u>DreamWorks Auto Center</u>

- DreamWorks Auto Center performs automotive body repair work and painting in a spray paint booth. DreamWorks Auto Center shares space with the adjoining property to the north of the site at 2212 North Rosemead Boulevard and the spray paint booth and paint and solvent storage area for the DreamWorks Auto Center are located on that property. No engine repairs or oil changes are conducted onsite. DreamWorks Auto Center chemical use at the site (in addition to general

janitorial cleaning agents) include various oils, slippage agents, paints, thinners, and degreasers. Chlorinated solvents are not currently used in Ditty Container operations; facility personnel were unaware of the historical use of chlorinated solvents at the site.

### 3.2.2 Waste Management

Hazardous waste currently generated at the site includes oily wastewater which is generated from the cleaning of drums as described in Section 3.2.1. Ramboll observed six 550-gallon totes containing oily wastewater within secondary containment on the northern portion of the site and in the waste oil storage area on the southern portion of the site. Although minor staining was observed in these areas, the pavement appeared to be in good condition and no stains appeared to reach drains. Facility personnel indicated that the wastewater is transported for offsite disposal.

Nonhazardous waste generated at the site consists of general trash. General facility trash is collected in an on-site covered dumpster owned by United Dumping Services, Inc. pending offsite removal and disposal by Waste Management. The dumpster is positioned on pavement in the northern portion of the site.

### 3.2.3 Wastewater and Storm Water

Sanitary wastewater, which includes wastewater from bathroom and sink areas, and wastewater generated from drum cleaning operations performed by Ditty Container, is discharged into the municipal sanitary sewer system. Wastewater generated from the drum cleaning process is treated in the wastewater treatment system where excess oil is separated from the water in the onsite clarifier before its discharge into the public sewer system.

Storm water at the site runs off into the street on North Rosemead Boulevard from where it drains into the municipal storm sewer system.

### 3.2.4 Air Emissions

Based on field observations, air emissions at the site consist primarily of particulate matter (PM) and VOCs from fumes from spray booths and combustion products from the facility's natural gas-powered boilers and comfort heating system. South Coast Air Quality Management District (SCAQMD) records reviewed online on the Facility Information Detail (F.I.N.D.) website (https://xappprod.aqmd.gov/find) for the site, listed various active permits for Ditty to operate solvent and high-water paint, permits to operate boiler with natural gas, and other permits to conduct activities related to the refurbishing of drums.

## 3.3 Current Uses of Adjoining Properties

The site is located in a mixed commercial/light industrial and residential land use area. The nearest residential areas are located adjacent to the site to the south. Based on discussions with facility personnel, Ramboll's visual observations from the site boundary and public rights-of-way, and a limited review of publicly available information, a general evaluation of the current use of adjacent properties was developed, as described Table 2.

**Table 2: Current Use of Adjacent Properties**

| Direction | Property/Land Use | Ramboll's Observations |
|---|---|---|
| North | Ditty Container, Inc. | In addition to the site, Ditty Container operates on the adjoining property to the north at 2226 North Rosemead Boulevard, where some of the associated drum reconditioning operations are conducted. Currently the 2226 North Rosemead property contains office space, a warehouse, and empty drum/tote storage areas associated with Ditty Container operations . |
| East | Commercial and light industrial businesses (Hai Yuan Sea Food Products and House of Graphics) | No environmental concerns were noted. |
| South | Commercial (John B. Moore Corp. Western/Chemrite and Rosemead Auto Recycler) and mobile home park | No environmental concerns were noted based on field observations. However, the John B. Moore Corporation property is listed as "Open—inactive" status in the Cleanup Program Sites - Spills, Leaks, Investigations, and Cleanups (CPS-SLIC) database, as described in the ensuing sections of this report. |
| West | Beyond North Rosemead Boulevard, commercial businesses (Title Depot, Highway Machinery, Inc.) | No environmental concerns were noted. |

Notes:

During the site visit, Ramboll walked or drove by the borders of these properties that are adjacent to the site. Ramboll did not enter the neighboring properties.

# 4. REVIEW OF PUBLIC RECORDS AND OTHER INFORMATION SOURCES

## 4.1 Environmental Regulatory Database Review

Ramboll contracted with EDR in June 2020 to prepare a summary of listings in federal and state agency databases for the site and facilities within applicable radii of the site, as specified by the ASTM standard.[1] A copy of the EDR database search report is presented in Appendix B.

### 4.1.1 Database Review for Site

Ramboll reviewed the results of the state and federal environmental database searches performed by EDR (see Appendix B) and also reviewed information available in the California GeoTracker and EnviroStor databases. According to the EDR database report, the site is located in an "area of concern" designated by the LARWQCB as such as a result of historical industrial uses in the site vicinity and PCE and TCE releases that have impacted groundwater. The site is also listed as being within the San Gabriel Valley Superfund site (Area 1) and is listed on several environmental databases, as discussed in Table 3.

**Table 3: Summary of Environmental Database Listings for the Site**

| Summary of Information Contained in Database | Ramboll's Comments |
|---|---|
| The site is listed as being located within Area 1 of the San Gabriel Valley Superfund site. The San Gabriel Valley Superfund site is listed on the National Priorities List (NPL) (as of May 1984), Superfund Enterprise Management System (SEMS), Engineering Controls Sites List (US ENG Controls), Record of Decision (ROD), Potentially Responsible Party (PRP), and Superfund (CERCLA) Consent Decrees (Consent) databases for a plume of groundwater impacted with TCE, PCE, and carbon tetrachloride at concentrations exceeding regulatory thresholds. The groundwater plume is approximately 4 miles long by 1.5 miles wide and is present along the axis of the Rio Hondo Wash and the Sand Pit Wash and parallels the San Gabriel River.<br><br>Remediation of impacted groundwater within the area-wide plume commenced in 2008 with the installation and operation of four separate groundwater pump and treat systems. According to the *First Five-Year Review Report for San Gabriel Valley Area 1 Superfund Site*, *South El Monte Operable Unit (SEMOU, OU5), Richwood Operable Unit (ROU, OU3), Suburban Operable Unit (SOU, OU4), Whittier Narrows Operable Unit (WNOU, OU2), and El Monte Operable Unit (EMOU, OU1, OU08, and OU09)* (the most recent Five-Year Review report available on USEPA's website), prepared by the USEPA, and dated September 11, 2013, PCE was detected in the closest well to the site (SEMMW05; located approximately 1,000 feet to the northeast of the site) at a concentration of 96 µg/l in the upper intermediate aquifer and at a concentration of 67 µg/l in the intermediate aquifer in 2012. No current groundwater monitoring data were available for review on the USEPA website. According to | This issue is discussed further in the ensuing sections of this report. |

[1] EDR uses the term "radii" to refer to the ASTM terminology "approximate minimum search distance" in the environmental database report.

**Table 3: Summary of Environmental Database Listings for the Site**

| Summary of Information Contained in Database | Ramboll's Comments |
|---|---|
| the First Five-Year Review report, USEPA was in the process of conducting a vapor intrusion investigation at and near source areas throughout Area 1 at that time, an evaluation that was anticipated to take three years to complete. The results of the vapor intrusion investigation also were not available for review on the USEPA website. | |
| Pacific Coast Drums is listed in the Statewide Environmental Evaluation and Planning System and Underground Storage Tank (SWEEPS UST UST) databases and lists three tanks onsite. The Cleanup Program Sites - Spills, Leaks, Investigations, and Cleanups (CPS-SLIC) database lists the site with a "Completed – Case Closed" status as of 11/17/2014 as part of the cleanup program. The Recovered Government Archive (RGA)[1] Leaking Underground Storage Tank (LUST) database lists the site but with no additional information. Additionally, the site is listed in the Hazardous Waste Manifests (HAZNET) database as generating the following waste in the mid-1990s: adhesives, waste oil and mixed oil, paint sludge, sludge waste, and other organic solids.<br><br>Pacific Cost Drums/Ditty Container is listed in the California Environmental Reporting System (CERS), CERS Hazardous Waste, and Resource Conservation and Recovery Act – Small Quantity Generator (RCRA-SQG) databases as a hazardous waste generator; no violations were reported. Pacific Cost Drums/Ditty Container is also listed in the LUST database with a status of "Pollution Characterization" regarding solvents, with no additional information was reported. Pacific Coast Drums/Ditty Container is listed in the RCRA Non-generator/NLR database as a non-generator, with no violations listed. The Integrated Compliance Information System (ICIS) database lists Pacific Cost Drums/Ditty Container as having various administrative enforcement actions in 2003, 2004, and 2008 due to air quality concerns but no additional information was provided.<br><br>Certified Auto Collision is listed in the Historical (HIST) UST database with no additional information. The HAZNET database lists the site as generating the following waste: waste oil in 2000 and 2001, and unspecified solvent in 1999, 2001, 2002, and 2003.<br><br>Ranz Motor Sports is listed in the Facility Index System/Facility Registration System (FINDS) database as a body and upholstery repair shop and paint shop. The business was listed as being part of the hazardous waste program in 2013. The Hazardous Waste Tracking System (HWTS) and HAZNET databases list the business as generating the following wastes: unspecified solvents in 2006; unspecified organic liquids in 2008; unspecified solvents in 2009; and oxygenated solvents (acetone butanol, ethyl acetate) in 2011.<br><br>DreamWorks Automotive is listed in the RCRA Nongen/NLR database as a non-generator, no violations were listed. | Although the site is listed in the CPS-SLIC database, the case was closed with no Further Action Letter dated March 17, 1998 and is listed as case closed in the Geotracker database as of November 17, 2014.<br><br>The open LUST database with a status of "Pollution Characterization" remains open with no other information provided. |

| Table 3: Summary of Environmental Database Listings for the Site | |
|---|---|
| **Summary of Information Contained in Database** | **Ramboll's Comments** |
| Notes:<br>* The site is also listed on the following databases related to regulatory compliance: HWTS, Environmental Compliance History Online (ECHO), Historical CORTESE, and Air Emissions (EMI). Listings on these databases, by themselves, are not necessarily indicative of contamination.<br>The database search report includes listings for past site occupants that may indicate past use or storage of chemicals or petroleum products.<br>[1] The RGA databases are EDR proprietary databases that identify prior versions of the database in which a property is listed. | |

### 4.1.2 Database Review for Adjoining Properties

Based on a review of the EDR database search report, Ramboll identified the adjoining properties listed in Table 4 on databases indicative of a potential contamination concern.

| Table 4: Contamination-Related Database Listings for Adjoining Properties [1] | | |
|---|---|---|
| **Listing Name or Address and Location Relative to the Site** | **Summary of Information Contained in Database** | **Ramboll's Comments** |
| L.G.M Company<br>2211 Chico Avenue<br>(Adjoining to the east) | The property is listed in the Historical UST database as historically having one tank containing product (unspecified). The property is also listed on the SWEEP UST, Los Angeles County Hazardous Materials System (Los Angeles Co. HMS), CERS, and WIP databases. The CERS database lists the property as a chemical storage facility, with various administrative violations noted for not having/submitting a hazardous material business plan. Other pertinent information was not provided. | Based on the listings, this information does not represent a contamination concern to the site. |

**Table 4: Contamination-Related Database Listings for Adjoining Properties [1]**

| Listing Name or Address and Location Relative to the Site | Summary of Information Contained in Database | Ramboll's Comments |
|---|---|---|
| John B. Moore Corp. Western/Chemrite Corporation/Moore John Corporation<br>2128 N Rosemead Blvd<br>(Adjoining to the southwest) | The property is listed in the SWEEPS UST, Los Angeles Co. HMS, WIP, CPS-SLIC, Historical UST, EMI, ENF, RCRA-SQG, FINDS, and CERS databases. The property is part of the CPS-SLIC Cleanup Program but with a status of "Open-Inactive." Two product tanks (unspecified) were reported to be onsite. A notice of violation was listed in 1999 for not submitting a preliminary groundwater investigation workplan. No other pertinent information was provided.<br>Based on information provided on Geotracker, a groundwater sample was collected beneath the property on June 2002 and groundwater was encountered at approximately 55 feet bgs. Compounds detected in groundwater included: 1,4 dioxane with a concentration of 1.1 µg/l, slightly exceeding the LARWQCB's notification level of 1 µg/l and total chromium at a concentration of 42 µg/l, as compared to the MCL of 100 µg/l. Hexavalent chromium and perchlorate reported non-detect concentrations. | The database lists the property with an "Open—inactive" status in the CPS-SLIC database. Based on this listing, and additional information available for this property from the environmental records provided to Ramboll in connection with the LARWQCB file, this property presents a potential environmental concern to the site due to its proximity to the site (adjacent, immediately downgradient). |
| Rosemead Machinery<br>2129 N Rosemead Blvd<br>(Adjoining to the west) | The property is listed in the WIP database with no additional information. | This listing alone does not represent an environmental concern to the site. |
| Pacific Coast Drums<br>2112 N Rosemead Blvd<br>(Adjoining to the north-northwest) | The property is listed in the HAZNET and HWTS databases as generating asbestos-containing waste in 2015. No other information is provided. | These listings alone do not represent an environmental concern to the site. |
| Rosemead Truck Tire<br>2118 N Rosemead Blvd<br>(Adjoining to the west) | The property is listed in the EMI and WIP databases with no pertinent information available. | These listings alone do not represent an environmental concern to the site. |

**Table 4: Contamination-Related Database Listings for Adjoining Properties [1]**

| Listing Name or Address and Location Relative to the Site | Summary of Information Contained in Database | Ramboll's Comments |
|---|---|---|
| Ditty Container Inc.<br>2226 N Rosemead Blvd<br>(Adjoining to the north) | The property is listed in the Los Angeles Co. HMS, CIWQS, CERS, EMI, NPDES, CERS Hazardous waste, WDS, FINDs, and UST databases. This property is listed as an industrial machinery and equipment facility, with an industrial facility storm water permit. Various administrative violations were reported for not submitting annual reports, not implementing spill prevention control measures, as well as for poor housekeeping practices, failure to provide secondary containment to storage containers, maintaining proper information regarding chemicals to manage waste accordingly, failure to separate incompatible materials, failure to determine if wastes generated were hazardous waste by using generator knowledge or applying testing method. The property is also listed as a hazardous waste generator and as having above ground petroleum storage tanks; however, the number of tanks is not listed. Other pertinent information was not provided. | These listings alone do not represent an environmental concern to the site. |

Notes:

[1] Ramboll's analysis of adjoining properties was based on observations made during the site reconnaissance (as discussed in Table 2) and location information for off-site listings as presented in the database report. Also, for purposes of this analysis, Ramboll considers as "adjoining" properties that are adjacent, even if separated by a road or other physical barrier. Ramboll has not included a discussion of compliance-related databases in this table, as Ramboll considers it unlikely that off-site properties listed on compliance-related databases without indication of a release or chemical mishandling represent a potential risk for contamination to the site.

### 4.1.3 Database Review for Other Surrounding Properties

Ramboll has identified a number of non-adjoining properties that represent a potential contamination concern to the site due to past releases on these properties and possible migration onto the site, as detailed in Table 5.[2]

[2] In its evaluation, Ramboll considered only non-adjoining properties listed on databases indicative of contamination, with open status, located potentially upgradient of the site to represent a potential risk for contamination to the site (as the issuance of regulatory closure suggests that impacts to the site from the noted off-site property are unlikely).

**Table 5: Summary of Environmental Database Listings for Surrounding Properties that Represent a Potential Contamination Concern**

| Listing Name or Address and Location Relative to the Site | Summary of Information Contained in Database | Ramboll's Comments |
|---|---|---|
| Various historical and recent Dry Cleaners<br>(2411 & 2461 Chico Avenue) | A number of properties are listed on EDR's Historical and Recent Dry Cleaners databases as locations having conducted dry cleaning operations, with no other information provided. | These properties are not listed on other databases indicative of a release(s). |
| Monterey Casket Co., Inc.<br>2461 Chico Ave<br>(807 feet northeast of the site) | THE CPS-SLIC database lists this property with an "Open – Inactive" status as of 10/29/2014 and as part of the cleanup program site. No other pertinent information is provided. | Due to the distance from this property to the site, and the inactive status of the listing, this property does not appear to present a significant environmental concern to the site. |
| American General Business System<br>2430 Chico Ave<br>(1,066 feet northeast of the site) | THE CPS-SLIC database lists this property with an "Open – Inactive" status as of 10/29/2014 and as part of the cleanup program site. No other pertinent information is provided. | Due to the distance from this property to the site, and the inactive status of the listing, this property does not appear to present a significant environmental concern to the site |

The database report indicates that poor or inadequate address information was available for three properties located in the vicinity of the site; therefore, these properties could not be readily mapped by EDR. Because the location of these properties with respect to the site could not be evaluated, Ramboll is limited in its ability to express an opinion regarding the potential for impact to the site from these properties. It was beyond the scope of this review to accurately locate each of the unmapped properties identified by EDR; however, Ramboll reviewed the list of unmapped properties and verified that none appeared to be adjacent to the site.

## 4.2 Historical Uses of the Site and Adjacent Properties

### 4.2.1 Past Uses of the Site

The site was agricultural land from at least 1923 until 1948. The first commercial use of the site was for storage of construction equipment from at least 1948 until 1959, when Pacific Coast Drum first occupied the entire site (and adjacent property to the north) for reconditioning of steel drums. Ditty took over occupancy of the eastern portion of the site in 1996 and has continued similar operations as PCD performed until the present time.

From 1996 until the present time, various auto body shops have occupied the western portion of the site.

A summary of Ramboll's key observations from the available historical sources is presented in Table 6.

**Table 6: Summary of Key Observations from Historical Sources for the Site**

| Historical Source | Key Observations Regarding Site History |
|---|---|
| Aerial Photographs<br>(1928, 1938, 1948, 1952, 1964, 1977, 1979, 1983, 1989, 1994, 2002, 2005, 2009, 2012, 2016)<br>Satellite Imagery [1]<br>(1994 to 2019) | The site appears as agricultural land from 1928 until at least 1948 when a rectangular structure is first observed on the western portion of the site. By 1964, a small structure and parking area are observed on the western portion of the site, and a bigger structure has been constructed expanding the original rectangular-shaped structure; from 1964 until 1983 the structure continued to expand. From 1983 to present, the structure on the eastern portion has remained the same. Starting in 2005, two canopy areas are observed on the western portion of the site. |
| Topographic Maps<br>(1984 to 2012) | No development or specific structures are depicted at the site from 1984 through 2012. By 1923, Rio Hondo Avenue to the west and Rush Avenue to the south are visible; a few scattered structures are observed to the east and southeast of the site. By 1948, the areas to the west, north, and east appear developed; Rio Hondo Avenue is now North Rosemead Boulevard. |
| City Directory Abstracts<br>(1920, 1921, 1923-1940, 1942, 1944-1952,1954-1958,1960-1972, 1975, 1976, 1980, 1981, 1985, 1986,1990, 1991, 1992, 1994, 1995, 1996, 1999, 2001, 2000, 2003, 2004, 2006, 2009, 2014) | The occupants of the site are listed as:<br>• Gene S Cooperage Co South El Monte (1981, 1986, 1990);<br>• Pacific Coast Drum Co South EL Monte (1981, 1986,1990)<br>• Genes Cooperage Co, Pac Coast Drum DBA Gene S Cooperage Co, Genesco Steel Drum Co (1985);<br>• Genesco Steel Drum Co South El Monte (1986, 1990);<br>• Genesco Steel Drum Co (1994)<br>• A&D Auto Body Incorporated, V United Auto Transport Incorporated (1999)<br>• Certified Auto Collision Inc (1999, 2004)<br>• JV Auto Sales, Lokwerkz, Custom, Fabrications (2006)<br>• Lokwerks Custom Fabrications, Phils Certified Auto Center (2009)<br>• Ranz Motorsports (2014) |

Notes:

[1] In addition to aerial photographs provided by EDR, Ramboll viewed historical satellite imagery provided via Google Earth and www.historicaerials.com. Printed copies were not obtained, and imagery dates were not independently verified.

EDR reported that Sanborn fire insurance map coverage is not available for the site.

### 4.2.2 Past Uses of Adjacent Properties

The site vicinity appears as agricultural land prior to 1923. By 1923, Rio Hondo Avenue to the west and Rush Avenue to the south are visible, and a few scattered structures are observed to the east and southeast of the site. By 1948, the areas to the west, north, and east appear developed; Rio Hondo Avenue is now North Rosemead Boulevard.

## 4.3 Review of Local and State Agency Information

Ramboll visited or otherwise contacted local governmental agencies and regulatory bodies for information relating to the site. An overview of the findings of this review is presented in Table 7.

**Table 7: Local Agency Information for the Site**

| Agency Contacted/ Document Reviewed | Information Obtained |
|---|---|
| Los Angeles County Assessor's Office (Assessor's Office) | Based on information available online from the Assessor's Office, the site consists of one parcel with Assessor's Parcel Number (APN) 8102-039-035. The primary address for the parcel is listed as 2200 North Rosemead Boulevard, and the property type is listed as "commercial/industrial." Building improvements listed at the site include one 1,200 square foot building constructed in 1962 and one 11,562 square foot building constructed between 1948 and 1954. |
| City of South El Monte Building Department (Building Department) | Ramboll received and reviewed records from the Building Department related to the site dated between 1959 through 2019. Key documents included:<br>• A 1959 permit application to build a shelter for a drum cleaning plant.<br>• A 1962 permit application to build an area for cleaning of drums.<br>• A 1981 permit application to cement foundation for a furnace.<br>Other documents reviewed pertained to building upgrades and tenant improvements. |
| Los Angeles County Public Works – Waste Management Division (Public Works) | Ramboll received records from Public Works related to the site. These included permits/registrations, inspections, testing records, reports, and correspondence dated from 1984 through 1995. Key documents reviewed included:<br>• An official Registration Form for a Hazardous Substance Storage Statement in 1984 for a 12,000-gallon single walled gasoline UST.*<br>• An official Registration Form for a Hazardous Substance Storage Statement in 1984 for a 1,500-gallon alkaline cleaning solution sump (installed 1976); 400-gallon alkaline cleaning solution sump (installed 1976); and a 3,300-gallon water, ash, and sludge sump/UST (installed 1980).<br>• A permit application (undated) to operate the following USTs: 1,500-gallon alkaline cleaning solution UST (installed 1976 and listed as a sump); 400-gallon alkaline cleaning solution sump/UST (installed 1976); and 3,300-gallon water, ash sludge sump/UST (installed 1980).<br>• A permit application for an existing UST in 1985 with no other information provided.<br>• Application for Closure in 1986 of a 12,000-gallon gasoline UST.*<br>• A Site Integrity Report dated September 29, 1986 (Closure Permit No. 1862-B) for the removal of the 12,000-gallon gasoline UST in September 1986. The report described the tank removal, tank inspections, and soil sampling. Two soil samples were collected and analyzed for total petroleum hydrocarbons (TPH). The two soil samples reported non-detect concentrations.<br>• A "no further action" letter from the County of Los Angeles, Department of Public Works, dated October 6, 1986 regarding the 12,000-gallon UST removal (Closure permit 1862-B).* |

**Table 7: Local Agency Information for the Site**

| Agency Contacted/ Document Reviewed | Information Obtained |
|---|---|
| | • A 1989 letter from Public Works, referring the case (unspecified) to the Regional Water Quality Control Board as a result of contamination at the site.<br>• A 1995 letter from the LARWQCB requesting soil vapor sampling around the areas of the USTs and clarifier associated with the wastewater treatment system on the southern portion of the site.<br>Key reports identified in the records are discussed in Section 4.4. |
| Los Angeles County Fire Department – Health Hazardous Materials Division (Fire Department) | Ramboll requested information from the Fire Department; however, the Fire Department indicated that no records were available for the site address. |
| Los Angeles County Public Health Investigator (PHI) | Ramboll requested information from PHI; however, the agency referred Ramboll to the Fire Department. |
| City of South El Monte Industrial Waste Department | Ramboll received and reviewed records from the City of South El Monte related to the site. These included wastewater discharge permits, inspections, testing records, and records of violations. Key documents included:<br>• A 1980 Notice of violation (NOV) for discharge of wastewater with chlorinated hydrocarbons or organic phosphorous type compounds.<br>• A 1981 NOV for discharge of wastewater with high metal concentrations.<br>• A 1990 NOV for: a) discharge of wastewater with nonbiodegradable oil and petroleum oil and (b) discharge of wastewater with high lead concentrations.<br>• A 2005 NOV for discharge of wastewater with excessive heavy metal concentrations, specifically zinc with a concentration of 33 milligrams per liter (mg/l) (maximum permit level allowed 33 mg/l).<br>• A 2006 and 2007 NOV for discharge of wastewater with high pH levels exceeding permit limits. |

Notes:

*Although a 12,000-gallon gasoline UST is listed as being located on the 2200 N Rosemead address, it is located on the 2226 North Rosemead property adjacent to the north of the site.

mg/l – milligrams per liter.

## 4.4 Previous Environmental Assessments and Activities

Ramboll was provided with numerous environmental assessment reports, permits, audit reports, and soil, soil vapor, and groundwater analytical reports in connection with the site and the adjoining properties occupied by PCD. Key documents reviewed are summarized below and are included as Appendix D. Information obtained from other documents reviewed has been incorporated into the applicable sections of this report. It should be noted that, due to the nature of the PCD operations that encompassed several properties, the environmental reports reviewed cover the address of the site (2200 North Rosemead Boulevard) as well as the other addresses occupied by PCD (2226 and 2310

North Rosemead Boulevard) that are no longer part of the drum reconditioning facility operated by Ditty.

- **1981 Official Notice, County of Los Angeles Department of Health Services, March 25** – Official Notice directing PCD to "*Discontinue all deposits of chemical and other hazardous materials on the ground in the empty drum storage area. Eliminate all contaminated material from your premises. Present a clean-up plan and state how future spills will be controlled.*" Report cites "*Extensive spillage of hazardous chemicals on the ground in the empty drum storage a yard.*" Report indicates that raw materials include sodium hydroxide, L.15 Product, epoxy-modified phenolic, and drum enamel. Disposal method indicated is "*run through settling tanks. Over-flow discharged into sewer (San District) under permit. Sludge pumped by Chandler & Ogden Disposal. Wet sludge stored in bins and picked up by El Monte Disposal Co and manifested to BKK landfill*."
- **1981 Results of Soil Sampling of Drum Storage Areas, Associated Laboratories, August 14 -** Associated Laboratories performed a survey of the area where drums were stored at the site prior to being cleaned and recycled**.** The storage area was divided into five sections for sampling purposes: (1) a drum storage area that had been used since 1975 to store drums that had been used for food storage, (2) a drum storage area for drums historically used to store chemicals (paint, resin, varnish), (3) a drum storage area used since 1971 where drums formerly contained chemicals such as paints and perfumes, and food products, (4) an area used by "L. Rubin" (no other information provided), and (5) an area used for drum storage of food products (not accessible during sampling). Composite soil samples collected from the surface to 1.5 feet bgs and were laboratory-analyzed for a suite of chemicals listed by the USEPA Protocols (Federal Register, Vol 45, No. 98, 5/19/80, Pages 33127 et seq.) for evaluating hazardous wastes including metals, organics (including dieldrin, lindane, methoxychlor, toxaphene, 2,4-dichlorophenoxyacetic acid, 2,4,5-trichlorophenoxyacetic acid but excluding volatile organic compounds), and PCBs. Elevated concentrations of the listed constituents were not reported, except for low detections of PCBs (non-detect to 29 mg/kg) in areas of chemical storage but at concentrations below screening levels. At the time, a screening threshold for PCBs in soil had not been established and as a result, the screening threshold of 50 mg/kg for transformer oil was used for comparison purposes. However, a screening threshold for PCBs in soil assuming commercial/industrial land use has now been established with a DTSC-SL[3] of 0.58 mg/kg and as such, the maximum detected concentration of 4.38 mg/kg exceeds the PCB screening level for soil.
- **1981 Letter, Pacific Coast Drum Company, Drum Storage, Conservtech, September 17 –** Report to Los Angeles County DPW providing the results of the Associated Laboratories independent soil sampling activities and procedures implemented to address the concerns of the 1981 Official Notice. Conservtech had the following conclusions: "*a) there appears to be no deposits of chemical or hazardous materials on the ground in the empty drum storage area; b) there was no evidence that contaminated materials mentioned in your official Notice No. 2257 needed to be removed from the premises; c) PCD has instigated an effective program for containment and disposal of any accidental spills*."

[3] Human Health Risk Assessment (HHRA) Note Number 3, DTSC Modified Screening Levels (DTSC-SLs), Updated April 2019.

- **1988 LDP/TMP Interim Report, Conservtech, December 5** - Report issued by PCD's consultant to Los Angeles County DPW as a status update on the LDP portion of the program under the tanks program. Conservtech oversaw the completion of three soil borings and the installation of two monitoring wells (MW-1 and MW-2). Conservtech concluded that the analysis of soils " *do not indicate that the underground tanks at this property have created problems in the subsurface*" and that "*concentrations of TPH, toluene, total xylenes and ethylbenzene….have been found to be substantially below the guidelines [of the Leaking Underground Fuel Tank Manual].*"
- Conservtech also stated that the compounds found occur near the surface and that there is a 15-foot separation between those compounds detected in the soil and the water table. Conservtech then states that concentrations of several of the compounds found in the groundwater samples were not found in soils immediately above the water table and that those compounds have reached the water table from a source other than the underground tanks at this site. The report also copies the LARWQCB indicating that it was done "*in accordance with earlier discussions with the LARWQCB and the Waste Management Division.*"
- **1989 LACDPW Site Investigation Report, August 7 –** referral of the site to the LARWQCB with the box checked "*There is significant contamination at this site…we are referring the matter to the State Water Quality Control Board*".
- **1990 LARWQCB Correspondence, March 29 –** Letter to PCD citing that TPH was "*pervasive to forty feet…in soil borings performed in October 1988.*" Groundwater beneath the site was reported to be impacted by methylene chloride, trans-1,2-dichloroethylene, TCE, toluene, PCE, 1,4-dichlorobenzene, 1,2-dichlorobenzene, benzene, cis-1,3-dichloropropene, chlorobenzene, ethylbenzene, and a variety of trihalomethanes. LARWQCB states "*many of these compounds are not common groundwater contaminants and may be emanating from the confirmed soil contamination at your facility.*" The report references a March 22, 1990 inspection by LARWQCB staff where the following areas of concern were noted: 1)integrity of the waste clarifier or collection sump, 2) a drainage trench at the north edge of the open drum reconditioning area which drains runoff from the operation to the street, possibly "*acting as a conduit to soils, groundwater and surface waters*," 3) an outlet pipe from the southwest bermed area surrounding the compressor drains overflow from the compressor and sump to open soils under the conveyor, possibly impacting soils and groundwater, and 4) "empty" drums awaiting reconditioning are stored on asphalt paving or on open ground. A work plan was required to be prepared to determine if these areas of concern have impacted groundwater.
- **1990 Subsurface Investigation/Ground Water Monitoring Program, Conservtech, May 22 -** In response to a March 29,1990 letter from the LARWQCB requesting additional site investigation, Conservtech sampled existing monitoring wells MW-1 and MW-2. The LARWQCB's request followed a site visit it conducted on March 22, 1990 to identify possible sources of contamination to regional groundwater. MW-1 and MW-2 were first installed in 1988, as noted above. Results were as follows: nondetectable concentrations of BTEX, 8 to 20 µg/l TCE in MW-2, and a maximum concentration of 100 µg/l PCE in MW-2.
- **1990 Groundwater Results Report, Conservtech, July 16 -** Monitoring wells MW-1 and MW-2 were sampled and the results indicated 2,900 to 3,500 µg/l hydrocarbons in MW-2, nondetectable concentrations to 10 µg/l PCE in MW-2, 2 to 10 µg/l TCE concentrations in MW-2, nondetectable to 2 µg/l benzene concentrations in MW-2, and nondetectable to 3 µg/l toluene concentrations in MW-2.

- **1990 LARWQCB Correspondence, July 13 –** Review of work plan for installation of upgradient monitoring well (MW-3) and requiring soil vapor survey before commencing with the soil boring program proposed in the referenced July 6, 1990 work plan.
- **1990 Well Investigation Program Letter, Conservtech, October 1 -** On August 21, 1990, Conservtech conducted a site investigation, during which upgradient monitoring well MW-3 (installed on the property formerly operated by PDC and now property to the north of the site) was installed to a depth of approximately 55 feet bgs (it is noted that the parcel on which this well was installed is not part of the current site). Depth to groundwater was measured at 34.5 feet bgs. Soil samples were collected at 2.5, 5, 10, and 30 feet and analyzed for TPH (hydrocarbon range not provided). Soil samples reported nondetectable concentrations of TPH and BTEX, non-detect to 900 µg/kg methyl chloride, and non-detect to 780 µg/kg 1,2-dichloroethane (DCA). Groundwater concentrations reported maximum TCE concentrations of 37 µg/l, 91 µg/l PCE, 180 cis-1,2 dichloroethene (DCE), and 9.1 µg/l vinyl chloride in MW-2. A fourth monitoring well was recommended to further characterize impacted groundwater.
- **1991 Soil Gas Survey, November 29 -** Inland Empire Environmental Services (IEES)oversaw the installation and sampling of 85 soil vapor probes at the site (and properties to the north of the site that are no longer part of the site) in September 1991, in response to the July 13, 1990 LARWQCB directive. The results indicated the following: methane concentrations ranged from non-detect to 43 µg/l and vinyl chloride concentrations ranged from non-detect to 30 µg/l. Methane and vinyl chloride were the most prevalently detected compounds. Other detection compounds included: TCE (2 µg/l), methylene chloride (2 to 13 µg/l), benzene (non-detect to 17 µg/l), and bromodichloromethane (1.5 to 4 µg/l). It was noted that the presence of chlorinated hydrocarbons in groundwater is common within the San Gabriel Valley and that the most common chlorinated solvent detected in soil and groundwater in the San Gabriel Valley is TCE. Based on the results of the soil vapor sampling, areas of elevated chlorinated VOCs were identified at the site in the vicinity of soil vapor point 85 (vicinity of MW-3, property to the north of the site), vicinity of vapor point 44 (adjacent property to the north of the site), MW-2 (southern portion of the site), and vapor point 58 (southeastern portion of the site). Based on the results, Conservtech recommended targeted shallow soil sampling in the suspect areas, and analyzing soil samples for chlorinated hydrocarbons.
- **1992 Letter RE Potential Sources of 1,2-DCE from Properties in the Vicinity of 2200 N. Rosemead Ave., Conservtech, February 28 -** Conservtech investigated potential sources of 1,2 DCE as it was determined to be of particular concern because it was found at elevated concentrations in various groundwater samples, but was not found in soils immediately above the water table in the vicinity of the in-ground storage tanks. Conservtech indicated that 1,2-DCE and other compounds have been detected in groundwater throughout this area of South El Monte. The report a) illustrated the presence of leaking UST sites within a ¼ mile and ½ mile radius of the site, b) shows the site location in relation to the nearest upgradient facility with groundwater wells, c) presents the groundwater flow gradient as being to the southeast based on groundwater elevations measured from September to November 1987, d) presents groundwater flow direction in the vicinity of the upgradient property known as Champ Corporation to be to the southwest, e) indicates that soil samples collected on June 6, 1990 at the 2828 North Rosemead Boulevard property to the southwest of the site, approximately 75 feet from MW-2, were found to have concentrations of trans-1,2-DCE of 190 µg/kg, and f) provides inspection information from the LARWQCB regarding the adjacent 2828 North Rosemead Boulevard property indicating that the property had a long history of solvent usage and had areas of deteriorated flooring and conduits for contaminants to reach the subsurface.

- **1992 LARWQCB Correspondence, March 6 –** Letter from the LARWQCB concurring with the recommendations from Conservtech to submit a work plan for additional soils work. LARWQCB indicated that 1) all areas that displayed elevated VOC levels should be included in the sampling plan, 2) site wide soil sampling for metals and other non- or semi-volatile contaminants was still required, 3) the work plan needs to address LARWQCB requirements for conducting initial subsurface engineering/geological investigation and 4) LARWQCB disagreed with Conservtech's conclusion that vinyl chloride detected in soil vapor was off-gassing from groundwater and suggested that it was likely associated with soil contamination at the site.
- **1992 Work Plan, Subsurface Investigations, Conservtech, May** - Presents work plan for requested soil investigation.
- **1992 Letter to LARWQCB from Bartolotti Family Trust** - Letter to LARWQCB from owner of site explaining the intent to redevelop the site in light of new metal building ordinance from the City of South El Monte. The letter seeks LARWQCB guidance in moving forward and requests LARWQCB "*to review our file and evaluate our situation relative to our need to comply with the metal building ordinance.*"
- **1994 LARWQCB Correspondence, April 13 –** Letter regarding Chemrite property located at 2128 North Rosemead Boulevard (adjacent, southwest) requiring that Chemrite prepare a work plan for further delineation of soil and soil vapor impacts of PCE and methylene chloride, which were detected at maximum concentrations of 120 µg/kg and 170 µg/kg, respectively.
- **1994 LARWQCB Correspondence, May 11 –** Letter stating that the LARWQCB could not find the results of the required investigations in its files and requested submittal of the results.
- **1994 Letter to RWQCB, Conservtech, June 8** – Letter providing rationale for why the Chemrite work plan was not implemented. Letter clarifies that the property owner, Mr. Bartolotti, had sought guidance from the LARWQCB regarding the timing and scope of remediation in relation to the planned redevelopment of the site.
- **1994 LARWQCB Correspondence, June 23 –** Letter memorializing June 14, 1994 telephone conversation with Conservtech providing verbal authorization to implement the work plan for the additional soil borings.
- **1994 Internal Memorandum of Monitoring Well Water Quality Comparisons, Conservtech to Gary Mearns, August 31 –** Provides a summary of groundwater contaminants measured in the three on-site wells (MW-1 through MW-3 [not present on the current site]) over the reporting period spanning from October 1993 through July 1994. Concentrations of various constituents are present in groundwater at concentrations above the maximum contaminant levels (MCLs). While some reduction in several constituents were noted, Conservtech indicated that "*overall....it does not appear that there has been any substantial change in concentrations of regulated compounds in the three MWs over the period of reporting*."
- **1995 LARWQCB Correspondence, Additional Soil Gas Survey and Groundwater Sampling, Conservtech, February 23 -** Letter presents LARWQCB's review of the January 2015 report. Letter states that sixteen 25-foot soil borings were drilled at the site. 1,1-DCA (5 µg/kg), PCE (150 µg/kg), and TCE (20 µg/kg) were detected near the USTs to a depth of 3 feet bgs. LARWQCB concluded that the USTs and clarifier at the site have caused VOC contamination in the soil, and that the vertical and lateral extent of the contamination has not yet been fully defined. LARWQCB required that a multi-depth survey be conducted. In addition, LARWQCB disagreed with Conservtech's conclusion that that the observed groundwater contamination underlying the site

resulted from the regional groundwater contamination, citing that VOCs in groundwater in the two downgradient wells (MW-1 and MW-2) are two orders of magnitude higher than that of the upgradient well MW-3. LARWQCB required continued quarterly groundwater monitoring.

- **1995 LARWQCB Correspondence, Additional Soil Gas Survey, July 12** – Letter responding to transmittal of an April 5, 1995 soil gas survey by Environmental Support Technologies (EST). Based on information reviewed, LARWQCB identified the following areas as not having been adequately addressed: 1) former 12,000 gallon gasoline UST – former probes installed only at 5 feet bgs, 2) northeast corner of the site (now property to the north of the site near MW-3) where 1,2 DCA was detected in soil at depths up to 30 feet bgs and at a maximum concentration of 780 µg/kg, 3) the open dirt area south of MW-1 and MW-2 and east of Chemrite. LARWQCB indicated that the area was used for drum storage and reference was made that the area may have been used for chlorinated solvents prior to being received by PCD, and 4) the paint booth in the open top processing department.
- **1995 Letter to LARWQCB, Loeb and Loeb, August 8 –** Letter indicating that Pacific Coast Drum is a likely source of PCE and that prior investigations of the site has confirmed release of PCE to soil. Letter indicates that Chemrite was not named as a PRP in the South El Monte OU. Loeb and Loeb requested an extension to implement the additional work required by the LARWQCB.
- **1995 LARWQCB Correspondence, August 18 –** Letter granting extension request but warned that "*that the status of the Chemrite site should not be used as an excuse by your company to delay the required investigation of identified potential sources of contamination at your site.*"
- **1995 LARWQCB Correspondence, October 26 –** Response to letter from PCD's attorney requesting reconsideration/reductions of certain sampling requirements, based on additional information submitted for consideration. In particular, PCD petitioned to not sample three of the four areas targeted for additional sampling by the LARWQCB in the July 12 letter: a) the former UST, b) the paint booth and c) the former food drum storage area. LARWQCB concurred with some of the requested changes to the sampling program but required sampling of the paint booth area and the vicinity of MW-3.
- **1996 LARWQCB Correspondence, July 22 – LARWQCB review of soil gas surveys dated September 6, 1995 and February 14, 1996 -** LARWQCB concluded that based on the soil vapor surveys performed, 1) the active paint booth/painting operation did pose a threat to the environment, 2) the soil gas survey in the vicinity of MW-3 (now property to the north of the site) confirmed VOC contamination is present to a depth of at least 15 feet bgs and 3) lateral and vertical delineation is required by completion of an additional soil gas survey.
- **1996 LARWQCB Correspondence, December 9 – LARWQCB review of November 1, 1996 soil gas survey -** Based on the results, LARQCB provided 3 options with regard to the soil vapor plume identified in the vicinity of MW-3 (now upgradient of the site), including 1) submitting a remedial action plan, 2) submitting a work plan to monitoring the soil vapor concentration for a period of 1 year, and 3) performing a risk assessment and/or fate and transport modeling to demonstrate that the existing VOC concentrations in the soil will not impact the underlying groundwater.
- **1995-1998 Soil Vapor Sampling Events.** Various soil vapor sampling events took place from 1995 to 1998 throughout the entire site and on the adjacent two properties to the north (including the 2226 North Rosemead Boulevard property and a property to the north of that property, 2310 North Rosemead Boulevard. During the most recent round of sampling conducted in January 1998

for which data were provided, PCE and TCE were detected at maximum concentrations of 38 µg/l and 4.6 µg/l, respectively, in the soil vapor samples collected on the offsite property located at 2310 North Rosemead Boulevard. On February 21, 2018, citing stable and decreasing concentration trends, the consultant recommended that the LARWQCB case be closed with no further action.

- **1997 Environmental Audit Report, Ditty Container, Michael Wolff, Inc., December 4** – Report states that the site is owned by Pacific Coast Drum, Inc. and the Batolotti Family Trust and is leased to Ditty Container. The scope of the environmental audit was focused on those issues which could affect the physical property; e.g., practices which could lead to contamination of the site improvements, or the underlying soil or groundwater. The audit also intended to serve as a baseline on the apparent site condition as of the date of the audit and to identify existing conditions such that Ditty and the owner could agree on responsibility for conditions existing at the time of the audit. The audit describes the process for processing incoming drums. Observations:
  - Drums a tight-head drums, open drums are not accepted.
  - Some evidence of minor spillage and staining was observed.
  - Drums are exposed to weather.
  - Asphalt driveway at the rear of 2226 North Rosemead was badly broken, exposing the underlying soil.
  - Refurbishing operations are conducted above ground level.
  - Residues from flushing are collected in above-ground bins, which when full are moved to the waste storage area.
  - No solvents are reportedly used in the cleaning process (limited to caustic soda).
  - Extensive etching was observed – reportedly from operations pre-dating Ditty's operations (PCD previously used acid washing for many years).
  - Paint removal from drums is by "blasting" – shot dust observed in several areas. Recommendation was made to test shallow soil in areas where shot dust accumulates.
  - Drums are painted; thinning of paint is reportedly not conducted. However, the audit reported the presence of thinners and other solvents in use at the site.
  - Wastewater treatment area comprises two sub-grade tanks. Tank No. 1 collects wastewater from drains in the process area and is pumped to the wastewater treatment system. The smaller tank (Tank No. 2) is for the sole purpose of collecting boiler blowdown water. The audit notes that these tanks have secondary containment, but that these systems do not meet new regulations for USTs and should be considered for replacement with flow-through devises rather than USTs.
  - No chlorinated solvents are used in any maintenance operations.
  - Oil drum was observed on top of a drainage trench that dumps out onto the ground in front of the property.
  - Waste storage area is a fenced area and is bermed to contain spills but has been notched apparently to allow rain water to escape. The area is uncovered at the time of the audit.

- Tank No. 3 was identified as not being in-use by Ditty and does not meet regulations; therefore, was recommended for closure.

- **1998 LARWQCB Correspondence - No Further Requirements, March 17 -** LARWQCB issued the No Further Requirements letter in connection with the former PCD Co. property, which included property addresses to the north of the site for those properties occupied by PCD's operations. The letter presents the chronology of the investigations conducted at the site. The letter states that "*the above site assessment data demonstrated that releases of liquid wastes from the subject site impacted the soil and groundwater beneath the site. A soil cleanup was not required. Instead, four nested soil vapor probes were sampled four times between April 1997 and January 1998 to monitor the trend of VOC vapor concentrations in the vadose zone over a year [refers to the property to the north of the site, previously occupied by PCD]. Such monitoring data suggested that residual VOC concentrations in the vadose zone stabilized or declined over the monitoring period. Therefore, we do not believe that further vapor monitoring is warranted. To date, the subject site has completed Regional Board staff requirements and we will not require any further remedial and investigative work with regard to the soil contamination. Because past operations have impacted groundwater beneath this facility, you remain a responsible party for the regional groundwater cleanup which is being led by USEPA. This Regional Board encourages you to continue to participate and cooperate in the ongoing regional groundwater cleanup. Sampling of the three existing monitoring wells required by this Regional Board can be discontinued. However, all monitoring wells must be property maintained and made available for possible future sampling that may be required by USEPA*."

- **1999 Soil Assessment Report -** Environmental Support Technologies conducted a soil assessment onsite to assess potential impact of previous site usage in the vicinity of the 3,300-gallon sump/UST and to assess depth to groundwater. The sump/UST (Tank No. 3), which was part of the cooling water system historically used by PCD, was cleaned out in 1993 and covered with a metal plate [the Los Angeles County DPW treated the sump as a UST for closure purposes]. In order to assess any potential subsurface impacts, two borings were advanced in proximity to the UST in March 1999 to 21 feet bgs. Samples were collected at 5, 10, and 20 feet bgs; select soil samples were analyzed for TPH and VOCs. Total recoverable petroleum hydrocarbons (TRPH; not the same analysis as TPH) reportedly was detected in one sample at 273 milligrams per kilogram (mg/kg) at 20 feet bgs. One sample indicated a toluene concentration of 6,300 µg/kg at 5 feet, and xylene concentrations in two samples at 43,000 µg/kg at 5 feet and 8,100 µg/kg at 20 feet.

- **2002 LARWQCB Correspondence regarding directive on emergent chemical sampling, July 19 -** LARWQCB responded to PCD's letter claiming that it should not be required to conduct sampling for emergent chemicals on account of financial hardship and the fact that none of the emergent chemicals were ever detected on the site. LARWQCB reiterated its requirement to perform the testing of groundwater for emergent chemicals.

- **2002 Technical Report, Emergent Chemical Sampling, SCS Engineers, August 29** - In August 2002, SCE Engineers sampled the three onsite wells for emerging compounds perchlorate, NDMA, 1,4-dioxane, and total and hexavalent chromium. Results are as follow: nondetectable concentrations for perchlorate and hexavalent chromium, non-detect to 0.0024 µg/l NDMA in MW-2 (MCL of 0.2 µg/L), 4 to 22 µg/l 1,4-dioxane in MW-1 (MCL of 3 µg/l), and non-detect to 1.8 µg/l total chromium in MW-2 (MCL of 50 µg/l). The detected concentration of 1,4-dioxane exceeds current regulatory thresholds.

- **2004 Site Assessment Report, EST, March 8 -** EST conducted additional sampling (pursuant to the 1999 sampling program described above) to fulfill requirements by the Los Angeles County DPW to close "in place" the 3,300-gallon sump/UST (Tank No 3), located in the southeastern portion of the Site in the vicinity of MW-1. One boring (DCSB-3) was advanced to 40 feet bgs. Soil samples were collected at 5-foot intervals and analyzed for VOCs, BTEX, and TPH. Reported concentrations of TPHg ranged from non-detect to 0.079 mg/kg at 35 feet bgs. TPHd was non-detect and toluene concentrations ranged from non-detect to 5.5 µg/kg at 20 feet. Because the historical use of the UST was as a cooling water sump and analytical results "indicated only minor impact to soil and groundwater,"[4] no additional sampling was recommended by the consultant, and closure was requested. Closure in place was completed on September 4, 2004 when the tank was filled with slurry. New concrete was poured over the concrete sump. Closure of the sump/UST was granted by the Los Angeles County DPW on September 8, 2004.
- **2012 Partial Consent Agreement -** A consent agreement between USEPA/DTSC and various parties in the area (including PCD) was signed in 2012 pertaining to the San Gabriel Valley Superfund site, South El Monte Operable Unit**.** The consent agreement stated contaminant concentrations exceed MCLs throughout a large portion of the South El Monte Operable Unit, including groundwater regions used for sources of drinking water. The USEPA determined that actual or threatened releases of hazardous substances at the various party properties, if not addressed, may present an imminent and substantial endangerment to the public and the environment. The DTSC filed a complaint seeking reimbursement of response costs incurred for response action taken in connection with releases of hazardous substances in the South El Monte Operable Unit; the defendants (including PCD) entered into this agreement to protect public health but did not admit liability arising out of any previous or current releases. The Consent Agreement indicates that USEPA will be implementing a remedial action which will not entail an actual mass removal, but instead focuses on the following objectives:
  - Prevent exposure of contaminated groundwater to the public;
  - Contain further migration of contaminated groundwater from more highly contaminated portions of the aquifer;
  - Reduce impact of continued contaminant migration on downgradient water supply wells; and
  - Protect future uses of less contaminated and uncontaminated groundwater.
- **2018 Environmental Compliance Recommendations for Ditty Container, Inc., SCS Engineers, March 9 -** On January 27, 2017 SCS conducted an environmental compliance audit of the Ditty facility. The observations and compliance recommendations made include the following:
  - Steel and plastic drums and storage totes are reconditioned at the facility, with 95% consisting of drums that formerly contained petroleum product, with the remainder reportedly comprising drums containing food-grade chemical materials.
  - Production areas are surrounding by spill containment berm/cur or designed with concrete flooring that slopes towards collection sumps. Concrete floor was observed to have cracks, joints, and degraded concrete that could present potential pathways for liquids to infiltrate to the subsurface. SCS recommended routine inspections and consider application of a sealer or other materials to the surface or concrete.

[4] It is noted that it does not appear that groundwater samples were collected; no groundwater sampling results were provided in the information reviewed.

- Numerous drums were observed in areas of the site outside of secondary containment areas, including areas where rainwater accumulates. A sump on the northern side of the bermed paint area was filled with rainwater. SCS recommended implementation of stricter management procedures for drums to be stored within bermed areas and for rainwater that contacts paint to be pumped to the wastewater treatment facility.
- Ditty had removed a secondary containment wall as part of its improvements to the wastewater treatment facility. SCS recommend that the secondary containment be put back into place following completion of the improvements.
- Poor housekeeping was observed in the area of the hazardous and non-hazardous waste storage area, and stormwater and spills from this area flow overland to trenches and sumps and ultimately to the wastewater treatment facility.
- Universal waste management was identified to an issue requiring implementation of a formal management program.
- The facility generates a monthly volume of 1,660,000 gallons of industrial wastewater. Based on the self-monitoring reports reviewed for 2016, the facility appeared to be in compliance for measured discharges that have a permit limit.
- During 2016, Ditty exceeded stormwater discharge exceedances for total suspended solids (TSS) at both of its discharge points. The facility reportedly prepare a stormwater pollution prevention plan (SWPPP) Addendum and a Level 1 Exceedance Response Action (ERA) report. The facility employed additional employee training and improved best management practices (BMPs) to address the sources of the TSS. The current status of SWPPP compliance is unknown.
- Los Angeles County Fire Department had requested, based on reported higher pH testing results, that the facility implement changes to the wastewater treatment plant and comply with DTSC Permit by Rule (PBR) as an operator of a fixed treatment unit (FTU). According to SCS, Ditty was out of compliance by not previously operating under a PBR tiered permit. At the time of the audit, Ditty was preparing the PBR tiered permit application. As part of the PBR application, Ditty would have to provide financial assurance, tank integrity testing and an assessment and possible remediation of any existing contamination that poses risk to public health or the environment, prior to being issued a permit. The status of the PBR tiered permit is unknown.

## 4.5 User-Provided Information

Ramboll provided the Client with a User Questionnaire (consistent with Appendix X3 of the ASTM Standard) that requested information relating to environmental liens, AULs, specialized knowledge of the site, property value diminution, chain-of-title, or any other commonly known or obvious indications of site contamination, that was not otherwise provided to Ramboll. Based on the responses to the User Questionnaire, Northgate Gonzalez RE, LLC does not have specialized knowledge of the site environmental conditions other than being aware that the site has had a history of environmental issues and is part of the South El Monte OU. Northgate is not aware of any AULs or liens filed against the site. Northgate is in the process of evaluating the cost of the environmental liabilities in relation to the purchase price.

## 4.6 Interviews

**Interview with Mr. Gary Mearns – Facility Operations Manager**

Ramboll conducted an interview with facility personal during the site reconnaissance on June 26 and 29, 2020. Mr. Gary Mearns, facility manager who has been working in his position since 1993 and has been the addressee for much of the regulatory correspondence between PCD and the LARWQCB. Mr. Mearns escorted Ms. Hernandez throughout the site and pointed out drum storage areas, monitoring wells, the wastewater treatment system, and paint booth areas. Mr. Mearns was not aware of previous spills at or violations for the site.

**Interview with Ms. Malissa McKeith, Environmental Advisor to PCD/Bartolotti Trust**

Ramboll interviewed Ms. Malissa McKeith who has been involved with the environmental aspects of the site since the early to mid-1990s. Ms. McKeith was familiar with the USEPA South El Monte Operable Unit issues and the site's involvement. Ms. McKeith indicated that her recollection of the details were vague in light of the nearly 30 years that have lapsed since the matter was being addressed by the LARWQCB and the USEPA. She indicated that extensive soil vapor investigations were conducted during the 1990s in connection with the site and that, to the best of her recollection, some contamination was found but that it did not rise to a level of significant concern that required immediate response actions. Ms. McKeith indicated that she has not been involved with the site since Ditty began operating at the site in 1996 and is not able to comment with regard to the nature of Ditty's operations or tenure at the site.

# 5. SITE RECONNAISSANCE

## 5.1 Methodology and Limiting Conditions

Ramboll conducted a visit to the site on June 26 and June 29, 2020. During the site visit, observations of the exterior portions of the buildings and interior portions of the buildings, were made to evaluate if any RECs, as defined in Section 2, are present. Ramboll did not observe the roofs of the buildings.

## 5.2 General Site Setting and Observations

Ramboll made observations concerning all of the interior and exterior issues specified in Sections 9.4.2 through 9.4.4 of the ASTM E1527-13 Standard. The presence or absence of each issue of environmental interest or concern is noted in Table 8. Additional information regarding observed and historical items is provided in the sections following the table.

**Table 8: Summary of Site Reconnaissance Observations**

| ASTM Section | Issue | Observation |
|---|---|---|
| **Interior and Exterior Issues** | | |
| 9.4.2.1 | Current use(s) of the site | See Section 3.2 |
| 9.4.2.2 | Past use(s) of the site | See Section 4.2 |
| 9.4.2.3 | Hazardous substances and petroleum products used, treated, stored, disposed of, or generated on the property in connection with identified present or past uses | **Present** (see Section 5.2.1) |
| 9.4.2.4 | Storage tanks:<br>Underground storage tanks (fill ports, vent pipes, manholes)<br>Aboveground storage tanks | (see Sections 5.2.2 and 5.2.3)<br>**Present**<br>**Present** |
| 9.4.2.5 | Odors (strong, pungent or noxious) | Absent |
| 9.4.2.6 | Pools of liquid, standing surface water or sumps | **Present** (see Section 5.2.4) |
| 9.4.2.7 | Drums of hazardous substances or petroleum products (five-gallon, 55-gallon or totes) | **Present** (see Section 5.2.1) |
| 9.4.2.8 | Hazardous substance and petroleum product containers (not necessarily in connection with identified uses) | Absent |
| 9.4.2.9 | Unidentified substance containers suspected of containing hazardous substances or petroleum products | Absent |

**Table 8: Summary of Site Reconnaissance Observations**

| ASTM Section | Issue | Observation |
|---|---|---|
| 9.4.2.10 | Polychlorinated biphenyls (PCBs)<br>Electrical equipment on-site (e.g., transformers, capacitors)<br>Electrical equipment known or likely to contain PCBs<br>Hydraulic equipment on-site (e.g., elevators, truck dock lifts)<br>Hydraulic equipment known or likely to contain PCBs | <br>Absent<br>**Possible** (See Section 5.2.5)<br>Absent<br>Unlikely |
| **Interior Issues** | | |
| 9.4.3.1 | Heating/cooling systems | **Present** (see Table 1) |
| 9.4.3.2 | Stains or corrosion on interior floors, walls or ceilings (except for staining from water) | Not identified |
| 9.4.3.3 | Floor drains and interior sumps | Not identified |
| **Exterior Issues** | | |
| 9.4.4.1 | Pits, ponds or lagoons on site or adjacent properties | Absent |
| 9.4.4.2 | Stained soil or pavement | **Present** (see Section 5.2.6) |
| 9.4.4.3 | Stressed vegetation (from other than insufficient water) | Absent |
| 9.4.4.4 | On-site solid waste disposal; areas apparently filled or graded by non-natural causes; or mounds or depressions suggesting solid waste disposal | Absent |
| 9.4.4.5 | Wastewater or other liquid (including storm water) or any discharge into a drain, ditch, underground injection system or stream on or adjacent to the site | **Present** (see Section 3.2.3) |
| 9.4.4.6 | Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells) | **Present** (see Section 5.2.7) |
| 9.4.4.7 | Septic systems or cesspools | Absent |

Notes:

Observations noted in this table and discussed further below are based on information obtained during the site visit and from a review of the sources summarized in Section 4.

See the ASTM Standard for a detailed description of the issues included in each referenced ASTM section.

Per the ASTM Standard, fluorescent light ballasts likely to contain PCBs are not considered.

N/A – Not applicable.

### 5.2.1 Hazardous Substances and Petroleum Products

Ramboll did not observe significant chemical storage or usage at the site.

Ramboll observed six 550-gallon totes containing hazardous oily wastewater in secondary containment. Facility personnel indicated that the processed water would be transported for offsite disposal.

### 5.2.2 Underground Storage Tanks

One 400-gallon wastewater sump/UST currently is located at the site adjoining the wastewater treatment area on the southcentral portion of the site. This sump/UST was installed in 1976. The 400-gallon wastewater sump is registered as a UST with the County of Los Angeles Department of Public Works, under Facility Identification Number I-04601-3U, as indicated in a UST notification form dated 1985.

Additionally, one decommissioned/closed "in place" 3,300-gallon sump/UST is located in the southcentral portion of the site. This sump/UST was first decommissioned in 1993 but backfilled with slurry in 2004 as part of closure activities when new concrete was poured over the concrete sump. Pertinent information regarding the 3,300-gallon closed-in-place UST is provided in Table 9. Information related to the closure activities of this UST/sump, including sampling conducted as part of closure activities, is provided in Section 4.4.

**Table 9: Underground Storage Tanks**

| Number and Size (gal.) | Contents | Location | Key Dates | Regulatory Closure Granted? | Notes |
|---|---|---|---|---|---|
| **In Use** | | | | | |
| 1 x 400 | Wastewater | Adjacent to wastewater treatment system | Installed 1976 | N/A (sump/UST is in active use) | Active single-walled, non-vaulted, concrete UST/sump in use as part of the wastewater treatment system |
| **Decommissioned/Closed-in-Place/Removed** | | | | | |
| 1 x 3,300 | Cooling water | Southeastern portion of the site | Installed in 1980 and closed-in-place in place in 2004 | Yes | Closure letter issued by Los Angeles County Public Works on September 8, 2004. |

### 5.2.3 Aboveground Storage Tanks

Five aboveground storage tanks (ASTs) are maintained at the site and are part of the onsite wastewater treatment system. AST information is summarized in the table below.

**Table 10: Aboveground Chemical and Petroleum Storage Tanks and Bulk Containers**

| Location | # of tanks | Contents | Sizes | Observations |
|---|---|---|---|---|
| Southern portion of the site | 1 | wastewater | 1,500 gal | Tanks are maintained within a secondary containment area constructed on concrete block. This area comprises the wastewater treatment system. No visual evidence of significant spills or releases was observed. |
| | 3 | wastewater; 3 empty tanks (formerly contained treated wastewater from the wastewater treatment system | 10,000 gal (empty) | |
| | | | 10,000 gal (empty) | |
| | | | 5,000 gal (empty) | |
| | 1 | hydrochloric acid | 1,800 gal | |

### 5.2.4 Pools of Liquid, Standing Surface Water, or Sumps

Minor standing water was observed near the drum cleaning/washing area on the northeastern portion of the site; no sheen or oil residue was observed was on the surface of the water. One active 400-gallon wastewater sump, which is registered as a UST, is present onsite and described above in Section 5.2.2.

### 5.2.5 PCBs

Facility personnel were not aware of on-site equipment that is known to contain PCBs. Because the buildings were constructed prior to the 1979 federal ban on the manufacture of PCBs, it is possible that hydraulic oils or other types of electrical equipment, such as capacitors or light ballasts if present, contain PCBs. Ramboll observed no visual indication of significant leaks or releases from electrical equipment during the site visit.

### 5.2.6 Stained Soil or Pavement

Ramboll observed staining in several locations onsite, including (i) near the tote storage areas on the northeastern portion of the site, (ii) on the northwestern portion of the site, and (iii) near the clarifier on the southwestern portion of the site. Pavement onsite was in fair condition with some visual evidence of cracking. The stains were limited in areal extent, and no stains appeared to reach floor drains or storm water drains.

### 5.2.7 Wells

At the time of the site visit**,** Ramboll observed two monitoring wells on the southern portion of the site, MW-1 inside the waste oil storage area and MW-2 located to the south of the wastewater treatment system. The on-site wells reportedly were installed in 1988 pursuant to requirements from

the County of Los Angeles DPW and subsequently were sampled several times between 1988 and 2002. The 1998 closure letter issued for the site by the LARWQCB stated that the property owner was required to maintain the wells in good condition in anticipation of possible future sampling requirements from the USEPA. Facility personnel were not aware any other monitoring wells on the site, nor were any additional monitoring wells observed at the time of the site visit.

# 6. FINDINGS, OPINION, AND CONCLUSIONS

Ramboll performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the site located at 2200 North Rosemead Boulevard in South El Monte, California in June 2020. The objective of the ESA was to identify RECs, as defined in the ASTM Standard. A list of key definitions presented in the ASTM Standard is provided in Section 7 at the end of this report. Any exceptions to, or deletions from, this practice are described in Section 6.2.

## 6.1 Findings, Opinions, and Conclusions

### 6.1.1 Recognized Environmental Conditions

Ramboll has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the site located at 2200 North Rosemead Boulevard in South El Monte, California. Any exceptions to, or deletions from, this practice are described in Section 6.2 of this report. This assessment has revealed no evidence of RECs in connection with the site, except for the following.

- **Location of Facility within San Gabriel Valley Superfund Site**. The site is located within an area of contaminated groundwater underlying the San Gabriel Valley designated by the USEPA as the San Gabriel Valley Superfund site (Area 1, including the South El Monte Operable Unit), in which groundwater is contaminated with VOCs, in particular, TCE, PCE, and carbon tetrachloride; perchlorate; 1,4-dioxane; and NDMA. The San Gabriel Valley Superfund site is listed on numerous databases in the EDR database report. According to the EDR database report, the site (former occupant PCD) and numerous surrounding properties and other properties in the vicinity listed on the SLIC and WIP databases are located within San Gabriel Valley Area 1 and are listed as PRPs for contributing to the groundwater contaminant plume, comprising an area of approximately 11 square miles.

  Numerous subsurface investigations consisting of soil, soil vapor, and groundwater sampling were conducted in connection with the WIP at the site and adjoining properties historically occupied by PCD. The investigations revealed contamination that was determined by the LARWQCB to be sourced on-site. However, site-specific cleanup actions were not required by the LARWQCB, administrator of the WIP program. As a result of PCD demonstrating stable or declining concentrations of VOCs in soil vapor, the LARWQCB did not require additional investigation or remediation work at the site. The case was closed with a no NFA designation on March 17, 1998 and is listed as "case closed" in the Geotracker database as of November 17, 2014. However, the closure letter made it clear that PCD was considered a PRP with regard to the South El Monte Operable Unit and was urged to continue to cooperate with USEPA's requirements.

  A consent agreement between USEPA/DTSC and various parties in the area (including PCD) was signed in 2012 pertaining to the South El Monte Operable Unit of the San Gabriel Valley Area 1 Superfund site**.** The consent agreement stated that contaminant concentrations exceed MCLs throughout a large portion of the South El Monte Operable Unit, including areas used for sources of drinking water, and filed a complaint seeking reimbursement of response costs incurred for response action taken in connection with releases of hazardous substances in the South El Monte Operable Unit; the defendants (including PCD) entered into this agreement to protect public health but did not admit liability arising out of any previous or current releases.

  Cleanup actions performed in relation to the San Gabriel Valley Area 1 Superfund site, including the South El Monte Operable Unit, are ongoing. Remediation of impacted groundwater within the area-wide plume commenced in 2008 with the installation and operation of four separate

groundwater pump and treat systems. Based on the current status of the response action and the continuing use of the site as a drum recycling facility, Ramboll considers this issue to be a REC.

- **Onsite Soil, Soil Vapor, and Groundwater Contamination and Historical Industrial Uses of the Site.** Investigations conducted from the 1980s through early 2000s have revealed the presence of soil, soil vapor, and groundwater contamination at the site, which was found to consist of generally low to moderate concentrations of VOCs (specifically, chlorinated solvents) and other compounds. Detected concentrations of various compounds detected in soil, soil vapor, and groundwater exceed current regulatory thresholds.

  The site and adjoining property to the north (2226 North Rosemead Boulevard) have a long history of use as a steel drum and tote reconditioning business, which operated since 1959 by PCD and continues to operate at the site as Ditty Container. In addition, the western portion of the site has been used by auto body shops which have occupied the site since 1996. Both operations have involved the use and storage of a variety of chemicals (e.g., paints, resins, varnishes, cleaners, degreasers, etc.) and generated a variety of hazardous wastes (solvents, oils). Ramboll cannot rule out the potential that historical and current uses of the site have resulted in subsurface impacts to the site. In addition, Pacific Coast Drums/Ditty Container is listed in the LUST database with a status of "Pollution Characterization" regarding solvents, with no additional information reported. Ramboll's assessment has identified the presence of several areas of environmental concern at the site, including the following: the wastewater treatment system (including three sumps/USTs and several ASTs), a 3-stage clarifier, paint storage areas, drum and tote storage areas, a waste oil storage area, areas of surficial staining, and a former hazardous waste storage area.

  Because no soil, soil vapor, or groundwater sampling activities reportedly have been conducted at the site for approximately 15 - 20 years (while aforementioned industrial uses were ongoing), current subsurface conditions are not known. As a result, and because concentrations of various compounds detected in soil, soil vapor, and groundwater historically exceed current regulatory thresholds, this issue is characterized as a REC. Furthermore, the potential that on-site soil vapor concentrations present a possible VEC, cannot be ruled out at this time.

- **Adjoining Property Uses.** The properties to the north of the site (2226 and 2310 North Rosemead Boulevard) historically were occupied by PCD and have had documented releases of hazardous substances that impacted soil and soil vapor beneath the properties. In addition, the property located at 2128 North Rosemead Boulevard, identified as the former Chemrite facility, was found to have soil and groundwater impacts that appeared to be sourced on that property. Prior correspondence with the LARWQCB suggested that the 2128 North Rosemead Boulevard property could be a possible source of chlorinated solvent contamination detected beneath the site. Based on the long-term industrial use and known/suspected sources of contamination, these facilities are considered to present a REC in connection with the site.

### 6.1.2 Other Findings

In addition to RECs identified above, the following additional findings related to potential contamination concerns were identified:

- **Sump/UST Closed-in-Place.** One 3,300-gallon sump/UST located in the southcentral portion of the site was closed in place in 2004. The sump/UST (Tank No. 3), which formerly was used to contain cooling water for the wastewater treatment system, was cleaned out in 1993 and covered with a metal plate [the Los Angeles County DPW treated the sump as a UST for closure purposes]. In order to assess any potential subsurface impacts, soil samples were collected and analyzed for

VOCs, BTEX, and TPH. Because the historical use of the sump/UST was for a cooling water sump and results indicated only minor impacts to soil, no additional sampling was recommended by the consultant and closure was requested. Decommissioning of the sump/UST was completed on September 4, 2004 when the tank was filled with slurry and new concrete poured over concrete sump. Closure was granted by the Los Angeles DPW on September 8, 2004.

- **Wastewater Treatment System and Clarifier.** Wastewater generated from the cleaning of drums is treated in the onsite wastewater treatment system and clarifier and is subsequently discharged to the municipal sanitary sewer system. The wastewater treatment system comprises a 400-gallon wastewater sump/UST (Tank No. 2), a 1,500-gallon wastewater AST (Tank No 1), three empty ASTs, an 1,800-gallon hydrochloric acid AST, and a clarifier. Based on a visual inspection conducted during the site visit, no specific environmental concerns were noted apart from noting that the facility was old and that surface coverings were in poor to fair condition. However, during a soil gas survey conducted in the vicinity in 1991 (as described above), a "hot spot" of elevated concentrations of vinyl chloride was identified just south of the wastewater treatment system. As noted above, no sampling activities are known to have been conducted at the site for approximately 15 - 20 years. As a result, current subsurface conditions are not known. Furthermore, compliance audits reviewed under operation by Ditty revealed the potential for spillage and infiltration in the areas of surface drainage and beneath the processing areas of the facility.
- **Groundwater Monitoring Wells.** At the time of the site visit**,** Ramboll observed two monitoring wells on the southern portion of the site, MW-1 inside the waste oil storage area and MW-2 located to the south of the wastewater treatment system (it is noted that a third monitoring well associated with PCD [MW-3] referenced throughout this report was located upgradient of the site at the formerly PCD-occupied property located at 2310 North Rosemead Boulevard). The on-site wells reportedly were installed in 1988 pursuant to requirements from the County of Los Angeles DPW and subsequently were sampled several times between 1988 and 2002. The 1998 closure letter issued for the site by the LARWQCB stated that the property owner was required to maintain the wells in good condition in anticipation of possible future sampling requirements from the USEPA. However, given the length of time since the wells were in use, and as the wells present a potential conduit to the subsurface, it is recommended that they should be properly abandoned/decommissioned.
- **Asbestos, Lead-Based Paint and Universal Wastes.** Based age of the facility and likelihood of past modifications and/or additions, it is likely that asbestos and lead-based paint are present within interior and exterior building surfaces and building materials. Additionally, the facility is likely to contain universal wastes, such as light ballasts and window putty containing compounds such as PCBs. An evaluation of such materials is outside the scope of work for a Phase I ESA. However, given the size of the facility, Ramboll recommends that a pre-demolition survey for these materials be conducted in order to evaluate the potential abatement costs associated with these issues.

### 6.1.3 *De Minimis* Conditions

*De minimis* conditions are those that do not represent a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. Ramboll identified the following de minimis conditions during the course of this assessment.

- **Historical Agricultural Use of the Site**. Based on Ramboll's review of historical information sources, the site historically may have been used for agricultural purposes from 1928 until 1948. Ramboll was not provided with any specific information regarding historical agricultural chemical use, but pesticides or other agricultural chemicals may have been applied on the site. It is possible that residual concentrations of agricultural chemicals may be present in the subsurface. If residual concentrations of these chemicals are present, it is unlikely that they would be the subject of regulatory scrutiny in the context of a non-residential land use scenario. As such, Ramboll characterizes this finding as a de minimis condition, provided the site use remains industrial (commercial) and the site is not re-zoned for residential use. As a result, Ramboll characterizes this issue as a *de minimis* condition.
- **Pavement and Floor Staining**. Ramboll observed several areas of exterior pavement where stains were apparent. The stains were limited in areal extent, and no stains appeared to reach floor drains or storm water drains. As such, Ramboll considers this matter to represent a *de minimis* condition.

## 6.2 Analysis of Data Gaps

The ASTM Standard defines a data gap as "a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information." A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on significant data gaps.

Limiting conditions and deviations to the ASTM Standard for the assessment are discussed below.

- As it is a User requirement, Ramboll did not conduct a review of records to identify whether any environmental liens or activity and use limitations (AULs) have been imposed on the site. However, based on the document research, environmental liens or land use restrictions have not been filed against the site.
- Facility personnel did not have current contact information for representatives of former site owners/occupants. Thus, Ramboll was unable to interview former owners/occupants about historical operations and site conditions. However, Ramboll conducted an interview with the representative of the site management company with tenure at the site dating back to 1993 and reviewed other historical sources regarding former uses of the site.
- Historical information, such as aerial photographs, was not readily available to characterize the site from the present back to the site's obvious first developed use or 1940, whichever is earlier. The earliest readily available historical source that would indicate specific site uses is an aerial photograph dated 1928, which shows that at least a portion of the site was already developed for agricultural uses. ASTM defines agricultural site use as a "developed" site use.

None of the exceptions, deletions, deviations, or site reconnaissance limitations noted above are considered to represent significant data gaps.

# 7. ASTM DEFINITIONS

The following definitions are presented in the ASTM Standard:

**REC - Recognized Environmental Condition:**

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment.

**CREC - Controlled Recognized Environmental Condition:**

A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

**HREC - Historical Recognized Environmental Condition:**

A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

***De minimis* Condition:**

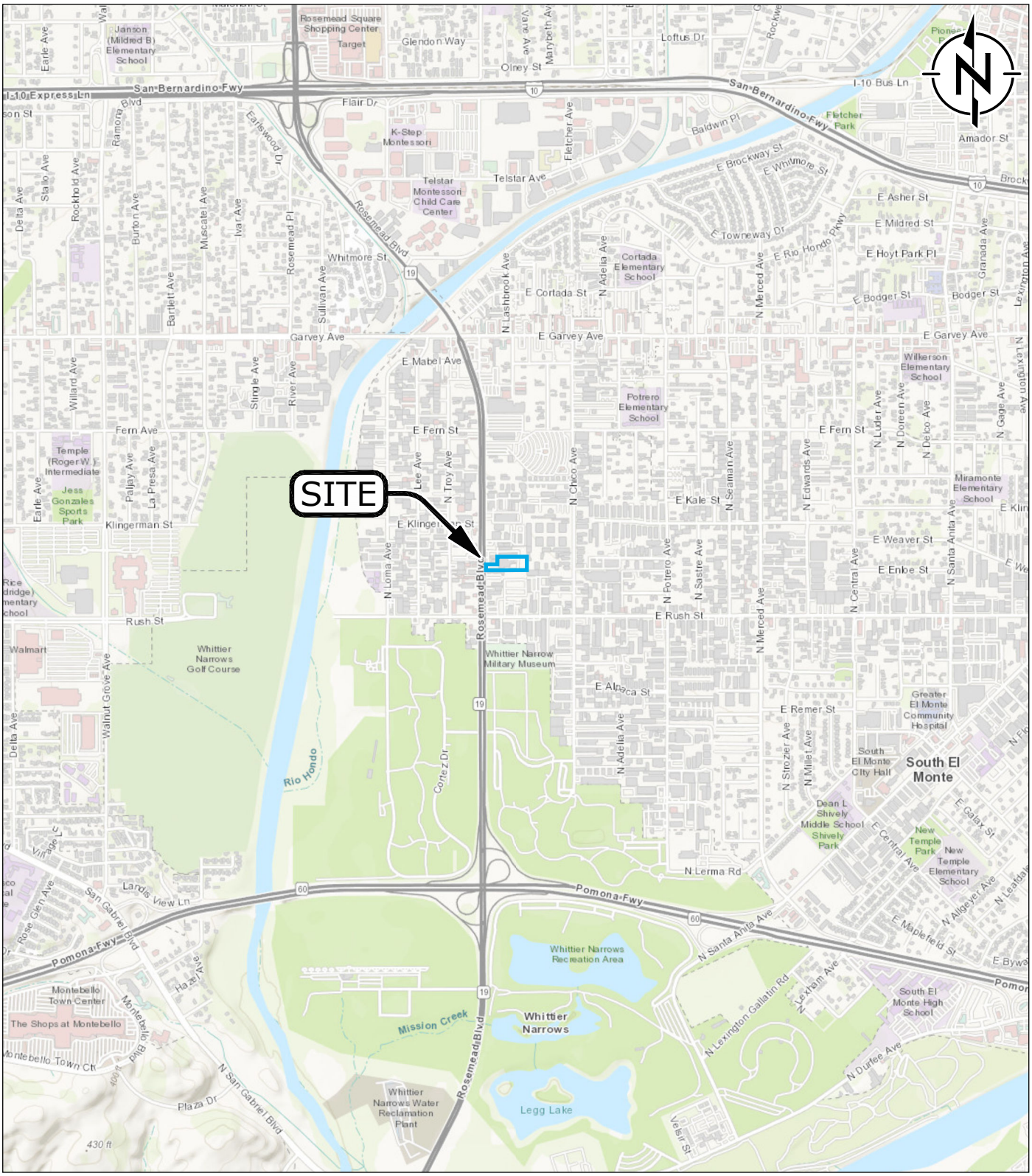
A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

**Data Gap / Significant Data Gap:**

A lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information. A data gap is significant if other information and/or professional experience raises concerns involving the data gap.

*Please note that the term "other finding" is not defined by ASTM; rather, Ramboll uses the term to connote areas of contingent risk that are not clearly defined by the ASTM Standard.*

# FIGURES




**Legend**

Site Boundary

0 0.5 1

Scale in Miles

0 2,000 4,000

Scale in Feet

KEY MAP

SOURCE:
World Topographic Map: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

RAMBOLL

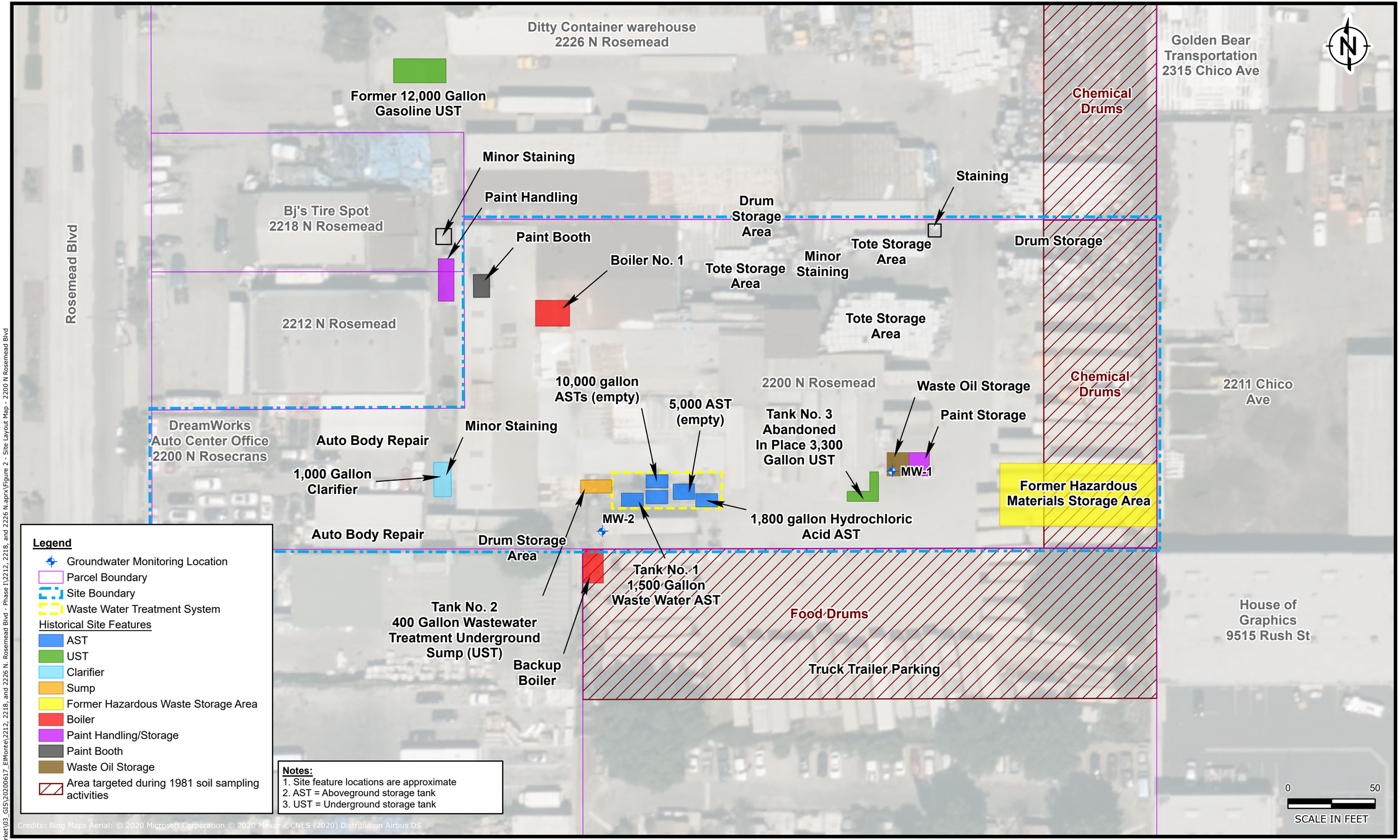
# Site Location Map

2200 North Rosemead Boulevard
South El Monte, California 91733

FIGURE
**1**

DRAFTED BY: AHIGGINS | DATE: 7/14/2020 | PROJECT: 1690018021

C:\Projects\Northgate Market\03_GIS\20200617_ElMonte\2212, 2218, and 2226 N. Rosemead Blvd - Phase 1\2212, 2218, and 2226 N.aprx\Figure 1 - Site Location Map - 2200 N Rosemead Blvd




**Legend**

- Groundwater Monitoring Location
- Parcel Boundary
- Site Boundary
- Waste Water Treatment System

Historical Site Features

- AST
- UST
- Clarifier
- Sump
- Former Hazardous Waste Storage Area
- Boiler
- Paint Handling/Storage
- Paint Booth
- Waste Oil Storage
- Area targeted during 1981 soil sampling activities

**Notes:**

1. Site feature locations are approximate
2. AST = Aboveground storage tank
3. UST = Underground storage tank

RAMBOLL

DRAFTED BY: AHIGGINS | DATE: 7/21/2020

# Site Layout Map

2200 North Rosemead Boulevard
South El Monte, California 91733

FIGURE **2**

PROJECT: 1690018021

C:\Projects\Northgate Market\03_GIS\20200617_ElMonte\2212, 2218, and 2226 N. Rosemead Blvd - Phase 1\2212, 2218, and 2226 N.aprx\Figure 2 - Site Layout Map - 2200 N Rosemead Blvd

# APPENDIX A
# SITE PHOTOGRAPHS

Photo 1: View of the northwestern entrance to the northern portion of the site (Ditty Container).

Photo 2: View of boiler No. 1 looking southeast (Ditty Container).

Photo 3: View of paint handling area on western portion of the site (Ditty Container).

Photo 4: View of paint handling area on western portion of the site (Ditty Container).

Photo 5: View of paint storage area looking northeast (Ditty Container).

Photo 6: View of parked trailers on the southeastern portion of the site (Ditty Container).

Photo 7: View of wastewater treatment system and associated ASTs on the southern portion of the site (Ditty Container).

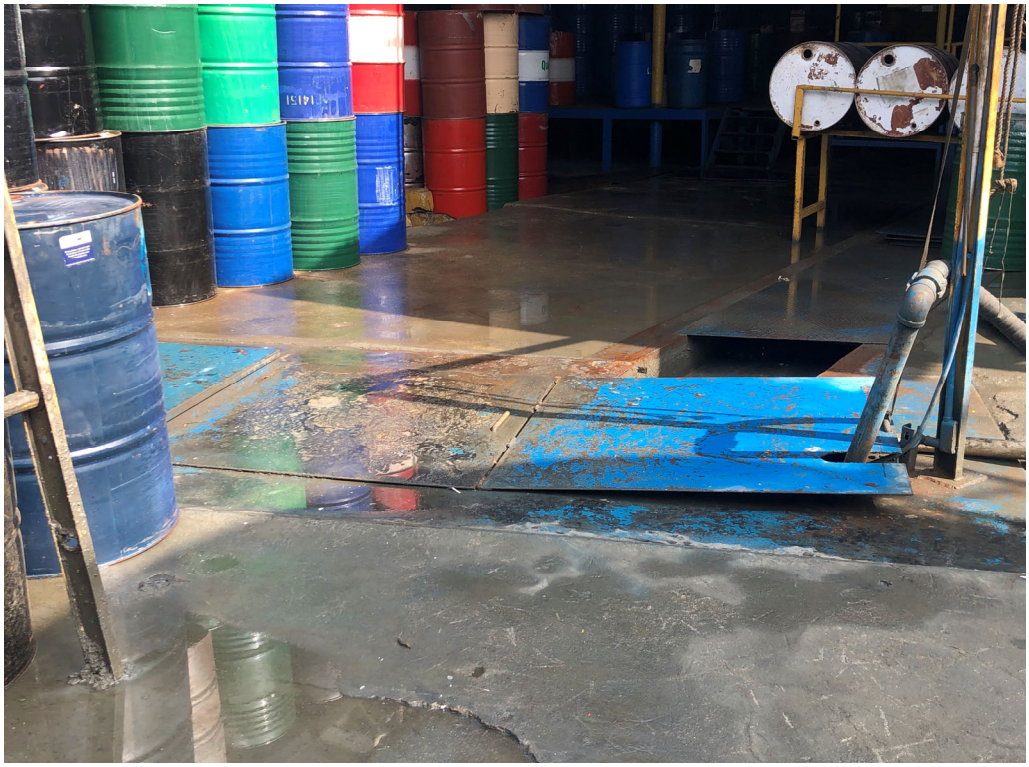


Photo 8: View of Tank No. 2 (wastewater treatment underground tank [sump]) (Ditty Container).

Photo 9: View of backup boiler on the western portion of the site (Ditty Container).

Photo 10: View of clarifier on western portion of the site (Ditty Container).

Photo 11: View of minor staining on the northwestern portion of the site (Ditty Container).

Photo 12: View of waste oil storage area and monitoring well MW-2 (Ditty Container).

Photo 13: View of DreamWorks Auto Center facility in the western portion of the site.

Photo 14: View of the lobby area inside the DreamWorks Auto Center.

Photo 15: View of trash storage area and parked vehicles looking north on DreamWorks Auto Center.

Photo 16: View of parked vehicles and tires stored on the southeastern portion of the DreamWorks Auto Center.

Photo 17: View of vehicle parts and cleaning products stored on the southeastern portion of the DreamWorks Auto Center.

Photo 18: View of water-based degreasers stored on the southeastern portion of the DreamWorks Auto Center.

# APPENDIX B
# ENVIRONMENTAL DATABASE REPORT

## NOTES ON ENVIRONMENTAL DATABASE REPORT

The third-party provider conducted its searches for the standard environmental record sources and the minimum search distances, as specified by the ASTM Standard. The ASTM Standard uses the terminology "approximate minimum search distance" to refer to the radii searched in the environmental database report.

The third-party provider conducted the search of environmental databases in August 2019. Because the environmental databases themselves are sometimes not updated by the specific regulatory agencies for periods of up to one year or more (depending on the database and the state), the database search conducted herein will not necessarily list any facility or site for which an environmental investigation/listing has been initiated subsequent to the last update.

**North Rosemead Blvd, Rust Street**
North Rosemead Blvd, Rust Street
South El Monte, CA 91733

Inquiry Number: 6097435.2s
June 19, 2020

# The EDR Radius Map™ Report with GeoCheck®

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

# TABLE OF CONTENTS


| SECTION | PAGE |
|---|---|
| Executive Summary | ES1 |
| Overview Map | 2 |
| Detail Map | 3 |
| Map Findings Summary | 4 |
| Map Findings | 9 |
| Orphan Summary | 1127 |
| Government Records Searched/Data Currency Tracking | GR-1 |

**GEOCHECK ADDENDUM**

| | |
|---|---|
| Physical Setting Source Addendum | A-1 |
| Physical Setting Source Summary | A-2 |
| Physical Setting Source Map | A-8 |
| Physical Setting Source Map Findings | A-9 |
| Physical Setting Source Records Searched | PSGR-1 |


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


**Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

# EXECUTIVE SUMMARY

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

## TARGET PROPERTY INFORMATION

### ADDRESS

NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

### COORDINATES

| | |
|---|---|
| Latitude (North): | 34.0534120 - 34° 3' 12.28'' |
| Longitude (West): | 118.0627560 - 118° 3' 45.92'' |
| Universal Tranverse Mercator: | Zone 11 |
| UTM X (Meters): | 401913.9 |
| UTM Y (Meters): | 3768393.0 |
| Elevation: | 237 ft. above sea level |

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|---|---|
| Target Property Map: | 5630799 EL MONTE, CA |
| Version Date: | 2012 |

### AERIAL PHOTOGRAPHY IN THIS REPORT

| | |
|---|---|
| Portions of Photo from: | 20140515, 20140513 |
| Source: | USDA |

# MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| Reg | SAN GABRIEL VALLEY | | AOCONCERN | Same | 1 ft. |
| Reg | SAN GABRIEL VALLEY ( | PECK RD & REAL | NPL, SEMS, US ENG CONTROLS, ROD, PRP, CONSENT,... | Same | 1 ft. |
| A1 | PACIFIC COAST DRUM C | 2200 N ROSEMEAD BLVD | SWEEPS UST, WIP | Lower | 1 ft. |
| A2 | DITTY CONTAINER | 2226 ROSEMEAD BLVD | LOS ANGELES CO. HMS | Lower | 1 ft. |
| A3 | DITTY CONTAINER INC | 2226 ROSEMEAD BLVD | LOS ANGELES CO. HMS, CIWQS, CERS | Lower | 1 ft. |
| A4 | RANZ MOTOR SPORTS | 2200 N ROSEMEAD BLVD | FINDS | Lower | 1 ft. |
| A5 | DITTY CONTAINER | 2200 N ROSEMEAD BLVD | CERS HAZ WASTE, CERS | Lower | 1 ft. |
| A6 | DITTY CONTAINER INC | 2226 ROSEMEAD BLVD | EMI, NPDES | Lower | 1 ft. |
| A7 | PACIFIC COAST DRUM | 2200 N ROSEMEAD BLVD | HAZNET, HWTS | Lower | 1 ft. |
| A8 | DITTY CONTAINER | 2200 N ROSEMEAD BLVD | RCRA-SQG, LUST, HIST UST, ICIS, US AIRS, FINDS,... | Lower | 1 ft. |
| A9 | DITTY CONTAINER INC. | 2226 N. ROSEMEAD BLV | EMI | Lower | 1 ft. |
| A10 | PACIFIC COAST DRUM C | 2200 N. ROSEMEAD BLV | CPS-SLIC, CERS | Lower | 1 ft. |
| A11 | ROSEMEAD TRUCK TIRE | 2218 N ROSEMEAD BL | EMI | Lower | 1 ft. |
| A12 | DREAMWORKS AUTOMOTIV | 2200 N ROSEMEAD BLVD | RCRA NonGen / NLR | Lower | 1 ft. |
| A13 | CERTIFIED AUTO COLLI | 2200 N ROSEMEAD BLVD | HIST UST, HAZNET, HWTS | Lower | 1 ft. |
| A14 | DITTY CONTAINER INC | 2200 NORTH ROSEMEAD | HAZNET, HWTS | Lower | 1 ft. |
| A15 | PACIFIC COAST DRUM C | 2200 ROSEMEAD BOULEV | RGA LUST | Lower | 1 ft. |
| A16 | DITTY CONTAINER INC | 2226 N ROSEMEAD BLVD | CERS HAZ WASTE, CERS TANKS, EMI, LOS ANGELES CO.... | Lower | 1 ft. |
| A17 | ROSEMEAD TRUCK TIRE | 2218 ROSEMEAD BLVD | WIP | Lower | 1 ft. |
| A18 | CERTIFIED AUTO COLLI | 2200 ROSEMEAD | FINDS | Lower | 1 ft. |
| A19 | DITTY CONTAINER INC | 2226 N ROSEMEAD BLVD | FINDS, ECHO | Lower | 1 ft. |
| A20 | DITTY CONTAINER | 2226 ROSEMEAD BLVD | UST | Lower | 1 ft. |
| A21 | PACIFIC COAST DRUM C | 2200 ROSEMEAD | HIST CORTESE | Lower | 1 ft. |
| A22 | PACIFIC COAST DRUM C | 2200 ROSEMEAD BLVD N | RGA LUST | Lower | 1 ft. |
| A23 | PACIFIC COAST DRUM C | 2200 ROSEMEAD BOULEV | RGA LUST | Lower | 1 ft. |
| A24 | DITTY CONTAINER INC | 2200 N ROSEMEAD BOUL | RCRA NonGen / NLR | Lower | 1 ft. |
| A25 | PACIFIC COAST DRUM | 2212 ROSEMEAD BLVD | HAZNET, HWTS | Lower | 1 ft. |
| A26 | RANZ MOTORSPORTS INC | 2200 N ROSEMEAD BLVD | HAZNET, HWTS | Lower | 1 ft. |
| A27 | PACIFIC COAST DRUM C | 2200-26 N ROSEMEAD B | EMI | Lower | 1 ft. |
| B28 | AQUADEW INC | 9431 RUSH ST | LOS ANGELES CO. HMS | Lower | 1 ft. |
| B29 | F & S PICTURE FRAMES | 9431 RUSH ST | WIP | Lower | 1 ft. |
| B30 | F & S PICTURE FRAMES | 9431 E RUSH ST | EMI, LOS ANGELES CO. HMS | Lower | 1 ft. |
| A31 | JOHN B. MOORE CORP.- | 2128 N ROSEMEAD BLVD | SWEEPS UST, LOS ANGELES CO. HMS, WIP | Lower | 35, 0.007, West |
| A32 | CHEMRITE CORPORATION | 2128 NO ROSEMEAD BLV | CPS-SLIC, HIST UST, EMI, CERS | Lower | 35, 0.007, West |
| A33 | CHEMRITE CORPORATION | 2128 ROSEMEAD BLVD | HIST UST, ENF | Lower | 35, 0.007, West |
| A34 | MOORE JOHN B CORP | 2128 N ROSEMEAD BLVD | RCRA-SQG, FINDS, ECHO | Lower | 35, 0.007, West |
| B35 | AEZ CORP. | 9457 RUSH ST | WIP | Lower | 35, 0.007, SSE |
| C36 | BUDCO | 2310 ROSEMEAD BLVD | WIP | Higher | 37, 0.007, NW |
| C37 | WOODS JACK UNION SER | 2305 S ROSEMEAD BL | EDR Hist Auto | Lower | 85, 0.016, NW |

# MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| B38 | ASTRO SEAL, INC. | 9444 RUSH ST | CPS-SLIC, WIP, CERS | Lower | 89, 0.017, South |
| D39 | L.G.M. COMPANY | 2211 CHICO AVE | HIST UST, WIP | Higher | 99, 0.019, NE |
| D40 | L G M | 2211 CHICO AVE | SWEEPS UST, LOS ANGELES CO. HMS, CERS | Higher | 99, 0.019, NE |
| B41 | SECURITY PAPER TUBE, | 9436 RUSH ST | WIP | Lower | 105, 0.020, South |
| B42 | MAXTRADE | 9436 RUSH ST | WIP, CERS | Lower | 105, 0.020, South |
| A43 | ROSEMEAD AUTO RECYCL | 2120 ROSEMEAD | WIP, CIWQS | Lower | 109, 0.021, West |
| B44 | GILMORE LIQUID AIR C | 9503 RUSH ST | HIST UST, WIP | Lower | 112, 0.021, SSE |
| B45 | GILMORE LIQUID AIR C | 9503 RUSH ST E | LUST, Cortese, HIST CORTESE | Lower | 112, 0.021, SSE |
| B46 | ASTRO SEAL INC | 9452 E RUSH ST | RCRA-SQG, FINDS, ECHO, EMI, LOS ANGELES CO. HMS | Lower | 112, 0.021, SSE |
| A47 | ROSEMEAD MACNINERY C | 2129 ROSEMEAD BLVD | WIP | Lower | 149, 0.028, West |
| B48 | SEMCO WINDOWS | 9509 RUSH ST | WIP | Lower | 153, 0.029, SSE |
| E49 | UNOCAL CORP SS 3520 | 9408 RUSH ST | SWEEPS UST, LOS ANGELES CO. HMS | Lower | 165, 0.031, SSW |
| E50 | PILA | 9408 RUSH ST | EDR Hist Auto | Lower | 165, 0.031, SSW |
| E51 | UNOCAL #3520 | 9408 RUSH ST E | LUST, Cortese, HIST CORTESE, CERS | Lower | 165, 0.031, SSW |
| E52 | SERVICE STATION 3520 | 9408 RUSH STREET | HIST UST | Lower | 165, 0.031, SSW |
| E53 | GENE & DICK'S UNION | 9408 E RUSH | EDR Hist Auto | Lower | 165, 0.031, SSW |
| E54 | UNION OIL SERVICE ST | 9408 RUSH STREET | HIST UST | Lower | 165, 0.031, SSW |
| A55 | LONGS AUTOBODY | 2121 N ROSEMEAD BLVD | CERS HAZ WASTE, HAZNET, HWTS | Lower | 174, 0.033, West |
| A56 | E&E AUTOMATIC TRANSM | 2121 ROSEMEAD BLVD | WIP | Lower | 174, 0.033, West |
| A57 | FU SING AUTO SERVICE | 2121 ROSEMEAD BLVD | EDR Hist Auto | Lower | 174, 0.033, West |
| A58 | D & C AUTO BODY SHOP | 2121 ROSEMEAD BLVD | RCRA NonGen / NLR | Lower | 174, 0.033, West |
| A59 | BACHMANN PRECISION M | 2112 ROSEMEAD BLVD | WIP | Lower | 185, 0.035, WSW |
| A60 | BACHMANN PRECISION M | 2112 NORTH ROSEMEAD | CERS HAZ WASTE, HAZNET, CERS, HWTS | Lower | 185, 0.035, WSW |
| A61 | BACHMANN PRECISION M | 2112 NORTH ROSEMEAD | RCRA NonGen / NLR | Lower | 185, 0.035, WSW |
| A62 | IGATA EQUIPMENT INC | 2112 ROSEMEAD BLVD | RCRA NonGen / NLR | Lower | 185, 0.035, WSW |
| A63 | KIM SE'S AUTO | 2115 N ROSEMEAD BLVD | CERS HAZ WASTE, CERS | Lower | 189, 0.036, West |
| F64 | MURPHY MUFFLER | 9508 RUSH ST | WIP | Lower | 192, 0.036, SSE |
| F65 | NISSEN & COMPANY, IN | 9508 RUSH ST | WIP | Lower | 192, 0.036, SSE |
| F66 | VALLEY CITIES SUPPLY | 9510 RUSH ST | LUST, SWEEPS UST, HIST UST, Cortese, HIST CORTESE,... | Lower | 204, 0.039, SSE |
| E67 | PHIL'S CERTIFIED AUT | 2020 ROSEMEAD BLVD | RCRA NonGen / NLR | Lower | 212, 0.040, SW |
| E68 | PHIL'S CERTIFIED AUT | 2020 N ROSEMEAD BLVD | CERS HAZ WASTE, CERS | Lower | 212, 0.040, SW |
| C69 | BHY TRUCKING INC. | 2317 N ROSEMEAD BLVD | WIP | Higher | 214, 0.041, NW |
| C70 | BHY TRUCKING INC | 2317 ROSEMEAD BLVD | RCRA NonGen / NLR, FINDS, ECHO | Higher | 214, 0.041, NW |
| E71 | ILLINOIS AUTO WRECKI | 2014 ROSEMEAD BLVD | WDS, WIP, HWTS | Lower | 229, 0.043, SW |
| F72 | COBRA SEWER EQUIPMEN | 9514 RUSH ST | WIP | Lower | 229, 0.043, SSE |
| F73 | PACIFIC AUTO CO. | 9514 RUSH ST | WIP | Lower | 229, 0.043, SSE |
| E74 | SOUTH EL MONTE SERVI | 2004 ROSEMEAD BLVD | RCRA NonGen / NLR | Lower | 255, 0.048, SW |
| E75 | SOUTH EL MONTE ARCO | 2004 ROSEMEAD BLVD | CERS HAZ WASTE, CERS TANKS, LOS ANGELES CO. HMS,.. | Lower | 255, 0.048, SW |
| E76 | SOUTH EL MONTE ARCO | 2004 ROSEMEAD BLVD | UST | Lower | 255, 0.048, SW |

## MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| C77 | SOUTHERN CALIF IMPOR | 2328 NO ROSEMEAD BLV | HIST UST, LOS ANGELES CO. HMS, WIP | Higher | 271, 0.051, NNW |
| C78 | SOUTHERN CALIF. IMPO | 2328 ROSEMEAD BLVD | HIST UST | Higher | 271, 0.051, NNW |
| F79 | GILMORE LIQUID AIR C | 9503 E RUSH ST | SWEEPS UST, HIST UST, LOS ANGELES CO. HMS, CERS | Lower | 284, 0.054, SE |
| F80 | UNIVERSAL EXHIBITS | 9517 RUSH ST | WIP | Lower | 297, 0.056, SE |
| D81 | HO SHUN LEE INC | 2209 CHICO AVE | SWEEPS UST, LOS ANGELES CO. HMS, CERS | Higher | 300, 0.057, ENE |
| D82 | BOB WHITE PLUMBING C | 2209 1/2 CHICO AVENU | HIST UST | Higher | 300, 0.057, ENE |
| D83 | APPLIED SYSTEMS WATE | 2209 CHICO AVE | PEST LIC, WIP | Higher | 300, 0.057, ENE |
| D84 | E.C. CONSTRUCTION | 2213 CHICO AVE | HIST UST, WIP | Higher | 324, 0.061, ENE |
| D85 | E C CONSTRUCTION CO | 2213 CHICO AVE | RCRA NonGen / NLR | Higher | 324, 0.061, ENE |
| D86 | E C CONSTRUCTION CO | 2213 CHICO AVE | LUST, AST, CERS HAZ WASTE, SWEEPS UST, HIST UST,... | Higher | 324, 0.061, ENE |
| D87 | | 2213 CHICO AVE | AST | Higher | 324, 0.061, ENE |
| E88 | PEC-LOS ANGELES | 1942 N ROSEMEAD BLVD | HIST UST, HAZNET, HWTS | Lower | 329, 0.062, SSW |
| E89 | LOS ANGELES DIE MOLD | 1942 N ROSEMEAD BLVD | RCRA-SQG, LUST, SWEEPS UST, HIST UST, FINDS, ECHO,... | Lower | 329, 0.062, SSW |
| F90 | COMMERCIAL CONVEYOR | 9526 RUSH ST | WIP | Lower | 335, 0.063, SE |
| F91 | PRODUCTION AUGERS, I | 9528 RUSH ST | WIP | Lower | 356, 0.067, SE |
| F92 | JARCAR LIMITED | 9515 E RUSH ST | RCRA NonGen / NLR, FINDS, ECHO | Lower | 365, 0.069, SE |
| F93 | EL MONTE LEAD SALVAG | 9517 E RUSH ST | RCRA-SQG, FINDS, ECHO | Lower | 377, 0.071, SE |
| G94 | SIRUS AUTO WRECKING | 2019 ROSEMEAD BLVD | NPDES, WIP, CIWQS | Lower | 383, 0.073, SW |
| H95 | HATCH MASONRY INC | 2304 TROY AVE | UST | Lower | 390, 0.074, WNW |
| H96 | HATCH MASONRY INC | 2304 TROY AVE | SWEEPS UST, HIST UST, LOS ANGELES CO. HMS | Lower | 390, 0.074, WNW |
| G97 | ROYAL BLUEPRINT CO. | 2013 ROSEMEAD BLVD | WIP | Lower | 400, 0.076, SW |
| I98 | ARTISTIC PRESENTATIO | 2400 ROSEMEAD BLVD | WIP | Higher | 412, 0.078, NNW |
| J99 | TRAMPACIFIC COLLISIO | 2118 TROY AVE | CERS HAZ WASTE, HAZNET, CERS, HWTS | Lower | 463, 0.088, West |
| J100 | PHILIP COMPLETE AUTO | 2118 TROY AVE | RCRA NonGen / NLR | Lower | 463, 0.088, West |
| J101 | T & T AUTO BODY & PA | 2118 TROY AV | EMI, WIP | Lower | 463, 0.088, West |
| H102 | RAYMOND DOLLAR CORP. | 2206 TROY AVE | WIP | Lower | 471, 0.089, West |
| H103 | RAYMOND DOLLAR CORP. | 2206 TROY | CPS-SLIC | Lower | 471, 0.089, West |
| K104 | OIL LEE INC | 1955 N ROSEMEAD BLVD | UST | Lower | 473, 0.090, SW |
| K105 | TEXACO #61-106-00057 | 1955 ROSEMEAD BLVD N | LUST, Cortese, CERS | Lower | 473, 0.090, SW |
| K106 | CHUN AND JUNG LEE DB | 1955 N ROSEMEAD BLVD | CERS HAZ WASTE, SWEEPS UST, CERS TANKS, LOS... | Lower | 473, 0.090, SW |
| K107 | OIL LEE INC DBA CLJ | 1955 ROSEMEAD BLVD | RCRA NonGen / NLR | Lower | 473, 0.090, SW |
| K108 | SHELL SERVICE STATIO | 1955 ROSEMEAD BLVD. | LUST, Cortese, CERS | Lower | 473, 0.090, SW |
| K109 | SHELL SERVICE STATIO | 1955 ROSEMEAD BLVD. | LUST, Cortese | Lower | 473, 0.090, SW |
| K110 | DONS TEXACO SERVICE | 1955 N ROSEMEAD BLVD | EDR Hist Auto | Lower | 473, 0.090, SW |
| K111 | TEXACO | 1955 N ROSEMEAD AND | HIST UST | Lower | 473, 0.090, SW |
| K112 | TEXACO #61-106-00057 | 1955 ROSEMEAD | HIST CORTESE | Lower | 473, 0.090, SW |
| K113 | TEXACO SERVICE STATI | 1955 ROSEMEAD BLVD | RCRA-SQG | Lower | 473, 0.090, SW |
| K114 | MIKE'S SHELL | 1955 N ROSEMEAD BLVD | UST | Lower | 473, 0.090, SW |
| K115 | MIKE'S TEXACO | 1955 ROSEMEAD BLVD | UST | Lower | 473, 0.090, SW |

## MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| L116 | RIVERAS AUTO REPAIR | 9366 KLINGERMAN ST | WIP | Lower | 477, 0.090, NW |
| J117 | ADVANCE AUTOMOTIVE G | 2116 TROY AVE | RCRA NonGen / NLR | Lower | 479, 0.091, West |
| J118 | ADVANCE AUTOMOTIVE G | 2116 TROY AVE | CERS HAZ WASTE, HAZNET, WIP, HWTS | Lower | 479, 0.091, West |
| M119 | CONTINENTAL WOODWORK | 2227 CHICO AVE | WIP | Higher | 489, 0.093, ENE |
| M120 | FULLIN TREE INC | 2227 CHICO AVE | EDR Hist Auto | Higher | 489, 0.093, ENE |
| N121 | JENCO PLATING INC | 9536 RUSH ST. | RCRA-LQG, ENVIROSTOR, CERS HAZ WASTE, HIST UST,... | Lower | 492, 0.093, SE |
| I122 | HYDE ENGINEERING COR | 2428 ROSEMEAD BLVD | CPS-SLIC, WIP, CERS | Higher | 495, 0.094, NNW |
| N123 | LEN GIFFORD PRINTING | 9537 RUSH ST | WIP | Higher | 508, 0.096, SE |
| N124 | ACCURATE HONE SERVIC | 9537 RUSH ST | WIP | Higher | 508, 0.096, SE |
| N125 | ARC TRONICS | 9539 E RUSH ST | RCRA-SQG | Lower | 514, 0.097, SE |
| I126 | DC SHEET METAL CO. | 2426 ROSEMEAD BLVD | WIP | Higher | 515, 0.098, NNW |
| I127 | CUNNINGHAM CO., INC. | 2424 ROSEMEAD BLVD | WIP | Higher | 536, 0.102, NNW |
| K128 | ARCHITECTURAL ALUMIN | 1935 ROSEMEAD BLVD | RCRA NonGen / NLR | Lower | 553, 0.105, SSW |
| G129 | CAT CORRAL | 9359 RUSH ST | LOS ANGELES CO. HMS, WIP | Lower | 567, 0.107, WSW |
| G130 | LITH-O-ROLL | 9359 RUSH ST. | RCRA NonGen / NLR | Lower | 567, 0.107, WSW |
| N131 | CALIF. HEAD AND BLOC | 9545 RUSH ST | WIP | Higher | 570, 0.108, SE |
| I132 | QUALITY MOBILE HOME | 2420 ROSEMEAD BLVD | WIP | Higher | 578, 0.109, NNW |
| J133 | ARTHUR KAJIWARA EQUI | 2205 TROY AVE | WIP | Lower | 586, 0.111, West |
| J134 | ARTHUR K KAJIWARA EQ | 2129 TROY AVE | EDR Hist Cleaner | Lower | 587, 0.111, West |
| J135 | ARTHUR KAJIWARA | 2129 TROY AVENUE | DRYCLEANERS, WIP, HWTS | Lower | 587, 0.111, West |
| J136 | ARTHUR KAJIWARA | 2129 TROY AVENUE | RCRA NonGen / NLR | Lower | 587, 0.111, West |
| N137 | LA MISSION IRON WORK | 9553 RUSH ST | CERS HAZ WASTE, WIP, CERS | Higher | 588, 0.111, SE |
| M138 | TIP TOP LABEL CO | 2207 1/2 CHICO AVE | RCRA-SQG, FINDS, ECHO, HAZNET, HWTS | Higher | 593, 0.112, ENE |
| M139 | TIP-TOP LABEL COMPAN | 2207 CHICO AVE | CERS HAZ WASTE, WIP, CERS | Higher | 593, 0.112, ENE |
| M140 | A & A SCREW PRODUCTS | 2217 CHICO AVE | WIP | Higher | 593, 0.112, ENE |
| O141 | KUSTOM LIGHTING | 2107 CHICO AVE | CERS HAZ WASTE, CERS | Higher | 594, 0.112, East |
| O142 | KUSTOM LIGHTING | 2107 CHICO AVE | RCRA NonGen / NLR | Higher | 594, 0.112, East |
| O143 | EL MONTE ALLOYS | 2023 CHICO AVE | ENF, NPDES, WIP | Higher | 595, 0.113, ESE |
| O144 | WILLIAMSON COUCH COM | 2103 CHICO AVE | WIP | Higher | 595, 0.113, ESE |
| O145 | TRIPLE A COATING INC | 2015 CHICO AV | EMI, WIP | Higher | 596, 0.113, ESE |
| N146 | RUDY'S IRON WORKS | 9557 RUSH ST | WIP | Higher | 596, 0.113, SE |
| J147 | VACANT BUILDING | 2121 TROY AVE | WIP | Lower | 600, 0.114, West |
| L148 | G & M BACK HOE | 2402 TROY AVE | WIP | Lower | 611, 0.116, NW |
| L149 | G & M BACKHOE SERVIC | 2402 TROY AVE | RCRA-SQG, FINDS, ECHO, LOS ANGELES CO. HMS | Lower | 611, 0.116, NW |
| O150 | R.A. STEEL, INC. | 2029 CHICO AVE | WIP | Higher | 611, 0.116, ESE |
| P151 | GENERAL METAL FABRIC | 2011 CHICO AVE | WIP | Higher | 617, 0.117, ESE |
| G152 | GOLDEN COLOR PRINTIN | 9353 RUSH ST | CERS HAZ WASTE, CERS | Lower | 636, 0.120, WSW |
| G153 | GOLDEN COLOR PRINTIN | 9353 RUSH ST | RCRA-LQG | Lower | 636, 0.120, WSW |
| N154 | TED LEVINE DRUM CO | 1817 CHICO AVE | RCRA-LQG, SWEEPS UST, ENF, NPDES, WDS, WIP, CIWQS,. | Lower | 639, 0.121, SE |

## MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| I155 | NOMAD FASTENER CO. | 2442 ROSEMEAD BLVD | WIP | Higher | 647, 0.123, NNW |
| M156 | PORTER MFG. & SUPPLY | 2251 CHICO AVE | WIP | Higher | 649, 0.123, ENE |
| P157 | FORMER EL MONTE ALLO | 2023 N CHICO AVE | RCRA-LQG, FINDS, ECHO | Higher | 651, 0.123, ESE |
| N158 | DIARY TEK INDUSTRIES | 9544 RUSH ST | WIP | Lower | 652, 0.123, SE |
| J159 | APPLE GRAPHICS INC | 2101 TROY AVE | RCRA-SQG, FINDS, ECHO, HAZNET, LOS ANGELES CO.... | Lower | 653, 0.124, WSW |
| I160 | MAVERICK MACHINERY C | 2440 ROSEMEAD BLVD | WIP | Higher | 659, 0.125, NNW |
| Q161 | SILVER STREAK TRAILE | 2319 CHICO AVE | CPS-SLIC, WIP, CERS | Higher | 666, 0.126, NE |
| I162 | K.V. COLLECTION | 2438 ROSEMEAD BLVD | WIP | Higher | 669, 0.127, NNW |
| R163 | ASIA PLASTICS INC | 9347 RUSH ST | RCRA NonGen / NLR | Lower | 675, 0.128, WSW |
| P164 | SHIELD CHEMICALS INC | 2026 N CHICO ST | RCRA-SQG, FINDS, ECHO | Higher | 687, 0.130, ESE |
| P165 | THRIFTY SAFE DISPOSA | 2026 N CHICO AVE STE | RCRA NonGen / NLR, FINDS, ECHO | Higher | 687, 0.130, ESE |
| I166 | UNITED METAL FABRICA | 2434 ROSEMEAD BLVD | WIP | Higher | 692, 0.131, NNW |
| Q167 | PHIL'S AUTO SALVAGE | 2405 CHICO AVE | NPDES, WIP, CIWQS | Higher | 693, 0.131, NE |
| L168 | HOLST PAINTING & DEC | 2407 TROY AVE | WIP | Lower | 706, 0.134, NW |
| O169 | GARVEY PLUMBING & HA | 2108 CHICO AVE | LUST, CPS-SLIC, Cortese, HIST CORTESE, LOS ANGELES... | Higher | 709, 0.134, East |
| L170 | CHAMP CORPORATION | SITE: 2423 TROY STRE | HIST UST | Lower | 710, 0.134, NW |
| R171 | LOGAN SUPPLY CO., IN | 2021 TROY AVE | WIP | Lower | 718, 0.136, WSW |
| M172 | MANUFACTURERS SERVIC | 2210 CHICO AVE. | RCRA-SQG, CPS-SLIC, ENF, WIP | Higher | 723, 0.137, ENE |
| O173 | FORMS & SERVICES/MET | 2112 CHICO AVE N | LUST, Cortese, EMI, WIP, CERS | Higher | 724, 0.137, East |
| O174 | FORMS AND SURFACES, | 2112 CHICO | ENF, HIST CORTESE | Higher | 724, 0.137, East |
| O175 | PRECISION POWDERED M | 2206 CHICO AVE | WIP | Higher | 724, 0.137, East |
| O176 | SHIELD CHEMICALS INC | 2026 CHICO AVE | WIP | Higher | 725, 0.137, ESE |
| O177 | SHIELD CHEMICALS | 2026 CHICO AVE | CPS-SLIC, LA Co. Site Mitigation, CERS | Higher | 725, 0.137, ESE |
| O178 | D&R PRESTIGE AUTO FI | 2030 CHICO AVE | WIP | Higher | 725, 0.137, ESE |
| P179 | BUTLER MINING LUB. | 2014 CHICO AVE | WIP | Higher | 727, 0.138, ESE |
| S180 | AMERICAN SOCIETY OF | 1918 ROSEMEAD BLVD | CERS HAZ WASTE | Lower | 727, 0.138, SSW |
| S181 | AMERICAN SOCIETY OF | 1918 N ROSEMEAD BLVD | RCRA NonGen / NLR | Lower | 727, 0.138, SSW |
| Q182 | COIT DRAPERY CLEANER | 2411 CHICO AVENUE | HIST UST, WIP | Higher | 731, 0.138, NE |
| Q183 | COIT DRAPERY CLEANER | 2411 CHICO AVE | EDR Hist Cleaner | Higher | 731, 0.138, NE |
| Q184 | COIT DRAPERY & CARPE | 2411 CHICO AVE | DRYCLEANERS | Higher | 731, 0.138, NE |
| Q185 | FLEXFIRM PRODS | 2300 N CHICO AVE | RCRA-SQG, CERS HAZ WASTE, FINDS, ECHO, EMI, NPDES,.. | Higher | 772, 0.146, NE |
| T186 | HOW E. BAKER CO. (HE | 2224 CHICO AVE | WIP | Higher | 778, 0.147, ENE |
| U187 | TED LEVINE DRUM CHIC | 1913 AND 1927 CHICO | CPS-SLIC | Lower | 783, 0.148, SE |
| U188 | A-1 TOOL MANUFACTURI | 1927 CHICO AVE | WIP | Lower | 783, 0.148, SE |
| V189 | DAVID CHEN PROPERTY | 9329 KLINGERMAN ST | UST | Lower | 783, 0.148, NW |
| V190 | SOUTH ALLIANCE INDUS | 2423 TROY AVENUE | SWEEPS UST, HAZNET, LOS ANGELES CO. HMS, HWTS | Lower | 793, 0.150, NW |
| V191 | SOUTH ALLIANCE INDUS | 2423 TROY AVENUE | RCRA NonGen / NLR | Lower | 793, 0.150, NW |
| V192 | CONTRACTORS LIFT TRU | 2423 N TROY ST | RCRA-SQG, FINDS, ECHO, LOS ANGELES CO. HMS | Lower | 793, 0.150, NW |
| V193 | BROADWAY PLASTIC | 2423 N. TROY AVE. | SEMS | Lower | 793, 0.150, NW |

## MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| V194 | CHAMP CORP | 2425 TROY AVE | SWEEPS UST, LOS ANGELES CO. HMS | Lower | 799, 0.151, NW |
| W195 | JC HAULING | 2450 ROSEMEAD BLVD | RCRA NonGen / NLR | Higher | 803, 0.152, NNW |
| W196 | SOUTH CALIFORNIA PRO | 2450 ROSEMEAD BLVD | HAZNET, WIP, HWTS | Higher | 803, 0.152, NNW |
| P197 | OWEN BROTHERS ENTERP | 9608 E RUSH STREET | LUST, Cortese, LOS ANGELES CO. HMS, CERS | Higher | 803, 0.152, ESE |
| P198 | OWEN BROTHERS ENTERP | 9608 EAST RUSH STREE | UST | Higher | 803, 0.152, ESE |
| Q199 | MONTEREY CASKET CO | 2404 CHICO AVE | CERS HAZ WASTE, HAZNET, HWTS | Higher | 807, 0.153, NE |
| Q200 | MONTEREY CASKET CO., | 2404 CHICO AVE. | CPS-SLIC, EMI, WIP, CERS | Higher | 807, 0.153, NE |
| Q201 | MONTEREY CASKET CO | 2404 CHICO AVE | RCRA NonGen / NLR | Higher | 807, 0.153, NE |
| Q202 | J. P. MILLER COMPANY | 2410 CHICO AVE | WIP | Higher | 815, 0.154, NE |
| R203 | PARAGON PRESS INC. | 9323 RUSH ST | WIP | Lower | 819, 0.155, WSW |
| R204 | PARAGON PRESS | 9323 RUSH ST | SEMS-ARCHIVE, RCRA-TSDF, RCRA NonGen / NLR, FINDS,... | Lower | 819, 0.155, WSW |
| R205 | BOER GRAPHICS (ROBER | 9323 RUSH ST | ENVIROSTOR, HWP, CERS | Lower | 819, 0.155, WSW |
| R206 | RGA INVESTMENTS, INC | 9323 RUSH ST | WIP | Lower | 819, 0.155, WSW |
| P207 | COMMERCIAL WASTE PAP | 9610 RUSH ST | WIP | Higher | 827, 0.157, ESE |
| P208 | MORRIS MANUFACTURING | 9617 RUSH ST | WIP | Higher | 850, 0.161, ESE |
| Q209 | RAYPACK, INC. | 2416 CHICO AVE | WIP | Higher | 853, 0.162, NE |
| W210 | BUCHANAN CO., INC. | 2464 ROSEMEAD BLVD | WIP | Higher | 866, 0.164, NNW |
| V211 | MIKE PRLICH & SONS | 9316 KLINGERMAN ST | SWEEPS UST, HIST UST | Lower | 868, 0.164, WNW |
| V212 | MIKE PRLICH AND SONS | 9316 KLINGERMAN AVE | HIST UST | Lower | 868, 0.164, WNW |
| X213 | COAST MACHINERY MOVE | 2431 CHICO AVE | RCRA NonGen / NLR | Higher | 884, 0.167, NE |
| X214 | COAST MACHINERY MOVE | 2431 CHICO AVE | SWEEPS UST, HIST UST, WDS, WIP, HWTS | Higher | 884, 0.167, NE |
| X215 | COAST MACHINERY MOVE | 2431 CHICO AVE | CERS HAZ WASTE, HAZNET, CERS, HWTS | Higher | 884, 0.167, NE |
| W216 | HOOTER BROS ENAMELIN | 2460 N. ROSEMEAD BLV | EMI, WIP | Higher | 887, 0.168, NNW |
| W217 | HOOTER BROS ENAMELIN | 2460 N ROSEMEAD BLVD | RCRA-SQG, CPS-SLIC, EMI, CERS | Higher | 887, 0.168, NNW |
| Q218 | RAYPACK, INC. | 2410 & 2416 CHICO AV | CPS-SLIC, CERS | Higher | 890, 0.169, NE |
| Y219 | VACANT BUILDING | 2306 LEE AVE | WIP | Lower | 899, 0.170, WNW |
| 220 | CHAMP CORP | 2440 TROY AVE | SWEEPS UST, LOS ANGELES CO. HMS | Higher | 902, 0.171, NW |
| W221 | EUROPEAN AUTO TECH | 2456 1/4 ROSEMEAD BL | RCRA NonGen / NLR | Higher | 907, 0.172, NNW |
| W222 | EL MONTE STEEL TREAT | 2456 N ROSEMEAD BLVD | RCRA-SQG, CERS HAZ WASTE, FINDS, ECHO, LOS ANGELES | Higher | 907, 0.172, NNW |
| W223 | HOS ENTERPRISES | 2456 ROSEMEAD BLVD | LOS ANGELES CO. HMS, WIP | Higher | 907, 0.172, NNW |
| W224 | EUROPEAN AUTOMOTIVE | 2456 1/4 ROSEMEAD BL | EDR Hist Auto | Higher | 907, 0.172, NNW |
| Z225 | SMITTY BUILT INC. | 2112 LEE AVE | WIP | Lower | 911, 0.173, West |
| Z226 | SMITTYBILT INC | 2112 LEE AVE | RCRA-SQG, FINDS, ECHO | Lower | 911, 0.173, West |
| U227 | JOHN C SALEEN | 1907 CHICO AVE | SWEEPS UST | Lower | 913, 0.173, SSE |
| Y228 | UNITED STEEL METALS | 2222 LEE AVE | WIP | Lower | 915, 0.173, WNW |
| R229 | PRECISION COLOR GRAP | 9323 RUSH ST | SWEEPS UST, LOS ANGELES CO. HMS | Lower | 922, 0.175, WSW |
| X230 | LIBERTY CLIMATE CONT | 2447 CHICO AVE | WIP, CERS | Higher | 923, 0.175, NNE |
| Z231 | SOUTHLAND DISPOSAL | 2104 LEE AVE | WIP | Lower | 928, 0.176, West |
| Z232 | SIR CHARLES ORIENTAL | 2214 LEE AVE #A | SWEEPS UST, LOS ANGELES CO. HMS | Lower | 942, 0.178, West |

MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| U233 | AIRCRAFT STAMPING CO | 1924 NO CHICO AVE | SWEEPS UST, HIST UST, LOS ANGELES CO. HMS | Lower | 949, 0.180, SE |
| U234 | AIRCRAFT STAMPING CO | 1924 CHICO AVE | CPS-SLIC, HIST UST, ENF, WIP, CERS | Lower | 949, 0.180, SE |
| X235 | REMINGTON ROLL FORMI | 2445 1/2 CHICO AVE | RCRA NonGen / NLR | Higher | 953, 0.180, NNE |
| X236 | REMINGTON ROLL FORMI | 2445 CHICO AVE | WIP | Higher | 953, 0.180, NNE |
| X237 | REMINGTON ROLL FORMI | 2445 1/2 CHICO AVE | CERS HAZ WASTE, HAZNET, LOS ANGELES CO. HMS, CERS, | Higher | 953, 0.180, NNE |
| X238 | L. A. ANNEX | 2445 CHICO AVE | WIP | Higher | 953, 0.180, NNE |
| W239 | M & T | 2500 N. ROSEMEAD | CPS-SLIC, SWEEPS UST, LOS ANGELES CO. HMS, WIP,... | Higher | 966, 0.183, NNW |
| W240 | CHAMP CORP. | 2500 ROSEMEAD BLVD N | LUST, Cortese, HIST CORTESE, CERS | Higher | 966, 0.183, NNW |
| Z241 | WILMA MCCONNELL | 2022 LEE AVE | RCRA NonGen / NLR | Lower | 966, 0.183, WSW |
| X242 | COAST MACHENARY MOVE | 2432 CHICO AVENUE | HIST UST | Higher | 968, 0.183, NE |
| AA243 | TED LEVINE DRUM - GR | 1729,1807 AND 1817 C | CPS-SLIC, CERS | Lower | 974, 0.184, SSE |
| AB244 | AUTOMATIC FIRE CONTR | 9600 KLINGERMAN ST | RCRA NonGen / NLR | Higher | 982, 0.186, ENE |
| AB245 | FEATHER-LITE OF SO.C | 9600 KLINGERMAN ST | WIP | Higher | 982, 0.186, ENE |
| AC246 | BULWARK CORP. | 9624 RUSH ST. | CPS-SLIC, EMI, WIP, CERS | Higher | 983, 0.186, ESE |
| AC247 | BULWARK CORP | 9624 RUSH ST | SWEEPS UST, LOS ANGELES CO. HMS | Higher | 983, 0.186, ESE |
| AC248 | TEAK MASTER INC | 9624 RUSH ST UNIT B | RCRA NonGen / NLR | Higher | 983, 0.186, ESE |
| AA249 | TED LEVINE DRUM CO | 1829 CHICO AVE | SWEEPS UST | Lower | 993, 0.188, SSE |
| T250 | FLEXFIRM PRODUCTS, I | 2300 CHICO AVE | WIP | Higher | 994, 0.188, ENE |
| X251 | PRECISION HINGE CO., | 2436 CHICO AVE | WIP | Higher | 998, 0.189, NE |
| AD252 | HONG KONG MOTORS INC | 9311 RUSH ST | RCRA NonGen / NLR | Lower | 1014, 0.192, WSW |
| AD253 | GRAPHIC DISTRIBUTORS | 9311 RUSH ST | WIP | Lower | 1014, 0.192, WSW |
| AD254 | ELLIS INDUSTRIES | 2010 LEE AVE | WIP | Lower | 1027, 0.195, WSW |
| X255 | CEMCO FITNESS PRODUC | 2453 CHICO AVE | WIP | Higher | 1029, 0.195, NNE |
| V256 | ED'S ENGINE REBUILDI | 2414 LEE AVE | WIP | Lower | 1038, 0.197, NW |
| AC257 | ACTION GRAPHIC ARTS | 9635 RUSH ST | HIST UST, LOS ANGELES CO. HMS | Higher | 1040, 0.197, ESE |
| AC258 | ACTION GRAPHIC ARTS, | 9635 RUSH ST | HIST UST, WIP | Higher | 1040, 0.197, ESE |
| X259 | PACIFIC HARDWARE MFG | 2442 CHICO AVE | WIP | Higher | 1041, 0.197, NE |
| AE260 | A & R LUGGAGE | 9605 KLINGERMAN ST | WIP | Higher | 1041, 0.197, NE |
| Z261 | FOAM EXPRESS | 2113 LEE AVE | WIP | Lower | 1043, 0.198, West |
| Y262 | MG ENTERPRISES | 2325 LEE AVE | WIP | Lower | 1050, 0.199, WNW |
| Z263 | PREMIER METAL PRODUC | 2105 LEE AVE | WIP | Lower | 1058, 0.200, West |
| Y264 | ABLE INDUSTRIAL PROD | 2329 LEE AVE | WIP | Lower | 1061, 0.201, WNW |
| AF265 | TEMPLE CITY ENTERPRI | 2407 N LEE AVE | HIST UST, HAZNET, HWTS | Lower | 1065, 0.202, WNW |
| AF266 | H P CUSTOM CARPENTRY | 2407 LEE AVE | SWEEPS UST, LOS ANGELES CO. HMS | Lower | 1065, 0.202, WNW |
| AB267 | AMERICAN GENERAL BUS | 2430 CHICO AVE | CPS-SLIC, WIP, CERS | Higher | 1066, 0.202, ENE |
| X268 | A AND G COMPRESSOR P | 2410 N CHICO | RCRA-SQG, FINDS, ECHO | Higher | 1067, 0.202, NE |
| Z269 | ABC RESTAURANT EQUIP | 2025 LEE AVE | WIP, CERS | Lower | 1083, 0.205, West |
| AF270 | SURE SHOT NEGATIVE & | 2424 LEE AVE | WIP | Lower | 1085, 0.205, NW |
| X271 | WORLD IMPORTS | 2446 CHICO AVE | WIP | Higher | 1085, 0.205, NE |

MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| AB272 | AT AUTO REPAIR CENTE | 9609 KLINGERMAN ST | RCRA NonGen / NLR | Higher | 1085, 0.205, NE |
| AB273 | ARTEESTIC GARMENT PR | 9609 KLINGERMAN ST | RCRA-SQG, FINDS, ECHO, LOS ANGELES CO. HMS | Higher | 1085, 0.205, NE |
| AB274 | A T AUTO REPAIR CENT | 9609 KLINGERMAN ST | CERS HAZ WASTE, LOS ANGELES CO. HMS, CERS | Higher | 1085, 0.205, NE |
| AG275 | MACHINE MASTERS | 9639 RUSH ST | WIP | Higher | 1093, 0.207, ESE |
| AH276 | ABC DISTRIBUTING | 2501 ROSEMEAD BLVD | WIP | Higher | 1096, 0.208, NNW |
| AB277 | SERVEX CORP. | 9620 KLINGERMAN ST | WIP | Higher | 1098, 0.208, ENE |
| AA278 | WONG FAT TRADING CO. | 1822 CHICO AVE | WIP | Lower | 1100, 0.208, SE |
| AD279 | ABC RESTAURANT EQUIP | 2025 N. LEE AVE | RCRA NonGen / NLR | Lower | 1111, 0.210, WSW |
| AC280 | ROBERT BRKICH CONSTR | 9638 RUSH ST | LUST, Cortese, LOS ANGELES CO. HMS, WIP, CERS | Higher | 1116, 0.211, ESE |
| AC281 | ROBERT BRKICH CONSTR | 9638 RUSH ST | LUST, HIST CORTESE | Higher | 1116, 0.211, ESE |
| AF282 | LEE'S PLUMBING | 2407 LEE AVE | HIST UST, WIP | Lower | 1116, 0.211, WNW |
| AF283 | H P CUSTOM CARPENTRY | 2407 LEE AVE | UST | Lower | 1116, 0.211, WNW |
| AI284 | BELL CRAFT OFFICE FU | 2200 CHICO AVE | CERS HAZ WASTE, WIP | Higher | 1121, 0.212, East |
| X285 | JJ FURNITURE CO. | 2457 CHICO AVE | WIP | Higher | 1123, 0.213, NNE |
| X286 | T&T FABRICATING | 2457 CHICO AVE | WIP | Higher | 1123, 0.213, NNE |
| X287 | TOOL & DIE WELDING C | 2457 CHICO AVE | WIP | Higher | 1123, 0.213, NNE |
| AJ288 | K. L. ENTERPRISES | 2459 CHICO AVE | WIP | Higher | 1129, 0.214, NNE |
| AJ289 | SMITH INDUSTRIAL TIR | 2459 CHICO AVE | WIP | Higher | 1129, 0.214, NNE |
| AJ290 | SENSITIVE ENVIRONMEN | 2459 1/2 CHICO AVE | HWT, WIP | Higher | 1129, 0.214, NNE |
| AJ291 | SENSITIVE ENVIRONMEN | 2459 1/2 CHICO AVE | RCRA NonGen / NLR | Higher | 1129, 0.214, NNE |
| X292 | AMEX DIE CUTTING SER | 2454 CHICO AVE | WIP | Higher | 1130, 0.214, NE |
| AJ293 | ELDON DRAPERY CLEANE | 2461 CHICO AVE | DRYCLEANERS, WIP, HWTS | Higher | 1136, 0.215, NNE |
| AJ294 | ELDON DRAPERY CLEANE | 2461 CHICO AVE | EDR Hist Cleaner | Higher | 1136, 0.215, NNE |
| AJ295 | PAUL PACIFIC PLUMBIN | 2463 CHICO AVE | CPS-SLIC, WIP, CERS | Higher | 1142, 0.216, NNE |
| AJ296 | GENERAL ENAMELING CO | 2463 CHICO AVE | WIP | Higher | 1142, 0.216, NNE |
| AF297 | MARCOR OF CALIF. | 2413 LEE AVE | WIP | Lower | 1143, 0.216, WNW |
| AJ298 | CEMCO | 2465 CHICO AVE | WIP | Higher | 1148, 0.217, NNE |
| AJ299 | C K M | 2465 CHICO AVE | WIP | Higher | 1148, 0.217, NNE |
| AB300 | PACIFIC MARINE SYSTE | 9619 KLINGERMAN ST | RCRA NonGen / NLR | Higher | 1156, 0.219, NE |
| AB301 | MIKE'S MICRO PARTS | 9619 KLINGERMAN ST | WIP | Higher | 1156, 0.219, NE |
| AG302 | ENGINEERING DESIGN I | 9649 RUSH ST | CERS HAZ WASTE, CERS | Higher | 1169, 0.221, ESE |
| AC303 | TRU ETCH NAME PLATE | 9643 RUSH ST | WIP | Higher | 1181, 0.224, ESE |
| AA304 | TED LEVINE DRUM CO | 1729 CHICO AVE | AST, CERS HAZ WASTE, CERS TANKS, EMI, CERS | Lower | 1185, 0.224, SSE |
| AK305 | GOLDEN SPRING MANAGE | 2446 LEE AVE | RCRA NonGen / NLR | Lower | 1193, 0.226, NW |
| AK306 | WILLIAM L BINGLEY | 2446 LEE AVE | RCRA NonGen / NLR | Lower | 1193, 0.226, NW |
| AK307 | WILLIAM L BINGLEY | 2446 LEE AVE | HIST UST, HAZNET, HWTS | Lower | 1193, 0.226, NW |
| AK308 | LUSOL PRODUCTS | 2446 LEE AVE | SWEEPS UST, HIST UST, WIP | Lower | 1193, 0.226, NW |
| AL309 | FORMER COOPER DRUM C | 9625 EL POCHE ST | WIP | Lower | 1202, 0.228, SE |
| AL310 | COOPER DRUM COMPANY | 9629 EL POCHE | HIST UST | Lower | 1204, 0.228, SE |

## MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| AL311 | FORMER COOPER DRUM C | 9629 EL POCHE ST | CPS-SLIC, WIP, CERS | Lower | 1204, 0.228, SE |
| AJ312 | GENERAL ENAMELING CO | 2461 1/2 N CHICO | RCRA-SQG, HAZNET, HWTS | Higher | 1215, 0.230, NNE |
| AC313 | ENGINEERING DESIGN I | 9649 EAST RUSH ST | RCRA NonGen / NLR | Higher | 1216, 0.230, ESE |
| AJ314 | M. V. A. ENTERPRISES | 2466 CHICO AVE | WIP | Higher | 1224, 0.232, NNE |
| AL315 | WAYCO METALS, INC. | 9618 EL POCHE ST | WIP | Lower | 1231, 0.233, SE |
| AH316 | SUNSET LADDER CO | 2526 NO ROSEMEAD BLV | SWEEPS UST, HIST UST, LOS ANGELES CO. HMS, WIP | Higher | 1234, 0.234, NNW |
| AH317 | SUNSET LADDER CO | 2526 ROSEMEAD BLVD | HIST UST | Higher | 1234, 0.234, NNW |
| AE318 | SPECTRA TONE CO | 9635 E KLINGERMAN ST | SWEEPS UST | Higher | 1235, 0.234, ENE |
| AC319 | A & M BANDAG INC | 9642 RUSH ST | HAULERS, FINDS, EMI, WIP, CERS | Higher | 1238, 0.234, ESE |
| AG320 | NEW STAR CLOTHES CO. | 9651 RUSH ST | WIP | Higher | 1246, 0.236, ESE |
| AD321 | OPAL-LITE, INC. | 9234 RUSH ST | WIP | Lower | 1246, 0.236, WSW |
| AK322 | UNITED SPRINKLER COM | 2448 LEE AVE | HIST UST, WIP | Lower | 1252, 0.237, NW |
| AC323 | RAY'S O K TIRES INC | 9650 RUSH STREET | RCRA NonGen / NLR | Higher | 1254, 0.237, ESE |
| AC324 | RAY'S OK TIRES INC | 9650 RUSH ST | CERS HAZ WASTE, WIP | Higher | 1254, 0.237, ESE |
| AL325 | DIE CASTERS CUSTOM S | 9624 EL POCHE ST | WIP | Lower | 1255, 0.238, SE |
| AG326 | MLK LLC | 9657 E RUSH ST | RCRA NonGen / NLR | Higher | 1264, 0.239, ESE |
| AG327 | NEIGHBORHOOD DIST. C | 9657 RUSH ST | EMI, WIP | Higher | 1276, 0.242, ESE |
| AM328 | PRIME ENGINEERING | 9640 KLINGERMAN ST | CPS-SLIC, WIP, CERS | Higher | 1293, 0.245, ENE |
| AN329 | SHAW PUMP & SUPPLY I | 9660 E RUSH ST | WIP | Higher | 1295, 0.245, ESE |
| AJ330 | AMC FORKLIFT GENERAT | 2504 CHICO AVE | RCRA-SQG, FINDS, ECHO | Higher | 1300, 0.246, NNE |
| AL331 | COOPER DRUM COMPANY | 9630 EL POCHE STREET | ENVIROSTOR, ENF, WIP | Lower | 1305, 0.247, SE |
| AL332 | ACT CONTAINER CO | 9630 EL POCHE ST | RCRA-SQG, FINDS, ECHO | Lower | 1305, 0.247, SE |
| AM333 | SPECTRA-TONE PAINT C | 9635 KLINGERMAN ST | RCRA-SQG, HIST UST, HAZNET, WIP, HWTS | Higher | 1305, 0.247, ENE |
| AM334 | SPECTRA-TONE PAINT C | 9635-43 KLINGERMAN | HIST UST | Higher | 1305, 0.247, ENE |
| AN335 | AMTECH | 9662 E RUSH ST | WIP | Higher | 1307, 0.248, ESE |
| 336 | SUNRISE INDUSTRIES | 2028 LOMA AVE. | CPS-SLIC, CERS HAZ WASTE, WIP, CERS | Lower | 1315, 0.249, West |
| AI337 | BURKE ENGINEERING CO | 9700 FACTORIAL WAY. | CPS-SLIC, HAULERS, NPDES, WIP, CERS | Higher | 1362, 0.258, East |
| AM338 | FORMER PRIME ENGINEE | 9702 KLINGERMAN ST | CPS-SLIC, WIP, CERS | Higher | 1387, 0.263, ENE |
| AK339 | MARGE WARNER | 2459 LEE AVE N | LUST, Cortese, HIST CORTESE, LOS ANGELES CO. HMS,... | Lower | 1400, 0.265, NW |
| AN340 | B.I.G. ENTERPRISES, | 9702 RUSH ST. | CPS-SLIC, WIP | Higher | 1402, 0.266, ESE |
| AL341 | L&L SCREW MACH. PROD | 9653 EL POCHE ST | CPS-SLIC, WIP, CERS | Higher | 1444, 0.273, SE |
| AO342 | MEDISOL USA | 9713 FACTORIAL WAY | CPS-SLIC, WIP, CERS | Higher | 1453, 0.275, East |
| AM343 | ROC-AIRE CORP. | 9710 KLINGERMAN ST | CPS-SLIC, WIP, CERS | Higher | 1463, 0.277, ENE |
| AP344 | BARRY ZWAHLEN | 2217 LOMA | CPS-SLIC, ENF, LOS ANGELES CO. HMS, CERS | Lower | 1467, 0.278, West |
| AQ345 | ZACKY FARMS | 2325 S LOMA ST | RCRA-SQG, LUST, SWEEPS UST, HIST UST, FINDS, ECHO,... | Lower | 1557, 0.295, WNW |
| AQ346 | ZACKY FOODS CO | 2325 LOMA AVE N | LUST, CERS | Lower | 1557, 0.295, WNW |
| AQ347 | ZACKY FOODS CO | 2325 LOMA AVE N | Cortese | Lower | 1557, 0.295, WNW |
| AO348 | SQUARE TOOL & MACHIN | 9730 FACTORIAL WAY | RCRA-SQG, LUST, SWEEPS UST, HIST UST, FINDS, ECHO,... | Higher | 1702, 0.322, East |
| AO349 | SQUARE TOOL & MACHIN | 9730 FACTORIAL | HIST CORTESE | Higher | 1702, 0.322, East |

## MAPPED SITES SUMMARY

Target Property Address:
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| AP350 | BARRY ZWAHLEN/PRIVAT | 2223 LOMA AVE | LUST, Cortese, HIST CORTESE, CERS | Lower | 1710, 0.324, West |
| 351 | COATINGS RESOURCE CO | 2552 LEE AVE | CPS-SLIC, WIP, CERS | Higher | 1753, 0.332, NW |
| 352 | ZAPATA ENTERPRISES | 1612 CHICO AVE. | CPS-SLIC, WIP | Lower | 1758, 0.333, SSE |
| AR353 | HARMAC COMPANY | 9742 KLINGERMAN ST. | CPS-SLIC, WIP, CERS | Higher | 1767, 0.335, ENE |
| AS354 | SUNNIE BROTHERS BLIN | 9649 REMER ST. | CPS-SLIC, EMI, WIP, CERS | Lower | 1772, 0.336, SE |
| AR355 | HARMAC COMPANY | 9739 KLINGERMAN ST. | CPS-SLIC, CERS | Higher | 1775, 0.336, ENE |
| 356 | VAGA INDUSTRIES | 2505 LOMA AVE | RCRA-LQG, ENVIROSTOR, SWEEPS UST, HIST UST, ICIS,... | Lower | 1842, 0.349, NW |
| AS357 | OTTO PARTS | 9659 REMER ST | CPS-SLIC, WIP, CERS, HWTS | Lower | 1858, 0.352, SE |
| AR358 | FALCO RACK INC | 9751 KLINGERMAN ST | RCRA-SQG, CPS-SLIC, SWEEPS UST, HIST UST, LOS... | Higher | 1859, 0.352, ENE |
| AR359 | ASTRONAUTIC ENAMELER | 9758 KLINGERMAN ST | CPS-SLIC, ENF, WIP, CERS | Higher | 1925, 0.365, ENE |
| 360 | COMBINED TRADING (US | 1600 CHICO AVE. | CPS-SLIC, WIP | Lower | 1992, 0.377, SSE |
| 361 | B.I.G ENTERPRISES, I | 1919 POTRERO AVE | CPS-SLIC, WIP, CERS | Higher | 2039, 0.386, ESE |
| 362 | OBE TOOL & DIES | 9742 ALPACA ST | CPS-SLIC, WIP, CERS | Higher | 2117, 0.401, SE |
| 363 | INSUL ACOUSTICS INC | 1430 CHICO AVE | CPS-SLIC, SWEEPS UST, EMI, ENF, WIP, CERS | Lower | 2127, 0.403, SSE |
| 364 | VANSCO | 2652 LASHBROOK AVE. | CPS-SLIC, CERS HAZ WASTE, WIP, CERS | Higher | 2144, 0.406, North |
| AT365 | WESTERN WELDING AND | 9823 RUSH ST | CPS-SLIC, WIP, CERS | Higher | 2171, 0.411, East |
| AT366 | UNIVERSAL THREAD /SE | 9810 RUSH ST | CPS-SLIC, WIP, CERS | Higher | 2201, 0.417, ESE |
| AU367 | CLAMP MANUFACTURING | 1503 ADELIA AVE | CPS-SLIC, WIP, CERS | Lower | 2353, 0.446, SSE |
| 368 | SEACHROME CORPORATIO | 9831 KLINGERMAN ST | CPS-SLIC, HIST UST, EMI, ENF, WIP, CERS | Higher | 2363, 0.448, ENE |
| AV369 | MARTIN LITWIN DUMP | 1626 ROSEMEAD BOULEV | SWF/LF, LOS ANGELES CO LF METHANE | Lower | 2395, 0.454, South |
| AV370 | MARTIN LITWIN | 1626 ROSEMEAD BLVD | SWF/LF, CERS | Lower | 2395, 0.454, South |
| 371 | TONKS PROPERTIES | 1432 CHICO AVE | CPS-SLIC, WIP, CERS | Lower | 2579, 0.488, SSE |
| 372 | SKYWAYS INSPECTION | 9853 E. RUSH ST | CPS-SLIC, WIP, CERS | Higher | 2588, 0.490, ESE |
| AU373 | SCI INDUSTRIES, INC. | 1433 ADELIA AVE | CPS-SLIC, WIP, CERS | Lower | 2601, 0.493, SSE |
| AU374 | CONTRACTORS RUBBER S | 1431 ADELIA AVE | CPS-SLIC, WIP, CERS | Lower | 2607, 0.494, SSE |
| AW375 | ALUM-A-COAT | 9859 E. KALE STREET | ENVIROSTOR | Higher | 2675, 0.507, ENE |
| AW376 | ALUM-A-COAT INC | 2439 SEAMAN AVENUE | ENVIROSTOR | Higher | 2870, 0.544, ENE |
| 377 | EL MONTE DISPOSAL SE | STORAGE YARD, MAPLE | RESPONSE, ENVIROSTOR, HIST Cal-Sites | Higher | 2932, 0.555, East |
| AX378 | USAR OD TRAINING AR | | ENVIROSTOR | Lower | 3174, 0.601, SW |
| AX379 | USAR OUTDR TRAINNG A | | FUDS | Lower | 3181, 0.602, SW |
| AY380 | FORMER NIKE SITE LA- | | FUDS | Lower | 3455, 0.654, SSE |
| AY381 | NIKE SITE 14 - LA LA | | ENVIROSTOR | Lower | 3460, 0.655, SSE |
| AZ382 | LA DEF AREA NIKE BTR | | FUDS | Lower | 4642, 0.879, SE |
| AZ383 | LA DEF AREA NIKE BAT | | ENVIROSTOR | Lower | 4643, 0.879, SE |

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

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

## STANDARD ENVIRONMENTAL RECORDS

### *Federal NPL site list*

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

### *Federal Delisted NPL site list*

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

### *Federal CERCLIS list*

FEDERAL FACILITY ---------- Federal Facility Site Information listing

### *Federal RCRA CORRACTS facilities list*

CORRACTS ---------- Corrective Action Report

### *Federal RCRA generators list*

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

### *Federal institutional controls / engineering controls registries*

LUCIS ---------- Land Use Control Information System
US INST CONTROLS ---------- Institutional Controls Sites List

### *Federal ERNS list*

ERNS ---------- Emergency Response Notification System

### *State and tribal leaking storage tank lists*

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

### *State and tribal registered storage tank lists*

FEMA UST ---------- Underground Storage Tank Listing

INDIAN UST ---- Underground Storage Tanks on Indian Land

***State and tribal voluntary cleanup sites***

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

***State and tribal Brownfields sites***

BROWNFIELDS ---- Considered Brownfieds Sites Listing

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS ---- A Listing of Brownfields Sites

***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT ---- Waste Management Unit Database
SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL ---- Delisted National Clandestine Laboratory Register
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing

***Local Lists of Registered Storage Tanks***

CA FID UST ---- Facility Inventory Database

***Local Land Records***

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information
DEED ---- Deed Restriction Listing

***Records of Emergency Release Reports***

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

***Other Ascertainable Records***

DOD ---- Department of Defense Sites

# EXECUTIVE SUMMARY

| | |
|---|---|
| SCRD DRYCLEANERS | State Coalition for Remediation of Drycleaners Listing |
| US FIN ASSUR | Financial Assurance Information |
| EPA WATCH LIST | EPA WATCH LIST |
| 2020 COR ACTION | 2020 Corrective Action Program List |
| TSCA | Toxic Substances Control Act |
| TRIS | Toxic Chemical Release Inventory System |
| SSTS | Section 7 Tracking Systems |
| RMP | Risk Management Plans |
| RAATS | RCRA Administrative Action Tracking System |
| PADS | PCB Activity Database System |
| FTTS | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) |
| MLTS | Material Licensing Tracking System |
| COAL ASH DOE | Steam-Electric Plant Operation Data |
| COAL ASH EPA | Coal Combustion Residues Surface Impoundments List |
| PCB TRANSFORMER | PCB Transformer Registration Database |
| RADINFO | Radiation Information Database |
| HIST FTTS | FIFRA/TSCA Tracking System Administrative Case Listing |
| DOT OPS | Incident and Accident Data |
| INDIAN RESERV | Indian Reservations |
| FUSRAP | Formerly Utilized Sites Remedial Action Program |
| UMTRA | Uranium Mill Tailings Sites |
| LEAD SMELTERS | Lead Smelter Sites |
| US MINES | Mines Master Index File |
| ABANDONED MINES | Abandoned Mines |
| DOCKET HWC | Hazardous Waste Compliance Docket Listing |
| ECHO | Enforcement & Compliance History Information |
| UXO | Unexploded Ordnance Sites |
| FUELS PROGRAM | EPA Fuels Program Registered Listing |
| CA BOND EXP. PLAN | Bond Expenditure Plan |
| CUPA Listings | CUPA Resources List |
| ENF | Enforcement Action Listing |
| Financial Assurance | Financial Assurance Information Listing |
| ICE | ICE |
| MINES | Mines Site Location Listing |
| MWMP | Medical Waste Management Program Listing |
| PEST LIC | Pesticide Regulation Licenses Listing |
| PROC | Certified Processors Database |
| Notify 65 | Proposition 65 Records |
| LA Co. Site Mitigation | Site Mitigation List |
| UIC | UIC Listing |
| UIC GEO | UIC GEO (GEOTRACKER) |
| WASTEWATER PITS | Oil Wastewater Pits Listing |
| MILITARY PRIV SITES | MILITARY PRIV SITES (GEOTRACKER) |
| PROJECT | PROJECT (GEOTRACKER) |
| WDR | Waste Discharge Requirements Listing |
| CIWQS | California Integrated Water Quality System |
| CERS | CERS |
| NON-CASE INFO | NON-CASE INFO (GEOTRACKER) |
| OTHER OIL GAS | OTHER OIL & GAS (GEOTRACKER) |
| PROD WATER PONDS | PROD WATER PONDS (GEOTRACKER) |
| SAMPLING POINT | SAMPLING POINT (GEOTRACKER) |
| WELL STIM PROJ | Well Stimulation Project (GEOTRACKER) |
| MINES MRDS | Mineral Resources Data System |
| HWTS | Hazardous Waste Tracking System |

# EXECUTIVE SUMMARY

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP---------- EDR Proprietary Manufactured Gas Plants

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

RGA LF---------- Recovered Government Archive Solid Waste Facilities List

**SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

**STANDARD ENVIRONMENTAL RECORDS**

***Federal NPL site list***

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/27/2020 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SAN GABRIEL VALLEY (***<br>Cerclis ID:: 901951<br>EPA Id: CAD980677355 | ***PECK RD & REAL*** | ***0 - 1/8 (0.000 mi.)*** | ***0*** | ***9*** |

***Federal CERCLIS list***

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains

data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/27/2020 has revealed that there are 2 SEMS sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SAN GABRIEL VALLEY (*** Site ID: 0901951 EPA Id: CAD980677355 | ***PECK RD & REAL*** | ***0 - 1/8 (0.000 mi.)*** | ***0*** | ***9*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| BROADWAY PLASTIC | 2423 N. TROY AVE. | NW 1/8 - 1/4 (0.150 mi.) | V193 | 683 |

***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/27/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***PARAGON PRESS*** Site ID: 0903369 EPA Id: CAD008246746 | ***9323 RUSH ST*** | ***WSW 1/8 - 1/4 (0.155 mi.)*** | ***R204*** | ***725*** |

***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/23/2020 has revealed that there is 1

RCRA-TSDF site within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***PARAGON PRESS*** EPA ID:: CAD008246746 | ***9323 RUSH ST*** | ***WSW 1/8 - 1/4 (0.155 mi.)*** | ***R204*** | ***725*** |

***Federal RCRA generators list***

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/23/2020 has revealed that there are 4 RCRA-LQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***FORMER EL MONTE ALLO*** EPA ID:: CAD982464141 | ***2023 N CHICO AVE*** | ***ESE 0 - 1/8 (0.123 mi.)*** | ***P157*** | ***595*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***JENCO PLATING INC*** EPA ID:: CAD981450562 | ***9536 RUSH ST.*** | ***SE 0 - 1/8 (0.093 mi.)*** | ***N121*** | ***495*** |
| GOLDEN COLOR PRINTIN EPA ID:: CAR000172932 | 9353 RUSH ST | WSW 0 - 1/8 (0.120 mi.) | G153 | 571 |
| ***TED LEVINE DRUM CO*** EPA ID:: CAD106854177 | ***1817 CHICO AVE*** | ***SE 0 - 1/8 (0.121 mi.)*** | ***N154*** | ***574*** |

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/23/2020 has revealed that there are 23 RCRA-SQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***TIP TOP LABEL CO*** EPA ID:: CAD981396294 | ***2207 1/2 CHICO AVE*** | ***ENE 0 - 1/8 (0.112 mi.)*** | ***M138*** | ***530*** |
| ***SHIELD CHEMICALS INC*** EPA ID:: CAD008281032 | ***2026 N CHICO ST*** | ***ESE 1/8 - 1/4 (0.130 mi.)*** | ***P164*** | ***607*** |
| ***MANUFACTURERS SERVIC*** EPA ID:: CAD981684392 | ***2210 CHICO AVE.*** | ***ENE 1/8 - 1/4 (0.137 mi.)*** | ***M172*** | ***622*** |
| ***FLEXFIRM PRODS*** | ***2300 N CHICO AVE*** | ***NE 1/8 - 1/4 (0.146 mi.)*** | ***Q185*** | ***652*** |

| | | | | |
|---|---|---|---|---|
| EPA ID:: CAD047444633 | | | | |
| ***HOOTER BROS ENAMELIN*** EPA ID:: CAD008337289 | ***2460 N ROSEMEAD BLVD*** | ***NNW 1/8 - 1/4 (0.168 mi.)*** | ***W217*** | ***757*** |
| ***EL MONTE STEEL TREAT*** EPA ID:: CAD062079678 | ***2456 N ROSEMEAD BLVD*** | ***NNW 1/8 - 1/4 (0.172 mi.)*** | ***W222*** | ***767*** |
| ***A AND G COMPRESSOR P*** EPA ID:: CAR000064394 | ***2410 N CHICO*** | ***NE 1/8 - 1/4 (0.202 mi.)*** | ***X268*** | ***840*** |
| ***ARTEESTIC GARMENT PR*** EPA ID:: CAD983667650 | ***9609 KLINGERMAN ST*** | ***NE 1/8 - 1/4 (0.205 mi.)*** | ***AB273*** | ***847*** |
| ***GENERAL ENAMELING CO*** EPA ID:: CAD008338287 | ***2461 1/2 N CHICO*** | ***NNE 1/8 - 1/4 (0.230 mi.)*** | ***AJ312*** | ***927*** |
| ***AMC FORKLIFT GENERAT*** EPA ID:: CAD982323776 | ***2504 CHICO AVE*** | ***NNE 1/8 - 1/4 (0.246 mi.)*** | ***AJ330*** | ***949*** |
| ***SPECTRA-TONE PAINT C*** EPA ID:: CAD981678170 | ***9635 KLINGERMAN ST*** | ***ENE 1/8 - 1/4 (0.247 mi.)*** | ***AM333*** | ***960*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DITTY CONTAINER*** EPA ID:: CAD028126977 | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A8*** | ***66*** |
| ***MOORE JOHN B CORP*** EPA ID:: CAD077959997 | ***2128 N ROSEMEAD BLVD*** | ***W 0 - 1/8 (0.007 mi.)*** | ***A34*** | ***267*** |
| ***ASTRO SEAL INC*** EPA ID:: CAD982439572 | ***9452 E RUSH ST*** | ***SSE 0 - 1/8 (0.021 mi.)*** | ***B46*** | ***280*** |
| ***LOS ANGELES DIE MOLD*** EPA ID:: CAD008343469 | ***1942 N ROSEMEAD BLVD*** | ***SSW 0 - 1/8 (0.062 mi.)*** | ***E89*** | ***427*** |
| ***EL MONTE LEAD SALVAG*** EPA ID:: CAD048480719 | ***9517 E RUSH ST*** | ***SE 0 - 1/8 (0.071 mi.)*** | ***F93*** | ***434*** |
| TEXACO SERVICE STATI EPA ID:: CAR000126474 | 1955 ROSEMEAD BLVD | SW 0 - 1/8 (0.090 mi.) | K113 | 485 |
| ARC TRONICS EPA ID:: CAD983659475 | 9539 E RUSH ST | SE 0 - 1/8 (0.097 mi.) | N125 | 518 |
| ***G & M BACKHOE SERVIC*** EPA ID:: CAD982481947 | ***2402 TROY AVE*** | ***NW 0 - 1/8 (0.116 mi.)*** | ***L149*** | ***564*** |
| ***APPLE GRAPHICS INC*** EPA ID:: CAD982516791 | ***2101 TROY AVE*** | ***WSW 0 - 1/8 (0.124 mi.)*** | ***J159*** | ***598*** |
| ***CONTRACTORS LIFT TRU*** EPA ID:: CAD981159437 | ***2423 N TROY ST*** | ***NW 1/8 - 1/4 (0.150 mi.)*** | ***V192*** | ***681*** |
| ***SMITTYBILT INC*** EPA ID:: CAD982522658 | ***2112 LEE AVE*** | ***W 1/8 - 1/4 (0.173 mi.)*** | ***Z226*** | ***775*** |
| ***ACT CONTAINER CO*** EPA ID:: CAD000072231 | ***9630 EL POCHE ST*** | ***SE 1/8 - 1/4 (0.247 mi.)*** | ***AL332*** | ***958*** |

***Federal institutional controls / engineering controls registries***

US ENG CONTROLS: A listing of sites with engineering controls in place.

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

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SAN GABRIEL VALLEY (*** | ***PECK RD & REAL*** | ***0 - 1/8 (0.000 mi.)*** | ***0*** | ***9*** |
| EPA ID:: CAD980677355 | | | | |
| EPA ID:: CAD980677355 | | | | |

***State- and tribal - equivalent NPL***

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

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

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***EL MONTE DISPOSAL SE*** | ***STORAGE YARD, MAPLE*** | ***E 1/2 - 1 (0.555 mi.)*** | ***377*** | ***1118*** |
| Database: RESPONSE, Date of Government Version: 01/27/2020 | | | | |
| Status: Certified | | | | |
| Facility Id: 19490219 | | | | |

***State- and tribal - equivalent CERCLIS***

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/27/2020 has revealed that there are 10 ENVIROSTOR sites within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ALUM-A-COAT | 9859 E. KALE STREET | ENE 1/2 - 1 (0.507 mi.) | AW375 | 1116 |
| Facility Id: 71003529 | | | | |
| Status: Refer: Other Agency | | | | |
| ALUM-A-COAT INC | 2439 SEAMAN AVENUE | ENE 1/2 - 1 (0.544 mi.) | AW376 | 1117 |
| Facility Id: 19340725 | | | | |

Status: Refer: Other Agency

| | | | | |
|---|---|---|---|---|
| ***EL MONTE DISPOSAL SE*** | ***STORAGE YARD, MAPLE*** | ***E 1/2 - 1 (0.555 mi.)*** | ***377*** | ***1118*** |
| Facility Id: 19490219<br>Status: Certified | | | | |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***JENCO PLATING INC***<br>Facility Id: 71002854<br>Status: Refer: Other Agency | ***9536 RUSH ST.*** | ***SE 0 - 1/8 (0.093 mi.)*** | ***N121*** | ***495*** |
| ***BOER GRAPHICS (ROBER***<br>Facility Id: 80001533<br>Status: Inactive - Needs Evaluation | ***9323 RUSH ST*** | ***WSW 1/8 - 1/4 (0.155 mi.)*** | ***R205*** | ***736*** |
| ***COOPER DRUM COMPANY***<br>Facility Id: 19500245<br>Status: Refer: RWQCB | ***9630 EL POCHE STREET*** | ***SE 1/8 - 1/4 (0.247 mi.)*** | ***AL331*** | ***950*** |
| ***VAGA INDUSTRIES***<br>Facility Id: 71002320<br>Status: Refer: Other Agency | ***2505 LOMA AVE*** | ***NW 1/4 - 1/2 (0.349 mi.)*** | ***356*** | ***1054*** |
| USAR OD TRAINING AR<br>Facility Id: 80000492<br>Status: Inactive - Needs Evaluation | | SW 1/2 - 1 (0.601 mi.) | AX378 | 1121 |
| NIKE SITE 14 - LA LA<br>Facility Id: 80000745<br>Status: Inactive - Needs Evaluation | | SSE 1/2 - 1 (0.655 mi.) | AY381 | 1124 |
| LA DEF AREA NIKE BAT<br>Facility Id: 80000283<br>Status: Inactive - Needs Evaluation | | SE 1/2 - 1 (0.879 mi.) | AZ383 | 1125 |

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***MARTIN LITWIN DUMP***<br>Database: LOS ANGELES CO. LF, Date of Government Version: 01/13/2020<br>Site ID: 1983<br>Status: Closed | ***1626 ROSEMEAD BOULEV*** | ***S 1/4 - 1/2 (0.454 mi.)*** | ***AV369*** | ***1110*** |
| ***MARTIN LITWIN***<br>Database: SWF/LF (SWIS), Date of Government Version: 02/10/2020<br>Facility ID: 19-AA-5119<br>Operational Status: Closed<br>Regulation Status: Unpermitted | ***1626 ROSEMEAD BLVD*** | ***S 1/4 - 1/2 (0.454 mi.)*** | ***AV370*** | ***1111*** |

# EXECUTIVE SUMMARY

***State and tribal leaking storage tank lists***

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

A review of the LUST list, as provided by EDR, has revealed that there are 20 LUST sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***E C CONSTRUCTION CO*** | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D86*** | ***387*** |
| Database: LUST REG 4, Date of Government Version: 09/07/2004 | | | | |
| Database: LUST, Date of Government Version: 05/13/2020 | | | | |
| Status: Completed - Case Closed | | | | |
| Facility Id: I-14000 | | | | |
| Status: Case Closed | | | | |
| Global Id: T0603704128 | | | | |
| Global ID: T0603704128 | | | | |
| ***GARVEY PLUMBING & HA*** | ***2108 CHICO AVE*** | ***E 1/8 - 1/4 (0.134 mi.)*** | ***O169*** | ***615*** |
| Database: LUST REG 4, Date of Government Version: 09/07/2004 | | | | |
| Database: LUST, Date of Government Version: 05/13/2020 | | | | |
| Status: Completed - Case Closed | | | | |
| Facility Id: I-15916 | | | | |
| Status: Case Closed | | | | |
| Global Id: T0603704364 | | | | |
| Global ID: T0603704364 | | | | |
| ***FORMS & SERVICES/MET*** | ***2112 CHICO AVE N*** | ***E 1/8 - 1/4 (0.137 mi.)*** | ***O173*** | ***632*** |
| Database: LUST REG 4, Date of Government Version: 09/07/2004 | | | | |
| Database: LUST, Date of Government Version: 05/13/2020 | | | | |
| Status: Completed - Case Closed | | | | |
| Facility Id: R-25424 | | | | |
| Status: Case Closed | | | | |
| Global Id: T0603705504 | | | | |
| Global ID: T0603705504 | | | | |
| ***OWEN BROTHERS ENTERP*** | ***9608 E RUSH STREET*** | ***ESE 1/8 - 1/4 (0.152 mi.)*** | ***P197*** | ***687*** |
| Database: LUST, Date of Government Version: 05/13/2020 | | | | |
| Status: Completed - Case Closed | | | | |
| Global Id: T0603727461 | | | | |
| ***CHAMP CORP.*** | ***2500 ROSEMEAD BLVD N*** | ***NNW 1/8 - 1/4 (0.183 mi.)*** | ***W240*** | ***815*** |
| Database: LUST REG 4, Date of Government Version: 09/07/2004 | | | | |
| Database: LUST, Date of Government Version: 05/13/2020 | | | | |
| Status: Completed - Case Closed | | | | |
| Facility Id: I-09430 | | | | |
| Status: Case Closed | | | | |
| Global Id: T0603703419 | | | | |
| Global ID: T0603703419 | | | | |
| ***ROBERT BRKICH CONSTR*** | ***9638 RUSH ST*** | ***ESE 1/8 - 1/4 (0.211 mi.)*** | ***AC280*** | ***856*** |
| Database: LUST REG 4, Date of Government Version: 09/07/2004 | | | | |
| Facility Id: I-16223 | | | | |
| Status: Case Closed | | | | |
| Global ID: T0603704396 | | | | |
| ***ROBERT BRKICH CONSTR*** | ***9638 RUSH ST*** | ***ESE 1/8 - 1/4 (0.211 mi.)*** | ***AC281*** | ***858*** |
| Database: LUST, Date of Government Version: 05/13/2020 | | | | |

Status: Completed - Case Closed
Global Id: T0603704396

***SQUARE TOOL & MACHIN*** ***9730 FACTORIAL WAY*** ***E 1/4 - 1/2 (0.322 mi.)*** ***AO348*** ***1003***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: R-09220
Status: Case Closed
Global Id: T0603704789
Global ID: T0603704789

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|

***DITTY CONTAINER*** ***2200 N ROSEMEAD BLVD*** ***0 - 1/8 (0.000 mi.)*** ***A8*** ***66***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 107.0266
Status: Pollution Characterization
Global ID: T0603700161

***GILMORE LIQUID AIR C*** ***9503 RUSH ST E*** ***SSE 0 - 1/8 (0.021 mi.)*** ***B45*** ***277***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: I-11693
Status: Case Closed
Global Id: T0603703833
Global ID: T0603703833

***UNOCAL #3520*** ***9408 RUSH ST E*** ***SSW 0 - 1/8 (0.031 mi.)*** ***E51*** ***285***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: R-03664
Status: Case Closed
Global Id: T0603704623
Global ID: T0603704623

***VALLEY CITIES SUPPLY*** ***9510 RUSH ST*** ***SSE 0 - 1/8 (0.039 mi.)*** ***F66*** ***328***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: I-09173
Status: Case Closed
Global Id: T0603703352
Global ID: T0603703352

***LOS ANGELES DIE MOLD*** ***1942 N ROSEMEAD BLVD*** ***SSW 0 - 1/8 (0.062 mi.)*** ***E89*** ***427***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 001824
Status: Preliminary site assessment workplan submitted
Global ID: T0603700031

***TEXACO #61-106-00057*** ***1955 ROSEMEAD BLVD N*** ***SW 0 - 1/8 (0.090 mi.)*** ***K105*** ***449***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: R-06035
Status: Case Closed

Global Id: T0603792353
Global Id: T0603704711
Global ID: T0603704711

***SHELL SERVICE STATIO*** ***1955 ROSEMEAD BLVD.*** ***SW 0 - 1/8 (0.090 mi.)*** ***K108*** ***476***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: R-06035A
Status: Pollution Characterization
Global ID: T0603792353

***SHELL SERVICE STATIO*** ***1955 ROSEMEAD BLVD.*** ***SW 0 - 1/8 (0.090 mi.)*** ***K109*** ***480***
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Global Id: T0603716237

***MARGE WARNER*** ***2459 LEE AVE N*** ***NW 1/4 - 1/2 (0.265 mi.)*** ***AK339*** ***983***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: I-23117
Status: Case Closed
Global Id: T0603704498
Global ID: T0603704498

***ZACKY FARMS*** ***2325 S LOMA ST*** ***WNW 1/4 - 1/2 (0.295 mi.)*** ***AQ345*** ***994***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: R-03835
Status: Leak being confirmed
Global ID: T0603792888

***ZACKY FOODS CO*** ***2325 LOMA AVE N*** ***WNW 1/4 - 1/2 (0.295 mi.)*** ***AQ346*** ***1000***
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Global Id: T0603792888

***BARRY ZWAHLEN/PRIVAT*** ***2223 LOMA AVE*** ***W 1/4 - 1/2 (0.324 mi.)*** ***AP350*** ***1046***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: 107.0416
Status: Case Closed
Global Id: T0603700165
Global ID: T0603700165

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 50 CPS-SLIC sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***HYDE ENGINEERING COR*** | ***2428 ROSEMEAD BLVD*** | ***NNW 0 - 1/8 (0.094 mi.)*** | ***I122*** | ***517*** |
| Database: CPS-SLIC, Date of Government Version: 05/13/2020<br>Facility Status: Completed - Case Closed<br>Global Id: SL603798776 | | | | |
| ***SILVER STREAK TRAILE*** | ***2319 CHICO AVE*** | ***NE 1/8 - 1/4 (0.126 mi.)*** | ***Q161*** | ***605*** |
| Database: CPS-SLIC, Date of Government Version: 05/13/2020 | | | | |

Facility Status: Completed - Case Closed
Global Id: SL603798807

***GARVEY PLUMBING & HA*** ***2108 CHICO AVE*** ***E 1/8 - 1/4 (0.134 mi.)*** ***O169*** ***615***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798833

***MANUFACTURERS SERVIC*** ***2210 CHICO AVE.*** ***ENE 1/8 - 1/4 (0.137 mi.)*** ***M172*** ***622***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798748

***SHIELD CHEMICALS*** ***2026 CHICO AVE*** ***ESE 1/8 - 1/4 (0.137 mi.)*** ***O177*** ***643***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798749

***MONTEREY CASKET CO.,*** ***2404 CHICO AVE.*** ***NE 1/8 - 1/4 (0.153 mi.)*** ***Q200*** ***721***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798826

***HOOTER BROS ENAMELIN*** ***2460 N ROSEMEAD BLVD*** ***NNW 1/8 - 1/4 (0.168 mi.)*** ***W217*** ***757***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798716

***RAYPACK, INC.*** ***2410 & 2416 CHICO AV*** ***NE 1/8 - 1/4 (0.169 mi.)*** ***Q218*** ***763***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798771

***M & T*** ***2500 N. ROSEMEAD*** ***NNW 1/8 - 1/4 (0.183 mi.)*** ***W239*** ***813***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798705

***BULWARK CORP.*** ***9624 RUSH ST.*** ***ESE 1/8 - 1/4 (0.186 mi.)*** ***AC246*** ***824***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798762

***AMERICAN GENERAL BUS*** ***2430 CHICO AVE*** ***ENE 1/8 - 1/4 (0.202 mi.)*** ***AB267*** ***839***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798828

***PAUL PACIFIC PLUMBIN*** ***2463 CHICO AVE*** ***NNE 1/8 - 1/4 (0.216 mi.)*** ***AJ295*** ***869***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798827

***PRIME ENGINEERING*** ***9640 KLINGERMAN ST*** ***ENE 1/8 - 1/4 (0.245 mi.)*** ***AM328*** ***947***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798800

***BURKE ENGINEERING CO*** ***9700 FACTORIAL WAY.*** ***E 1/4 - 1/2 (0.258 mi.)*** ***AI337*** ***979***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798763

***FORMER PRIME ENGINEE*** ***9702 KLINGERMAN ST*** ***ENE 1/4 - 1/2 (0.263 mi.)*** ***AM338*** ***982***
Database: CPS-SLIC, Date of Government Version: 05/13/2020

Facility Status: Completed - Case Closed
Global Id: SL603798872

***B.I.G. ENTERPRISES,*** ***9702 RUSH ST.*** ***ESE 1/4 - 1/2 (0.266 mi.)*** ***AN340*** ***986***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798797

***L&L SCREW MACH. PROD*** ***9653 EL POCHE ST*** ***SE 1/4 - 1/2 (0.273 mi.)*** ***AL341*** ***987***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798784

***MEDISOL USA*** ***9713 FACTORIAL WAY*** ***E 1/4 - 1/2 (0.275 mi.)*** ***AO342*** ***988***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798761

***ROC-AIRE CORP.*** ***9710 KLINGERMAN ST*** ***ENE 1/4 - 1/2 (0.277 mi.)*** ***AM343*** ***989***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798803

***COATINGS RESOURCE CO*** ***2552 LEE AVE*** ***NW 1/4 - 1/2 (0.332 mi.)*** ***351*** ***1049***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798709

***HARMAC COMPANY*** ***9742 KLINGERMAN ST.*** ***ENE 1/4 - 1/2 (0.335 mi.)*** ***AR353*** ***1051***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798830

***HARMAC COMPANY*** ***9739 KLINGERMAN ST.*** ***ENE 1/4 - 1/2 (0.336 mi.)*** ***AR355*** ***1053***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798751

***FALCO RACK INC*** ***9751 KLINGERMAN ST*** ***ENE 1/4 - 1/2 (0.352 mi.)*** ***AR358*** ***1071***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603792703

***ASTRONAUTIC ENAMELER*** ***9758 KLINGERMAN ST*** ***ENE 1/4 - 1/2 (0.365 mi.)*** ***AR359*** ***1081***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798750

***B.I.G ENTERPRISES, I*** ***1919 POTRERO AVE*** ***ESE 1/4 - 1/2 (0.386 mi.)*** ***361*** ***1087***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798842

***OBE TOOL & DIES*** ***9742 ALPACA ST*** ***SE 1/4 - 1/2 (0.401 mi.)*** ***362*** ***1088***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798760

***VANSCO*** ***2652 LASHBROOK AVE.*** ***N 1/4 - 1/2 (0.406 mi.)*** ***364*** ***1098***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798811

***WESTERN WELDING AND*** ***9823 RUSH ST*** ***E 1/4 - 1/2 (0.411 mi.)*** ***AT365*** ***1100***
Database: CPS-SLIC, Date of Government Version: 05/13/2020

Facility Status: Open - Inactive
Global Id: SL603798781

***UNIVERSAL THREAD /SE*** ***9810 RUSH ST*** ***ESE 1/4 - 1/2 (0.417 mi.)*** ***AT366*** ***1100***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798794

***SEACHROME CORPORATIO*** ***9831 KLINGERMAN ST*** ***ENE 1/4 - 1/2 (0.448 mi.)*** ***368*** ***1103***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Site Assessment
Global Id: SL603798731

***SKYWAYS INSPECTION*** ***9853 E. RUSH ST*** ***ESE 1/4 - 1/2 (0.490 mi.)*** ***372*** ***1113***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798808

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|

***PACIFIC COAST DRUM C*** ***2200 N. ROSEMEAD BLV*** ***0 - 1/8 (0.000 mi.)*** ***A10*** ***95***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798723

***CHEMRITE CORPORATION*** ***2128 NO ROSEMEAD BLV*** ***W 0 - 1/8 (0.007 mi.)*** ***A32*** ***261***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798706

***ASTRO SEAL, INC.*** ***9444 RUSH ST*** ***S 0 - 1/8 (0.017 mi.)*** ***B38*** ***269***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798758

RAYMOND DOLLAR CORP. 2206 TROY W 0 - 1/8 (0.089 mi.) H103 448
Database: SLIC REG 4, Date of Government Version: 11/17/2004
Facility Status: No further action required

TED LEVINE DRUM CHIC 1913 AND 1927 CHICO SE 1/8 - 1/4 (0.148 mi.) U187 676
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Assessment & Interim Remedial Action
Global Id: T10000011783

***AIRCRAFT STAMPING CO*** ***1924 CHICO AVE*** ***SE 1/8 - 1/4 (0.180 mi.)*** ***U234*** ***785***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798757

***TED LEVINE DRUM - GR*** ***1729,1807 AND 1817 C*** ***SSE 1/8 - 1/4 (0.184 mi.)*** ***AA243*** ***820***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Assessment & Interim Remedial Action
Global Id: SL603792672

***FORMER COOPER DRUM C*** ***9629 EL POCHE ST*** ***SE 1/8 - 1/4 (0.228 mi.)*** ***AL311*** ***925***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Site Assessment
Global Id: SL0603743808

***SUNRISE INDUSTRIES*** ***2028 LOMA AVE.*** ***W 1/8 - 1/4 (0.249 mi.)*** ***336*** ***975***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive

Global Id: SL603798810

***BARRY ZWAHLEN*** ***2217 LOMA*** ***W 1/4 - 1/2 (0.278 mi.)*** ***AP344*** ***990***
Database: SLIC REG 4, Date of Government Version: 11/17/2004
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798741

***ZAPATA ENTERPRISES*** ***1612 CHICO AVE.*** ***SSE 1/4 - 1/2 (0.333 mi.)*** ***352*** ***1050***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: T10000014297

***SUNNIE BROTHERS BLIN*** ***9649 REMER ST.*** ***SE 1/4 - 1/2 (0.336 mi.)*** ***AS354*** ***1052***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798793

***OTTO PARTS*** ***9659 REMER ST*** ***SE 1/4 - 1/2 (0.352 mi.)*** ***AS357*** ***1070***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798798

***COMBINED TRADING (US*** ***1600 CHICO AVE.*** ***SSE 1/4 - 1/2 (0.377 mi.)*** ***360*** ***1086***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: T10000014296

***INSUL ACOUSTICS INC*** ***1430 CHICO AVE*** ***SSE 1/4 - 1/2 (0.403 mi.)*** ***363*** ***1089***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798812

***CLAMP MANUFACTURING*** ***1503 ADELIA AVE*** ***SSE 1/4 - 1/2 (0.446 mi.)*** ***AU367*** ***1101***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798766

***TONKS PROPERTIES*** ***1432 CHICO AVE*** ***SSE 1/4 - 1/2 (0.488 mi.)*** ***371*** ***1112***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798778

***SCI INDUSTRIES, INC.*** ***1433 ADELIA AVE*** ***SSE 1/4 - 1/2 (0.493 mi.)*** ***AU373*** ***1114***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SL603798795

***CONTRACTORS RUBBER S*** ***1431 ADELIA AVE*** ***SSE 1/4 - 1/2 (0.494 mi.)*** ***AU374*** ***1115***
Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Open - Inactive
Global Id: SL603798767

***State and tribal registered storage tank lists***

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

A review of the UST list, as provided by EDR, has revealed that there are 9 UST sites within

approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| OWEN BROTHERS ENTERP<br>Database: UST CLOSURE, Date of Government Version: 03/09/2020 | 9608 EAST RUSH STREE | ESE 1/8 - 1/4 (0.152 mi.) | P198 | 691 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| DITTY CONTAINER<br>Database: UST, Date of Government Version: 03/09/2020<br>Facility Id: 4601 | 2226 ROSEMEAD BLVD | 0 - 1/8 (0.000 mi.) | A20 | 246 |
| SOUTH EL MONTE ARCO<br>Database: UST, Date of Government Version: 03/09/2020<br>Facility Id: LACoFA0040780 | 2004 ROSEMEAD BLVD | SW 0 - 1/8 (0.048 mi.) | E76 | 368 |
| HATCH MASONRY INC<br>Database: UST, Date of Government Version: 03/09/2020<br>Facility Id: 9176 | 2304 TROY AVE | WNW 0 - 1/8 (0.074 mi.) | H95 | 438 |
| OIL LEE INC<br>Database: UST, Date of Government Version: 03/09/2020<br>Facility Id: LACoFA0022587 | 1955 N ROSEMEAD BLVD | SW 0 - 1/8 (0.090 mi.) | K104 | 448 |
| MIKE'S SHELL<br>Database: UST, Date of Government Version: 03/09/2020<br>Facility Id: LACoFA0022587 | 1955 N ROSEMEAD BLVD | SW 0 - 1/8 (0.090 mi.) | K114 | 486 |
| MIKE'S TEXACO<br>Database: UST, Date of Government Version: 03/09/2020<br>Facility Id: 26120 | 1955 ROSEMEAD BLVD | SW 0 - 1/8 (0.090 mi.) | K115 | 487 |
| DAVID CHEN PROPERTY<br>Database: UST, Date of Government Version: 03/09/2020 | 9329 KLINGERMAN ST | NW 1/8 - 1/4 (0.148 mi.) | V189 | 677 |
| H P CUSTOM CARPENTRY<br>Database: UST, Date of Government Version: 03/09/2020<br>Facility Id: 9168 | 2407 LEE AVE | WNW 1/8 - 1/4 (0.211 mi.) | AF283 | 861 |

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 3 AST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***E C CONSTRUCTION CO***<br>Database: AST, Date of Government Version: 07/06/2016 | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D86*** | ***387*** |
| Not reported<br>Database: AST, Date of Government Version: 07/06/2016 | 2213 CHICO AVE | ENE 0 - 1/8 (0.061 mi.) | D87 | 402 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***TED LEVINE DRUM CO***<br>Database: AST, Date of Government Version: 07/06/2016 | ***1729 CHICO AVE*** | ***SSE 1/8 - 1/4 (0.224 mi.)*** | ***AA304*** | ***877*** |

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Lists of Hazardous waste / Contaminated Sites***

AOCONCERN: San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| SAN GABRIEL VALLEY | | 0 - 1/8 (0.000 mi.) | 0 | 9 |

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

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***EL MONTE DISPOSAL SE*** | ***STORAGE YARD, MAPLE*** | ***E 1/2 - 1 (0.555 mi.)*** | ***377*** | ***1118*** |

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

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/21/2020 has revealed that there are 28 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***E C CONSTRUCTION CO*** | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D86*** | ***387*** |
| ***LA MISSION IRON WORK*** | ***9553 RUSH ST*** | ***SE 0 - 1/8 (0.111 mi.)*** | ***N137*** | ***527*** |
| ***TIP-TOP LABEL COMPAN*** | ***2207 CHICO AVE*** | ***ENE 0 - 1/8 (0.112 mi.)*** | ***M139*** | ***540*** |
| ***KUSTOM LIGHTING*** | ***2107 CHICO AVE*** | ***E 0 - 1/8 (0.112 mi.)*** | ***O141*** | ***548*** |
| ***FLEXFIRM PRODS*** | ***2300 N CHICO AVE*** | ***NE 1/8 - 1/4 (0.146 mi.)*** | ***Q185*** | ***652*** |
| ***MONTEREY CASKET CO*** | ***2404 CHICO AVE*** | ***NE 1/8 - 1/4 (0.153 mi.)*** | ***Q199*** | ***691*** |
| ***COAST MACHINERY MOVE*** | ***2431 CHICO AVE*** | ***NE 1/8 - 1/4 (0.167 mi.)*** | ***X215*** | ***745*** |
| ***EL MONTE STEEL TREAT*** | ***2456 N ROSEMEAD BLVD*** | ***NNW 1/8 - 1/4 (0.172 mi.)*** | ***W222*** | ***767*** |
| ***REMINGTON ROLL FORMI*** | ***2445 1/2 CHICO AVE*** | ***NNE 1/8 - 1/4 (0.180 mi.)*** | ***X237*** | ***789*** |
| ***A T AUTO REPAIR CENT*** | ***9609 KLINGERMAN ST*** | ***NE 1/8 - 1/4 (0.205 mi.)*** | ***AB274*** | ***849*** |
| ***BELL CRAFT OFFICE FU*** | ***2200 CHICO AVE*** | ***E 1/8 - 1/4 (0.212 mi.)*** | ***AI284*** | ***861*** |
| ***ENGINEERING DESIGN I*** | ***9649 RUSH ST*** | ***ESE 1/8 - 1/4 (0.221 mi.)*** | ***AG302*** | ***873*** |
| ***RAY'S OK TIRES INC*** | ***9650 RUSH ST*** | ***ESE 1/8 - 1/4 (0.237 mi.)*** | ***AC324*** | ***942*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DITTY CONTAINER*** | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A5*** | ***47*** |
| ***DITTY CONTAINER INC*** | ***2226 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A16*** | ***211*** |
| ***LONGS AUTOBODY*** | ***2121 N ROSEMEAD BLVD*** | ***W 0 - 1/8 (0.033 mi.)*** | ***A55*** | ***291*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BACHMANN PRECISION M*** | ***2112 NORTH ROSEMEAD*** | ***WSW 0 - 1/8 (0.035 mi.)*** | ***A60*** | ***302*** |
| ***KIM SE'S AUTO*** | ***2115 N ROSEMEAD BLVD*** | ***W 0 - 1/8 (0.036 mi.)*** | ***A63*** | ***322*** |
| ***PHIL'S CERTIFIED AUT*** | ***2020 N ROSEMEAD BLVD*** | ***SW 0 - 1/8 (0.040 mi.)*** | ***E68*** | ***334*** |
| ***SOUTH EL MONTE ARCO*** | ***2004 ROSEMEAD BLVD*** | ***SW 0 - 1/8 (0.048 mi.)*** | ***E75*** | ***345*** |
| ***TRAMPACIFIC COLLISIO*** | ***2118 TROY AVE*** | ***W 0 - 1/8 (0.088 mi.)*** | ***J99*** | ***441*** |
| ***CHUN AND JUNG LEE DB*** | ***1955 N ROSEMEAD BLVD*** | ***SW 0 - 1/8 (0.090 mi.)*** | ***K106*** | ***454*** |
| ***ADVANCE AUTOMOTIVE G*** | ***2116 TROY AVE*** | ***W 0 - 1/8 (0.091 mi.)*** | ***J118*** | ***488*** |
| ***JENCO PLATING INC*** | ***9536 RUSH ST.*** | ***SE 0 - 1/8 (0.093 mi.)*** | ***N121*** | ***495*** |
| ***GOLDEN COLOR PRINTIN*** | ***9353 RUSH ST*** | ***WSW 0 - 1/8 (0.120 mi.)*** | ***G152*** | ***566*** |
| AMERICAN SOCIETY OF | 1918 ROSEMEAD BLVD | SSW 1/8 - 1/4 (0.138 mi.) | S180 | 644 |
| ***TED LEVINE DRUM CO*** | ***1729 CHICO AVE*** | ***SSE 1/8 - 1/4 (0.224 mi.)*** | ***AA304*** | ***877*** |
| ***SUNRISE INDUSTRIES*** | ***2028 LOMA AVE.*** | ***W 1/8 - 1/4 (0.249 mi.)*** | ***336*** | ***975*** |

***Local Lists of Registered Storage Tanks***

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 28 SWEEPS UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***L G M***<br>Status: A<br>Tank Status: A<br>Comp Number: 14001 | ***2211 CHICO AVE*** | ***NE 0 - 1/8 (0.019 mi.)*** | ***D40*** | ***271*** |
| ***HO SHUN LEE INC***<br>Status: A<br>Tank Status: A<br>Comp Number: 9200 | ***2209 CHICO AVE*** | ***ENE 0 - 1/8 (0.057 mi.)*** | ***D81*** | ***378*** |
| ***E C CONSTRUCTION CO***<br>Status: A<br>Tank Status: A<br>Comp Number: 14000 | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D86*** | ***387*** |
| ***COAST MACHINERY MOVE***<br>Status: A<br>Tank Status: A<br>Comp Number: 9174 | ***2431 CHICO AVE*** | ***NE 1/8 - 1/4 (0.167 mi.)*** | ***X214*** | ***742*** |
| ***CHAMP CORP***<br>Status: A<br>Tank Status: A<br>Comp Number: 9432 | ***2440 TROY AVE*** | ***NW 1/8 - 1/4 (0.171 mi.)*** | ***220*** | ***764*** |
| ***M & T***<br>Status: A<br>Tank Status: A<br>Comp Number: 9430 | ***2500 N. ROSEMEAD*** | ***NNW 1/8 - 1/4 (0.183 mi.)*** | ***W239*** | ***813*** |
| ***BULWARK CORP*** | ***9624 RUSH ST*** | ***ESE 1/8 - 1/4 (0.186 mi.)*** | ***AC247*** | ***826*** |

Status: A
Comp Number: 2381

| | | | | |
|---|---|---|---|---|
| ***SUNSET LADDER CO*** | ***2526 NO ROSEMEAD BLV*** | ***NNW 1/8 - 1/4 (0.234 mi.)*** | ***AH316*** | ***932*** |
| Status: A<br>Comp Number: 9157 | | | | |
| SPECTRA TONE CO | 9635 E KLINGERMAN ST | ENE 1/8 - 1/4 (0.234 mi.) | AE318 | 934 |
| Status: A<br>Tank Status: A<br>Comp Number: 730 | | | | |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***PACIFIC COAST DRUM C*** | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A1*** | ***43*** |
| Status: A<br>Tank Status: A<br>Comp Number: 4601 | | | | |
| ***JOHN B. MOORE CORP.-*** | ***2128 N ROSEMEAD BLVD*** | ***W 0 - 1/8 (0.007 mi.)*** | ***A31*** | ***260*** |
| Status: A<br>Comp Number: 12838 | | | | |
| ***UNOCAL CORP SS 3520*** | ***9408 RUSH ST*** | ***SSW 0 - 1/8 (0.031 mi.)*** | ***E49*** | ***283*** |
| Status: A<br>Tank Status: A<br>Comp Number: 3664 | | | | |
| ***VALLEY CITIES SUPPLY*** | ***9510 RUSH ST*** | ***SSE 0 - 1/8 (0.039 mi.)*** | ***F66*** | ***328*** |
| Comp Number: 9173 | | | | |
| ***GILMORE LIQUID AIR C*** | ***9503 E RUSH ST*** | ***SE 0 - 1/8 (0.054 mi.)*** | ***F79*** | ***370*** |
| Comp Number: 11693 | | | | |
| ***LOS ANGELES DIE MOLD*** | ***1942 N ROSEMEAD BLVD*** | ***SSW 0 - 1/8 (0.062 mi.)*** | ***E89*** | ***427*** |
| Status: A<br>Tank Status: A<br>Comp Number: 1824 | | | | |
| ***HATCH MASONRY INC*** | ***2304 TROY AVE*** | ***WNW 0 - 1/8 (0.074 mi.)*** | ***H96*** | ***438*** |
| Status: A<br>Tank Status: A<br>Comp Number: 9176 | | | | |
| ***CHUN AND JUNG LEE DB*** | ***1955 N ROSEMEAD BLVD*** | ***SW 0 - 1/8 (0.090 mi.)*** | ***K106*** | ***454*** |
| Status: A<br>Tank Status: A<br>Comp Number: 6035 | | | | |
| ***TED LEVINE DRUM CO*** | ***1817 CHICO AVE*** | ***SE 0 - 1/8 (0.121 mi.)*** | ***N154*** | ***574*** |
| Status: A<br>Comp Number: 13365 | | | | |
| ***SOUTH ALLIANCE INDUS*** | ***2423 TROY AVENUE*** | ***NW 1/8 - 1/4 (0.150 mi.)*** | ***V190*** | ***677*** |
| Status: A<br>Tank Status: A<br>Comp Number: 6790 | | | | |
| ***CHAMP CORP*** | ***2425 TROY AVE*** | ***NW 1/8 - 1/4 (0.151 mi.)*** | ***V194*** | ***683*** |
| Status: A<br>Tank Status: A<br>Comp Number: 9431 | | | | |
| ***MIKE PRLICH & SONS*** | ***9316 KLINGERMAN ST*** | ***WNW 1/8 - 1/4 (0.164 mi.)*** | ***V211*** | ***739*** |

| | | | | |
|---|---|---|---|---|
| Status: A<br>Comp Number: 10676 | | | | |
| JOHN C SALEEN<br>Status: A<br>Comp Number: 13620 | 1907 CHICO AVE | SSE 1/8 - 1/4 (0.173 mi.) | U227 | 777 |
| ***PRECISION COLOR GRAP***<br>Status: A<br>Comp Number: 2216 | ***9323 RUSH ST*** | ***WSW 1/8 - 1/4 (0.175 mi.)*** | ***R229*** | ***778*** |
| ***SIR CHARLES ORIENTAL***<br>Status: A<br>Comp Number: 7882 | ***2214 LEE AVE #A*** | ***W 1/8 - 1/4 (0.178 mi.)*** | ***Z232*** | ***783*** |
| ***AIRCRAFT STAMPING CO***<br>Status: A<br>Comp Number: 10907 | ***1924 NO CHICO AVE*** | ***SE 1/8 - 1/4 (0.180 mi.)*** | ***U233*** | ***784*** |
| TED LEVINE DRUM CO<br>Status: A<br>Comp Number: 13195 | 1829 CHICO AVE | SSE 1/8 - 1/4 (0.188 mi.) | AA249 | 829 |
| ***H P CUSTOM CARPENTRY***<br>Status: A<br>Tank Status: A<br>Comp Number: 9168 | ***2407 LEE AVE*** | ***WNW 1/8 - 1/4 (0.202 mi.)*** | ***AF266*** | ***838*** |
| ***LUSOL PRODUCTS***<br>Status: A<br>Tank Status: A<br>Comp Number: 16719 | ***2446 LEE AVE*** | ***NW 1/8 - 1/4 (0.226 mi.)*** | ***AK308*** | ***922*** |

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 40 HIST UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***L.G.M. COMPANY***<br>Facility Id: 00000007768 | ***2211 CHICO AVE*** | ***NE 0 - 1/8 (0.019 mi.)*** | ***D39*** | ***270*** |
| ***SOUTHERN CALIF IMPOR*** | ***2328 NO ROSEMEAD BLV*** | ***NNW 0 - 1/8 (0.051 mi.)*** | ***C77*** | ***368*** |
| SOUTHERN CALIF. IMPO<br>Facility Id: 00000055926 | 2328 ROSEMEAD BLVD | NNW 0 - 1/8 (0.051 mi.) | C78 | 369 |
| BOB WHITE PLUMBING C<br>Facility Id: 00000041466 | 2209 1/2 CHICO AVENU | ENE 0 - 1/8 (0.057 mi.) | D82 | 383 |
| ***E.C. CONSTRUCTION***<br>Facility Id: 00000041467 | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D84*** | ***384*** |
| ***E C CONSTRUCTION CO*** | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D86*** | ***387*** |
| ***COIT DRAPERY CLEANER***<br>Facility Id: 00000061290 | ***2411 CHICO AVENUE*** | ***NE 1/8 - 1/4 (0.138 mi.)*** | ***Q182*** | ***650*** |
| ***COAST MACHINERY MOVE***<br>Facility Id: 00000005428 | ***2431 CHICO AVE*** | ***NE 1/8 - 1/4 (0.167 mi.)*** | ***X214*** | ***742*** |
| COAST MACHENARY MOVE | 2432 CHICO AVENUE | NE 1/8 - 1/4 (0.183 mi.) | X242 | 820 |
| ***ACTION GRAPHIC ARTS*** | ***9635 RUSH ST*** | ***ESE 1/8 - 1/4 (0.197 mi.)*** | ***AC257*** | ***832*** |
| ***ACTION GRAPHIC ARTS,*** | ***9635 RUSH ST*** | ***ESE 1/8 - 1/4 (0.197 mi.)*** | ***AC258*** | ***833*** |

| | | | | |
|---|---|---|---|---|
| Facility Id: 00000003752 | | | | |
| ***SUNSET LADDER CO*** | ***2526 NO ROSEMEAD BLV*** | ***NNW 1/8 - 1/4 (0.234 mi.)*** | ***AH316*** | ***932*** |
| SUNSET LADDER CO | 2526 ROSEMEAD BLVD | NNW 1/8 - 1/4 (0.234 mi.) | AH317 | 933 |
| Facility Id: 00000041161 | | | | |
| ***SPECTRA-TONE PAINT C*** | ***9635 KLINGERMAN ST*** | ***ENE 1/8 - 1/4 (0.247 mi.)*** | ***AM333*** | ***960*** |
| Facility Id: 00000020938 | | | | |
| SPECTRA-TONE PAINT C | 9635-43 KLINGERMAN | ENE 1/8 - 1/4 (0.247 mi.) | AM334 | 974 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DITTY CONTAINER*** | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A8*** | ***66*** |
| Facility Id: 00000020986 | | | | |
| ***CERTIFIED AUTO COLLI*** | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A13*** | ***98*** |
| ***CHEMRITE CORPORATION*** | ***2128 NO ROSEMEAD BLV*** | ***W 0 - 1/8 (0.007 mi.)*** | ***A32*** | ***261*** |
| ***CHEMRITE CORPORATION*** | ***2128 ROSEMEAD BLVD*** | ***W 0 - 1/8 (0.007 mi.)*** | ***A33*** | ***263*** |
| Facility Id: 00000041153 | | | | |
| ***GILMORE LIQUID AIR C*** | ***9503 RUSH ST*** | ***SSE 0 - 1/8 (0.021 mi.)*** | ***B44*** | ***276*** |
| Facility Id: 00000003954 | | | | |
| SERVICE STATION 3520 | 9408 RUSH STREET | SSW 0 - 1/8 (0.031 mi.) | E52 | 289 |
| Facility Id: 00000019090 | | | | |
| UNION OIL SERVICE ST | 9408 RUSH STREET | SSW 0 - 1/8 (0.031 mi.) | E54 | 290 |
| Facility Id: 00000055968 | | | | |
| ***VALLEY CITIES SUPPLY*** | ***9510 RUSH ST*** | ***SSE 0 - 1/8 (0.039 mi.)*** | ***F66*** | ***328*** |
| Facility Id: 00000007843 | | | | |
| ***GILMORE LIQUID AIR C*** | ***9503 E RUSH ST*** | ***SE 0 - 1/8 (0.054 mi.)*** | ***F79*** | ***370*** |
| ***PEC-LOS ANGELES*** | ***1942 N ROSEMEAD BLVD*** | ***SSW 0 - 1/8 (0.062 mi.)*** | ***E88*** | ***403*** |
| ***LOS ANGELES DIE MOLD*** | ***1942 N ROSEMEAD BLVD*** | ***SSW 0 - 1/8 (0.062 mi.)*** | ***E89*** | ***427*** |
| Facility Id: 00000019021 | | | | |
| Facility Id: 00000041714 | | | | |
| ***HATCH MASONRY INC*** | ***2304 TROY AVE*** | ***WNW 0 - 1/8 (0.074 mi.)*** | ***H96*** | ***438*** |
| Facility Id: 00000050760 | | | | |
| TEXACO | 1955 N ROSEMEAD AND | SW 0 - 1/8 (0.090 mi.) | K111 | 484 |
| Facility Id: 00000017114 | | | | |
| ***JENCO PLATING INC*** | ***9536 RUSH ST.*** | ***SE 0 - 1/8 (0.093 mi.)*** | ***N121*** | ***495*** |
| Facility Id: 00000055685 | | | | |
| CHAMP CORPORATION | SITE: 2423 TROY STRE | NW 1/8 - 1/4 (0.134 mi.) | L170 | 620 |
| Facility Id: 00000003582 | | | | |
| ***MIKE PRLICH & SONS*** | ***9316 KLINGERMAN ST*** | ***WNW 1/8 - 1/4 (0.164 mi.)*** | ***V211*** | ***739*** |
| Facility Id: 00000020516 | | | | |
| MIKE PRLICH AND SONS | 9316 KLINGERMAN AVE | WNW 1/8 - 1/4 (0.164 mi.) | V212 | 741 |
| ***AIRCRAFT STAMPING CO*** | ***1924 NO CHICO AVE*** | ***SE 1/8 - 1/4 (0.180 mi.)*** | ***U233*** | ***784*** |
| ***AIRCRAFT STAMPING CO*** | ***1924 CHICO AVE*** | ***SE 1/8 - 1/4 (0.180 mi.)*** | ***U234*** | ***785*** |
| Facility Id: 00000047210 | | | | |
| ***TEMPLE CITY ENTERPRI*** | ***2407 N LEE AVE*** | ***WNW 1/8 - 1/4 (0.202 mi.)*** | ***AF265*** | ***836*** |
| ***LEE'S PLUMBING*** | ***2407 LEE AVE*** | ***WNW 1/8 - 1/4 (0.211 mi.)*** | ***AF282*** | ***860*** |
| Facility Id: 00000003835 | | | | |
| ***WILLIAM L BINGLEY*** | ***2446 LEE AVE*** | ***NW 1/8 - 1/4 (0.226 mi.)*** | ***AK307*** | ***915*** |
| ***LUSOL PRODUCTS*** | ***2446 LEE AVE*** | ***NW 1/8 - 1/4 (0.226 mi.)*** | ***AK308*** | ***922*** |
| Facility Id: 00000050536 | | | | |
| COOPER DRUM COMPANY | 9629 EL POCHE | SE 1/8 - 1/4 (0.228 mi.) | AL310 | 924 |

| | | | | |
|---|---|---|---|---|
| Facility Id: 00000003095 | | | | |
| ***UNITED SPRINKLER COM*** | ***2448 LEE AVE*** | ***NW 1/8 - 1/4 (0.237 mi.)*** | ***AK322*** | ***940*** |
| Facility Id: 00000021073 | | | | |

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

A review of the CERS TANKS list, as provided by EDR, and dated 01/21/2020 has revealed that there are 5 CERS TANKS sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***E C CONSTRUCTION CO*** | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D86*** | ***387*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DITTY CONTAINER INC*** | ***2226 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A16*** | ***211*** |
| ***SOUTH EL MONTE ARCO*** | ***2004 ROSEMEAD BLVD*** | ***SW 0 - 1/8 (0.048 mi.)*** | ***E75*** | ***345*** |
| ***CHUN AND JUNG LEE DB*** | ***1955 N ROSEMEAD BLVD*** | ***SW 0 - 1/8 (0.090 mi.)*** | ***K106*** | ***454*** |
| ***TED LEVINE DRUM CO*** | ***1729 CHICO AVE*** | ***SSE 1/8 - 1/4 (0.224 mi.)*** | ***AA304*** | ***877*** |

***Other Ascertainable Records***

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/23/2020 has revealed that there are 40 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BHY TRUCKING INC*** | ***2317 ROSEMEAD BLVD*** | ***NW 0 - 1/8 (0.041 mi.)*** | ***C70*** | ***340*** |
| EPA ID:: CAD072925795 | | | | |
| E C CONSTRUCTION CO | 2213 CHICO AVE | ENE 0 - 1/8 (0.061 mi.) | D85 | 386 |
| EPA ID:: CAD048462980 | | | | |
| KUSTOM LIGHTING | 2107 CHICO AVE | E 0 - 1/8 (0.112 mi.) | O142 | 556 |
| EPA ID:: CAL000281892 | | | | |
| ***THRIFTY SAFE DISPOSA*** | ***2026 N CHICO AVE STE*** | ***ESE 1/8 - 1/4 (0.130 mi.)*** | ***P165*** | ***609*** |
| EPA ID:: CAD983650201 | | | | |
| JC HAULING | 2450 ROSEMEAD BLVD | NNW 1/8 - 1/4 (0.152 mi.) | W195 | 684 |
| EPA ID:: CAC003048951 | | | | |
| MONTEREY CASKET CO | 2404 CHICO AVE | NE 1/8 - 1/4 (0.153 mi.) | Q201 | 724 |
| EPA ID:: CAL000147749 | | | | |
| COAST MACHINERY MOVE | 2431 CHICO AVE | NE 1/8 - 1/4 (0.167 mi.) | X213 | 741 |
| EPA ID:: CAL000147771 | | | | |
| EUROPEAN AUTO TECH | 2456 1/4 ROSEMEAD BL | NNW 1/8 - 1/4 (0.172 mi.) | W221 | 766 |

| | | | | |
|---|---|---|---|---|
| EPA ID:: CAL000125711 | | | | |
| REMINGTON ROLL FORMI<br>EPA ID:: CAL000131151 | 2445 1/2 CHICO AVE | NNE 1/8 - 1/4 (0.180 mi.) | X235 | 788 |
| AUTOMATIC FIRE CONTR<br>EPA ID:: CAL000249740 | 9600 KLINGERMAN ST | ENE 1/8 - 1/4 (0.186 mi.) | AB244 | 822 |
| TEAK MASTER INC<br>EPA ID:: CAL000437789 | 9624 RUSH ST UNIT B | ESE 1/8 - 1/4 (0.186 mi.) | AC248 | 828 |
| AT AUTO REPAIR CENTE<br>EPA ID:: CAL000415789 | 9609 KLINGERMAN ST | NE 1/8 - 1/4 (0.205 mi.) | AB272 | 845 |
| SENSITIVE ENVIRONMEN<br>EPA ID:: CAL000405201 | 2459 1/2 CHICO AVE | NNE 1/8 - 1/4 (0.214 mi.) | AJ291 | 865 |
| PACIFIC MARINE SYSTE<br>EPA ID:: CAL000194248 | 9619 KLINGERMAN ST | NE 1/8 - 1/4 (0.219 mi.) | AB300 | 872 |
| ENGINEERING DESIGN I<br>EPA ID:: CAL000160005 | 9649 EAST RUSH ST | ESE 1/8 - 1/4 (0.230 mi.) | AC313 | 930 |
| RAY'S O K TIRES INC<br>EPA ID:: CAL000050891 | 9650 RUSH STREET | ESE 1/8 - 1/4 (0.237 mi.) | AC323 | 941 |
| MLK LLC<br>EPA ID:: CAP000218644 | 9657 E RUSH ST | ESE 1/8 - 1/4 (0.239 mi.) | AG326 | 944 |

| **Lower Elevation** | **Address** | **Direction / Distance** | **Map ID** | **Page** |
|---|---|---|---|---|
| DREAMWORKS AUTOMOTIV<br>EPA ID:: CAL000444199 | 2200 N ROSEMEAD BLVD | 0 - 1/8 (0.000 mi.) | A12 | 97 |
| DITTY CONTAINER INC<br>EPA ID:: CAL000082285 | 2200 N ROSEMEAD BOUL | 0 - 1/8 (0.000 mi.) | A24 | 248 |
| D & C AUTO BODY SHOP<br>EPA ID:: CAL000438922 | 2121 ROSEMEAD BLVD | W 0 - 1/8 (0.033 mi.) | A58 | 301 |
| BACHMANN PRECISION M<br>EPA ID:: CAL000050108 | 2112 NORTH ROSEMEAD | WSW 0 - 1/8 (0.035 mi.) | A61 | 320 |
| IGATA EQUIPMENT INC<br>EPA ID:: CAL000365598 | 2112 ROSEMEAD BLVD | WSW 0 - 1/8 (0.035 mi.) | A62 | 321 |
| PHIL'S CERTIFIED AUT<br>EPA ID:: CAL000275511 | 2020 ROSEMEAD BLVD | SW 0 - 1/8 (0.040 mi.) | E67 | 333 |
| SOUTH EL MONTE SERVI<br>EPA ID:: CAL000343941 | 2004 ROSEMEAD BLVD | SW 0 - 1/8 (0.048 mi.) | E74 | 344 |
| ***JARCAR LIMITED***<br>EPA ID:: CAT080014343 | ***9515 E RUSH ST*** | ***SE 0 - 1/8 (0.069 mi.)*** | ***F92*** | ***432*** |
| PHILIP COMPLETE AUTO<br>EPA ID:: CAL000379164 | 2118 TROY AVE | W 0 - 1/8 (0.088 mi.) | J100 | 446 |
| OIL LEE INC DBA CLJ<br>EPA ID:: CAL000429832 | 1955 ROSEMEAD BLVD | SW 0 - 1/8 (0.090 mi.) | K107 | 475 |
| ADVANCE AUTOMOTIVE G<br>EPA ID:: CAL000384203 | 2116 TROY AVE | W 0 - 1/8 (0.091 mi.) | J117 | 487 |
| ARCHITECTURAL ALUMIN<br>EPA ID:: CAC002968016 | 1935 ROSEMEAD BLVD | SSW 0 - 1/8 (0.105 mi.) | K128 | 520 |
| LITH-O-ROLL | 9359 RUSH ST. | WSW 0 - 1/8 (0.107 mi.) | G130 | 522 |

| | | | | |
|---|---|---|---|---|
| EPA ID:: CAL000208398 | | | | |
| ARTHUR KAJIWARA<br>EPA ID:: CAC002990133 | 2129 TROY AVENUE | W 0 - 1/8 (0.111 mi.) | J136 | 525 |
| ASIA PLASTICS INC<br>EPA ID:: CAL000213433 | 9347 RUSH ST | WSW 1/8 - 1/4 (0.128 mi.) | R163 | 606 |
| AMERICAN SOCIETY OF<br>EPA ID:: CAL000023235 | 1918 N ROSEMEAD BLVD | SSW 1/8 - 1/4 (0.138 mi.) | S181 | 649 |
| SOUTH ALLIANCE INDUS<br>EPA ID:: CAL000429510 | 2423 TROY AVENUE | NW 1/8 - 1/4 (0.150 mi.) | V191 | 680 |
| ***PARAGON PRESS***<br>EPA ID:: CAD008246746 | ***9323 RUSH ST*** | ***WSW 1/8 - 1/4 (0.155 mi.)*** | ***R204*** | ***725*** |
| WILMA MCCONNELL<br>EPA ID:: CAC002977694 | 2022 LEE AVE | WSW 1/8 - 1/4 (0.183 mi.) | Z241 | 818 |
| HONG KONG MOTORS INC<br>EPA ID:: CAL000386986 | 9311 RUSH ST | WSW 1/8 - 1/4 (0.192 mi.) | AD252 | 830 |
| ABC RESTAURANT EQUIP<br>EPA ID:: CAC002978964 | 2025 N. LEE AVE | WSW 1/8 - 1/4 (0.210 mi.) | AD279 | 855 |
| GOLDEN SPRING MANAGE<br>EPA ID:: CAC003035785 | 2446 LEE AVE | NW 1/8 - 1/4 (0.226 mi.) | AK305 | 913 |
| WILLIAM L BINGLEY<br>EPA ID:: CAP000200143 | 2446 LEE AVE | NW 1/8 - 1/4 (0.226 mi.) | AK306 | 914 |

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 01/28/2020 has revealed that there are 3 FUDS sites within approximately 1 mile of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| USAR OUTDR TRAINNG A | | SW 1/2 - 1 (0.602 mi.) | AX379 | 1123 |
| FORMER NIKE SITE LA- | | SSE 1/2 - 1 (0.654 mi.) | AY380 | 1123 |
| LA DEF AREA NIKE BTR | | SE 1/2 - 1 (0.879 mi.) | AZ382 | 1125 |

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 04/27/2020 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SAN GABRIEL VALLEY (***<br>EPA ID:: CAD980677355 | ***PECK RD & REAL*** | ***0 - 1/8 (0.000 mi.)*** | ***0*** | ***9*** |

PRP: A listing of verified Potentially Responsible Parties

A review of the PRP list, as provided by EDR, and dated 04/27/2020 has revealed that there is 1 PRP site within approximately 0.001 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SAN GABRIEL VALLEY (*** | ***PECK RD & REAL*** | ***0 - 1/8 (0.000 mi.)*** | ***0*** | ***9*** |

ICIS: The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

A review of the ICIS list, as provided by EDR, and dated 11/18/2016 has revealed that there is 1 ICIS site within approximately 0.001 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DITTY CONTAINER*** | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A8*** | ***66*** |
| FRS ID:: 110009529616 | | | | |

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 12/31/2019 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SAN GABRIEL VALLEY (*** | ***PECK RD & REAL*** | ***0 - 1/8 (0.000 mi.)*** | ***0*** | ***9*** |

US AIRS: The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

A review of the US AIRS list, as provided by EDR, has revealed that there is 1 US AIRS site within approximately 0.001 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DITTY CONTAINER*** | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A8*** | ***66*** |
| Database: US AIRS (AFS), Date of Government Version: 10/12/2016 | | | | |
| EPA plant ID:: 110009529616 | | | | |

# EXECUTIVE SUMMARY

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/03/2020 has revealed that there are 5 FINDS sites within approximately 0.001 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SAN GABRIEL VALLEY (*** Registry ID:: 110009329538 | ***PECK RD & REAL*** | ***0 - 1/8 (0.000 mi.)*** | ***0*** | ***9*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| RANZ MOTOR SPORTS Registry ID:: 110065724354 | 2200 N ROSEMEAD BLVD | 0 - 1/8 (0.000 mi.) | A4 | 47 |
| ***DITTY CONTAINER*** Registry ID:: 110009529616 | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A8*** | ***66*** |
| CERTIFIED AUTO COLLI Registry ID:: 110065862542 | 2200 ROSEMEAD | 0 - 1/8 (0.000 mi.) | A18 | 245 |
| ***DITTY CONTAINER INC*** Registry ID:: 110002424190 | ***2226 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A19*** | ***245*** |

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

A review of the Cortese list, as provided by EDR, and dated 03/23/2020 has revealed that there are 16 Cortese sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***E C CONSTRUCTION CO*** Cleanup Status: COMPLETED - CASE CLOSED | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D86*** | ***387*** |
| ***GARVEY PLUMBING & HA*** Cleanup Status: COMPLETED - CASE CLOSED | ***2108 CHICO AVE*** | ***E 1/8 - 1/4 (0.134 mi.)*** | ***O169*** | ***615*** |
| ***FORMS & SERVICES/MET*** Cleanup Status: COMPLETED - CASE CLOSED | ***2112 CHICO AVE N*** | ***E 1/8 - 1/4 (0.137 mi.)*** | ***O173*** | ***632*** |
| ***OWEN BROTHERS ENTERP*** Cleanup Status: COMPLETED - CASE CLOSED | ***9608 E RUSH STREET*** | ***ESE 1/8 - 1/4 (0.152 mi.)*** | ***P197*** | ***687*** |
| ***CHAMP CORP.*** Cleanup Status: COMPLETED - CASE CLOSED | ***2500 ROSEMEAD BLVD N*** | ***NNW 1/8 - 1/4 (0.183 mi.)*** | ***W240*** | ***815*** |
| ***ROBERT BRKICH CONSTR*** Cleanup Status: COMPLETED - CASE CLOSED | ***9638 RUSH ST*** | ***ESE 1/8 - 1/4 (0.211 mi.)*** | ***AC280*** | ***856*** |
| ***SQUARE TOOL & MACHIN*** Cleanup Status: COMPLETED - CASE CLOSED | ***9730 FACTORIAL WAY*** | ***E 1/4 - 1/2 (0.322 mi.)*** | ***AO348*** | ***1003*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***GILMORE LIQUID AIR C*** | ***9503 RUSH ST E*** | ***SSE 0 - 1/8 (0.021 mi.)*** | ***B45*** | ***277*** |

Cleanup Status: COMPLETED - CASE CLOSED

| | | | | |
|---|---|---|---|---|
| ***UNOCAL #3520*** | ***9408 RUSH ST E*** | ***SSW 0 - 1/8 (0.031 mi.)*** | ***E51*** | ***285*** |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |
| ***VALLEY CITIES SUPPLY*** | ***9510 RUSH ST*** | ***SSE 0 - 1/8 (0.039 mi.)*** | ***F66*** | ***328*** |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |
| ***TEXACO #61-106-00057*** | ***1955 ROSEMEAD BLVD N*** | ***SW 0 - 1/8 (0.090 mi.)*** | ***K105*** | ***449*** |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |
| ***SHELL SERVICE STATIO*** | ***1955 ROSEMEAD BLVD.*** | ***SW 0 - 1/8 (0.090 mi.)*** | ***K108*** | ***476*** |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |
| ***SHELL SERVICE STATIO*** | ***1955 ROSEMEAD BLVD.*** | ***SW 0 - 1/8 (0.090 mi.)*** | ***K109*** | ***480*** |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |
| ***MARGE WARNER*** | ***2459 LEE AVE N*** | ***NW 1/4 - 1/2 (0.265 mi.)*** | ***AK339*** | ***983*** |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |
| ZACKY FOODS CO | 2325 LOMA AVE N | WNW 1/4 - 1/2 (0.295 mi.) | AQ347 | 1002 |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |
| ***BARRY ZWAHLEN/PRIVAT*** | ***2223 LOMA AVE*** | ***W 1/4 - 1/2 (0.324 mi.)*** | ***AP350*** | ***1046*** |
| Cleanup Status: COMPLETED - CASE CLOSED | | | | |

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 3 DRYCLEANERS sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| COIT DRAPERY & CARPE | 2411 CHICO AVE | NE 1/8 - 1/4 (0.138 mi.) | Q184 | 651 |
| Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/25/2020 | | | | |
| ***ELDON DRAPERY CLEANE*** | ***2461 CHICO AVE*** | ***NNE 1/8 - 1/4 (0.215 mi.)*** | ***AJ293*** | ***867*** |
| Database: DRYCLEANERS, Date of Government Version: 12/04/2019 | | | | |
| EPA Id: CAL000220554 | | | | |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***ARTHUR KAJIWARA*** | ***2129 TROY AVENUE*** | ***W 0 - 1/8 (0.111 mi.)*** | ***J135*** | ***524*** |
| Database: DRYCLEANERS, Date of Government Version: 12/04/2019 | | | | |
| EPA Id: CAC002990133 | | | | |

EMI: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2017 has revealed that there are 6 EMI sites within approximately 0.001 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DITTY CONTAINER INC*** | ***2226 ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A6*** | ***48*** |

| | | | | |
|---|---|---|---|---|
| Facility Id: 94529 | | | | |
| DITTY CONTAINER INC.<br>Facility Id: 94529 | 2226 N. ROSEMEAD BLV | 0 - 1/8 (0.000 mi.) | A9 | 95 |
| ROSEMEAD TRUCK TIRE<br>Facility Id: 35740 | 2218 N ROSEMEAD BL | 0 - 1/8 (0.000 mi.) | A11 | 96 |
| ***DITTY CONTAINER INC***<br>Facility Id: 94529 | ***2226 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A16*** | ***211*** |
| PACIFIC COAST DRUM C<br>Facility Id: 10018 | 2200-26 N ROSEMEAD B | 0 - 1/8 (0.000 mi.) | A27 | 257 |
| ***F & S PICTURE FRAMES***<br>Facility Id: 6747 | ***9431 E RUSH ST*** | ***0 - 1/8 (0.000 mi.)*** | ***B30*** | ***258*** |

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2017 has revealed that there are 5 HAZNET sites within approximately 0.001 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***PACIFIC COAST DRUM***<br>GEPAID: CAD028126977 | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A7*** | ***57*** |
| ***CERTIFIED AUTO COLLI***<br>GEPAID: CAL000196985 | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A13*** | ***98*** |
| ***DITTY CONTAINER INC***<br>GEPAID: CAL000082285 | ***2200 NORTH ROSEMEAD*** | ***0 - 1/8 (0.000 mi.)*** | ***A14*** | ***108*** |
| ***PACIFIC COAST DRUM***<br>GEPAID: CAC002829626 | ***2212 ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A25*** | ***249*** |
| ***RANZ MOTORSPORTS INC***<br>GEPAID: CAL000312233 | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A26*** | ***251*** |

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 14 HIST CORTESE sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***E C CONSTRUCTION CO***<br>Reg Id: I-14000 | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D86*** | ***387*** |
| ***GARVEY PLUMBING & HA***<br>Reg Id: I-15916 | ***2108 CHICO AVE*** | ***E 1/8 - 1/4 (0.134 mi.)*** | ***O169*** | ***615*** |
| ***FORMS AND SURFACES,*** | ***2112 CHICO*** | ***E 1/8 - 1/4 (0.137 mi.)*** | ***O174*** | ***640*** |

| | | | | |
|---|---|---|---|---|
| Reg Id: R-25424 | | | | |
| ***CHAMP CORP.*** Reg Id: I-09430 | ***2500 ROSEMEAD BLVD N*** | ***NNW 1/8 - 1/4 (0.183 mi.)*** | ***W240*** | ***815*** |
| ***ROBERT BRKICH CONSTR*** Reg Id: I-16223 | ***9638 RUSH ST*** | ***ESE 1/8 - 1/4 (0.211 mi.)*** | ***AC281*** | ***858*** |
| SQUARE TOOL & MACHIN Reg Id: R-09220 | 9730 FACTORIAL | E 1/4 - 1/2 (0.322 mi.) | AO349 | 1045 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| PACIFIC COAST DRUM C Reg Id: 107.0266 | 2200 ROSEMEAD | 0 - 1/8 (0.000 mi.) | A21 | 246 |
| ***GILMORE LIQUID AIR C*** Reg Id: I-11693 | ***9503 RUSH ST E*** | ***SSE 0 - 1/8 (0.021 mi.)*** | ***B45*** | ***277*** |
| ***UNOCAL #3520*** Reg Id: R-03664 | ***9408 RUSH ST E*** | ***SSW 0 - 1/8 (0.031 mi.)*** | ***E51*** | ***285*** |
| ***VALLEY CITIES SUPPLY*** Reg Id: I-09173 | ***9510 RUSH ST*** | ***SSE 0 - 1/8 (0.039 mi.)*** | ***F66*** | ***328*** |
| ***LOS ANGELES DIE MOLD*** Reg Id: 001824 | ***1942 N ROSEMEAD BLVD*** | ***SSW 0 - 1/8 (0.062 mi.)*** | ***E89*** | ***427*** |
| TEXACO #61-106-00057 Reg Id: R-06035 | 1955 ROSEMEAD | SW 0 - 1/8 (0.090 mi.) | K112 | 485 |
| ***MARGE WARNER*** Reg Id: I-23117 | ***2459 LEE AVE N*** | ***NW 1/4 - 1/2 (0.265 mi.)*** | ***AK339*** | ***983*** |
| ***BARRY ZWAHLEN/PRIVAT*** Reg Id: 107.0416 | ***2223 LOMA AVE*** | ***W 1/4 - 1/2 (0.324 mi.)*** | ***AP350*** | ***1046*** |

Los Angeles County Industrial Waste and Underground Storage Tank Sites.

A review of the LOS ANGELES CO. HMS list, as provided by EDR, and dated 03/26/2020 has revealed that there are 5 LOS ANGELES CO. HMS sites within approximately 0.001 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| DITTY CONTAINER Facility ID: 004434-004601 | 2226 ROSEMEAD BLVD | 0 - 1/8 (0.000 mi.) | A2 | 44 |
| ***DITTY CONTAINER INC*** Facility ID: 004434-020386 | ***2226 ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A3*** | ***44*** |
| ***DITTY CONTAINER INC*** Facility ID: 004434-I04601 | ***2226 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A16*** | ***211*** |
| AQUADEW INC Facility ID: 006094-024139 | 9431 RUSH ST | 0 - 1/8 (0.000 mi.) | B28 | 258 |
| ***F & S PICTURE FRAMES*** Facility ID: 006094-I06309 | ***9431 E RUSH ST*** | ***0 - 1/8 (0.000 mi.)*** | ***B30*** | ***258*** |

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

A review of the HWP list, as provided by EDR, and dated 02/18/2020 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BOER GRAPHICS (ROBER*** | ***9323 RUSH ST*** | ***WSW 1/8 - 1/4 (0.155 mi.)*** | ***R205*** | ***736*** |
| EPA Id: CAD008246746 | | | | |
| Cleanup Status: PROTECTIVE FILER | | | | |

HWT: A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

A review of the HWT list, as provided by EDR, and dated 01/06/2020 has revealed that there is 1 HWT site within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SENSITIVE ENVIRONMEN*** | ***2459 1/2 CHICO AVE*** | ***NNE 1/8 - 1/4 (0.214 mi.)*** | ***AJ290*** | ***865*** |
| Reg Num: 6358 | | | | |

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 02/10/2020 has revealed that there is 1 NPDES site within approximately 0.001 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DITTY CONTAINER INC*** | ***2226 ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A6*** | ***48*** |
| Facility Status: Active | | | | |

WDS: California Water Resources Control Board - Waste Discharge System.

A review of the WDS list, as provided by EDR, and dated 06/19/2007 has revealed that there is 1 WDS site within approximately 0.001 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DITTY CONTAINER INC*** | ***2226 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A16*** | ***211*** |
| Facility Status: A | | | | |
| Facility Id: 4 19I012779 | | | | |

WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there are 163 WIP sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| BUDCO | 2310 ROSEMEAD BLVD | NW 0 - 1/8 (0.007 mi.) | C36 | 269 |

# EXECUTIVE SUMMARY

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***L.G.M. COMPANY*** Facility Status: Historical | ***2211 CHICO AVE*** | ***NE 0 - 1/8 (0.019 mi.)*** | ***D39*** | ***270*** |
| BHY TRUCKING INC. Facility Status: Historical | 2317 N ROSEMEAD BLVD | NW 0 - 1/8 (0.041 mi.) | C69 | 340 |
| ***SOUTHERN CALIF IMPOR*** Facility Status: Historical | ***2328 NO ROSEMEAD BLV*** | ***NNW 0 - 1/8 (0.051 mi.)*** | ***C77*** | ***368*** |
| ***APPLIED SYSTEMS WATE*** Facility Status: Historical | ***2209 CHICO AVE*** | ***ENE 0 - 1/8 (0.057 mi.)*** | ***D83*** | ***384*** |
| ***E.C. CONSTRUCTION*** Facility Status: Historical | ***2213 CHICO AVE*** | ***ENE 0 - 1/8 (0.061 mi.)*** | ***D84*** | ***384*** |
| ARTISTIC PRESENTATIO Facility Status: Historical | 2400 ROSEMEAD BLVD | NNW 0 - 1/8 (0.078 mi.) | I98 | 441 |
| CONTINENTAL WOODWORK Facility Status: Historical | 2227 CHICO AVE | ENE 0 - 1/8 (0.093 mi.) | M119 | 494 |
| ***HYDE ENGINEERING COR*** Facility Status: Backlog | ***2428 ROSEMEAD BLVD*** | ***NNW 0 - 1/8 (0.094 mi.)*** | ***I122*** | ***517*** |
| LEN GIFFORD PRINTING Facility Status: Historical | 9537 RUSH ST | SE 0 - 1/8 (0.096 mi.) | N123 | 518 |
| ACCURATE HONE SERVIC Facility Status: Historical | 9537 RUSH ST | SE 0 - 1/8 (0.096 mi.) | N124 | 518 |
| DC SHEET METAL CO. Facility Status: Historical | 2426 ROSEMEAD BLVD | NNW 0 - 1/8 (0.098 mi.) | I126 | 519 |
| CUNNINGHAM CO., INC. Facility Status: Historical | 2424 ROSEMEAD BLVD | NNW 0 - 1/8 (0.102 mi.) | I127 | 520 |
| CALIF. HEAD AND BLOC Facility Status: Historical | 9545 RUSH ST | SE 0 - 1/8 (0.108 mi.) | N131 | 523 |
| QUALITY MOBILE HOME Facility Status: Historical | 2420 ROSEMEAD BLVD | NNW 0 - 1/8 (0.109 mi.) | I132 | 523 |
| ***LA MISSION IRON WORK*** Facility Status: Historical | ***9553 RUSH ST*** | ***SE 0 - 1/8 (0.111 mi.)*** | ***N137*** | ***527*** |
| ***TIP-TOP LABEL COMPAN*** Facility Status: Historical | ***2207 CHICO AVE*** | ***ENE 0 - 1/8 (0.112 mi.)*** | ***M139*** | ***540*** |
| A & A SCREW PRODUCTS Facility Status: Historical | 2217 CHICO AVE | ENE 0 - 1/8 (0.112 mi.) | M140 | 547 |
| ***EL MONTE ALLOYS*** Facility Status: Historical | ***2023 CHICO AVE*** | ***ESE 0 - 1/8 (0.113 mi.)*** | ***O143*** | ***557*** |
| WILLIAMSON COUCH COM Facility Status: Historical | 2103 CHICO AVE | ESE 0 - 1/8 (0.113 mi.) | O144 | 562 |
| ***TRIPLE A COATING INC*** Facility Status: Historical | ***2015 CHICO AV*** | ***ESE 0 - 1/8 (0.113 mi.)*** | ***O145*** | ***562*** |
| RUDY'S IRON WORKS Facility Status: Historical | 9557 RUSH ST | SE 0 - 1/8 (0.113 mi.) | N146 | 563 |
| R.A. STEEL, INC. Facility Status: Historical | 2029 CHICO AVE | ESE 0 - 1/8 (0.116 mi.) | O150 | 566 |
| GENERAL METAL FABRIC | 2011 CHICO AVE | ESE 0 - 1/8 (0.117 mi.) | P151 | 566 |

| | | | | |
|---|---|---|---|---|
| Facility Status: Historical | | | | |
| NOMAD FASTENER CO.<br>Facility Status: Historical | 2442 ROSEMEAD BLVD | NNW 0 - 1/8 (0.123 mi.) | I155 | 594 |
| PORTER MFG. & SUPPLY<br>Facility Status: Historical | 2251 CHICO AVE | ENE 0 - 1/8 (0.123 mi.) | M156 | 595 |
| MAVERICK MACHINERY C | 2440 ROSEMEAD BLVD | NNW 0 - 1/8 (0.125 mi.) | I160 | 605 |
| ***SILVER STREAK TRAILE***<br>Facility Status: Active | ***2319 CHICO AVE*** | ***NE 1/8 - 1/4 (0.126 mi.)*** | ***Q161*** | ***605*** |
| K.V. COLLECTION<br>Facility Status: Historical | 2438 ROSEMEAD BLVD | NNW 1/8 - 1/4 (0.127 mi.) | I162 | 606 |
| UNITED METAL FABRICA<br>Facility Status: Historical | 2434 ROSEMEAD BLVD | NNW 1/8 - 1/4 (0.131 mi.) | I166 | 611 |
| ***PHIL'S AUTO SALVAGE***<br>Facility Status: Historical | ***2405 CHICO AVE*** | ***NE 1/8 - 1/4 (0.131 mi.)*** | ***Q167*** | ***611*** |
| ***GARVEY PLUMBING & HA***<br>Facility Status: Active | ***2108 CHICO AVE*** | ***E 1/8 - 1/4 (0.134 mi.)*** | ***O169*** | ***615*** |
| ***MANUFACTURERS SERVIC***<br>Facility Status: Active | ***2210 CHICO AVE.*** | ***ENE 1/8 - 1/4 (0.137 mi.)*** | ***M172*** | ***622*** |
| ***FORMS & SERVICES/MET***<br>Facility Status: Historical | ***2112 CHICO AVE N*** | ***E 1/8 - 1/4 (0.137 mi.)*** | ***O173*** | ***632*** |
| PRECISION POWDERED M<br>Facility Status: Historical | 2206 CHICO AVE | E 1/8 - 1/4 (0.137 mi.) | O175 | 642 |
| SHIELD CHEMICALS INC<br>Facility Status: Backlog | 2026 CHICO AVE | ESE 1/8 - 1/4 (0.137 mi.) | O176 | 642 |
| D&R PRESTIGE AUTO FI | 2030 CHICO AVE | ESE 1/8 - 1/4 (0.137 mi.) | O178 | 644 |
| BUTLER MINING LUB.<br>Facility Status: Historical | 2014 CHICO AVE | ESE 1/8 - 1/4 (0.138 mi.) | P179 | 644 |
| ***COIT DRAPERY CLEANER***<br>Facility Status: Historical | ***2411 CHICO AVENUE*** | ***NE 1/8 - 1/4 (0.138 mi.)*** | ***Q182*** | ***650*** |
| HOW E. BAKER CO. (HE<br>Facility Status: Historical | 2224 CHICO AVE | ENE 1/8 - 1/4 (0.147 mi.) | T186 | 676 |
| ***SOUTH CALIFORNIA PRO***<br>Facility Status: Historical | ***2450 ROSEMEAD BLVD*** | ***NNW 1/8 - 1/4 (0.152 mi.)*** | ***W196*** | ***686*** |
| ***MONTEREY CASKET CO.,***<br>Facility Status: Active | ***2404 CHICO AVE.*** | ***NE 1/8 - 1/4 (0.153 mi.)*** | ***Q200*** | ***721*** |
| J. P. MILLER COMPANY<br>Facility Status: Historical | 2410 CHICO AVE | NE 1/8 - 1/4 (0.154 mi.) | Q202 | 725 |
| COMMERCIAL WASTE PAP<br>Facility Status: Historical | 9610 RUSH ST | ESE 1/8 - 1/4 (0.157 mi.) | P207 | 738 |
| MORRIS MANUFACTURING<br>Facility Status: Historical | 9617 RUSH ST | ESE 1/8 - 1/4 (0.161 mi.) | P208 | 738 |
| RAYPACK, INC.<br>Facility Status: Backlog | 2416 CHICO AVE | NE 1/8 - 1/4 (0.162 mi.) | Q209 | 739 |
| BUCHANAN CO., INC.<br>Facility Status: Historical | 2464 ROSEMEAD BLVD | NNW 1/8 - 1/4 (0.164 mi.) | W210 | 739 |
| ***COAST MACHINERY MOVE*** | ***2431 CHICO AVE*** | ***NE 1/8 - 1/4 (0.167 mi.)*** | ***X214*** | ***742*** |
| ***HOOTER BROS ENAMELIN*** | ***2460 N. ROSEMEAD BLV*** | ***NNW 1/8 - 1/4 (0.168 mi.)*** | ***W216*** | ***756*** |

| | | | | |
|---|---|---|---|---|
| Facility Status: Active | | | | |
| ***HOS ENTERPRISES*** | ***2456 ROSEMEAD BLVD*** | ***NNW 1/8 - 1/4 (0.172 mi.)*** | ***W223*** | ***774*** |
| Facility Status: Historical | | | | |
| ***LIBERTY CLIMATE CONT*** | ***2447 CHICO AVE*** | ***NNE 1/8 - 1/4 (0.175 mi.)*** | ***X230*** | ***779*** |
| Facility Status: Historical | | | | |
| REMINGTON ROLL FORMI | 2445 CHICO AVE | NNE 1/8 - 1/4 (0.180 mi.) | X236 | 789 |
| Facility Status: Historical | | | | |
| L. A. ANNEX | 2445 CHICO AVE | NNE 1/8 - 1/4 (0.180 mi.) | X238 | 813 |
| Facility Status: Historical | | | | |
| ***M & T*** | ***2500 N. ROSEMEAD*** | ***NNW 1/8 - 1/4 (0.183 mi.)*** | ***W239*** | ***813*** |
| Facility Status: Active | | | | |
| FEATHER-LITE OF SO.C | 9600 KLINGERMAN ST | ENE 1/8 - 1/4 (0.186 mi.) | AB245 | 823 |
| Facility Status: Historical | | | | |
| ***BULWARK CORP.*** | ***9624 RUSH ST.*** | ***ESE 1/8 - 1/4 (0.186 mi.)*** | ***AC246*** | ***824*** |
| Facility Status: Active | | | | |
| FLEXFIRM PRODUCTS, I | 2300 CHICO AVE | ENE 1/8 - 1/4 (0.188 mi.) | T250 | 829 |
| Facility Status: Historical | | | | |
| PRECISION HINGE CO., | 2436 CHICO AVE | NE 1/8 - 1/4 (0.189 mi.) | X251 | 830 |
| CEMCO FITNESS PRODUC | 2453 CHICO AVE | NNE 1/8 - 1/4 (0.195 mi.) | X255 | 832 |
| Facility Status: Historical | | | | |
| ***ACTION GRAPHIC ARTS,*** | ***9635 RUSH ST*** | ***ESE 1/8 - 1/4 (0.197 mi.)*** | ***AC258*** | ***833*** |
| Facility Status: Historical | | | | |
| PACIFIC HARDWARE MFG | 2442 CHICO AVE | NE 1/8 - 1/4 (0.197 mi.) | X259 | 834 |
| Facility Status: Historical | | | | |
| A & R LUGGAGE | 9605 KLINGERMAN ST | NE 1/8 - 1/4 (0.197 mi.) | AE260 | 835 |
| Facility Status: Historical | | | | |
| ***AMERICAN GENERAL BUS*** | ***2430 CHICO AVE*** | ***ENE 1/8 - 1/4 (0.202 mi.)*** | ***AB267*** | ***839*** |
| Facility Status: Active | | | | |
| WORLD IMPORTS | 2446 CHICO AVE | NE 1/8 - 1/4 (0.205 mi.) | X271 | 845 |
| Facility Status: Historical | | | | |
| MACHINE MASTERS | 9639 RUSH ST | ESE 1/8 - 1/4 (0.207 mi.) | AG275 | 853 |
| Facility Status: Historical | | | | |
| ABC DISTRIBUTING | 2501 ROSEMEAD BLVD | NNW 1/8 - 1/4 (0.208 mi.) | AH276 | 854 |
| Facility Status: Historical | | | | |
| SERVEX CORP. | 9620 KLINGERMAN ST | ENE 1/8 - 1/4 (0.208 mi.) | AB277 | 854 |
| Facility Status: Historical | | | | |
| ***ROBERT BRKICH CONSTR*** | ***9638 RUSH ST*** | ***ESE 1/8 - 1/4 (0.211 mi.)*** | ***AC280*** | ***856*** |
| Facility Status: Historical | | | | |
| ***BELL CRAFT OFFICE FU*** | ***2200 CHICO AVE*** | ***E 1/8 - 1/4 (0.212 mi.)*** | ***AI284*** | ***861*** |
| Facility Status: Historical | | | | |
| JJ FURNITURE CO. | 2457 CHICO AVE | NNE 1/8 - 1/4 (0.213 mi.) | X285 | 863 |
| Facility Status: Historical | | | | |
| T&T FABRICATING | 2457 CHICO AVE | NNE 1/8 - 1/4 (0.213 mi.) | X286 | 864 |
| Facility Status: Historical | | | | |
| TOOL & DIE WELDING C | 2457 CHICO AVE | NNE 1/8 - 1/4 (0.213 mi.) | X287 | 864 |
| Facility Status: Historical | | | | |
| K. L. ENTERPRISES | 2459 CHICO AVE | NNE 1/8 - 1/4 (0.214 mi.) | AJ288 | 864 |

| | | | | |
|---|---|---|---|---|
| Facility Status: Historical | | | | |
| SMITH INDUSTRIAL TIR<br>Facility Status: Historical | 2459 CHICO AVE | NNE 1/8 - 1/4 (0.214 mi.) | AJ289 | 865 |
| ***SENSITIVE ENVIRONMEN*** | ***2459 1/2 CHICO AVE*** | ***NNE 1/8 - 1/4 (0.214 mi.)*** | ***AJ290*** | ***865*** |
| AMEX DIE CUTTING SER<br>Facility Status: Historical | 2454 CHICO AVE | NE 1/8 - 1/4 (0.214 mi.) | X292 | 867 |
| ***ELDON DRAPERY CLEANE***<br>Facility Status: Historical | ***2461 CHICO AVE*** | ***NNE 1/8 - 1/4 (0.215 mi.)*** | ***AJ293*** | ***867*** |
| ***PAUL PACIFIC PLUMBIN***<br>Facility Status: Historical | ***2463 CHICO AVE*** | ***NNE 1/8 - 1/4 (0.216 mi.)*** | ***AJ295*** | ***869*** |
| GENERAL ENAMELING CO<br>Facility Status: Active | 2463 CHICO AVE | NNE 1/8 - 1/4 (0.216 mi.) | AJ296 | 870 |
| CEMCO<br>Facility Status: Historical | 2465 CHICO AVE | NNE 1/8 - 1/4 (0.217 mi.) | AJ298 | 871 |
| C K M<br>Facility Status: Historical | 2465 CHICO AVE | NNE 1/8 - 1/4 (0.217 mi.) | AJ299 | 871 |
| MIKE'S MICRO PARTS<br>Facility Status: Historical | 9619 KLINGERMAN ST | NE 1/8 - 1/4 (0.219 mi.) | AB301 | 873 |
| TRU ETCH NAME PLATE<br>Facility Status: Historical | 9643 RUSH ST | ESE 1/8 - 1/4 (0.224 mi.) | AC303 | 877 |
| M. V. A. ENTERPRISES | 2466 CHICO AVE | NNE 1/8 - 1/4 (0.232 mi.) | AJ314 | 931 |
| ***SUNSET LADDER CO***<br>Facility Status: Historical | ***2526 NO ROSEMEAD BLV*** | ***NNW 1/8 - 1/4 (0.234 mi.)*** | ***AH316*** | ***932*** |
| ***A & M BANDAG INC***<br>Facility Status: Historical | ***9642 RUSH ST*** | ***ESE 1/8 - 1/4 (0.234 mi.)*** | ***AC319*** | ***935*** |
| NEW STAR CLOTHES CO.<br>Facility Status: Historical | 9651 RUSH ST | ESE 1/8 - 1/4 (0.236 mi.) | AG320 | 939 |
| ***RAY'S OK TIRES INC***<br>Facility Status: Historical | ***9650 RUSH ST*** | ***ESE 1/8 - 1/4 (0.237 mi.)*** | ***AC324*** | ***942*** |
| ***NEIGHBORHOOD DIST. C***<br>Facility Status: Historical | ***9657 RUSH ST*** | ***ESE 1/8 - 1/4 (0.242 mi.)*** | ***AG327*** | ***945*** |
| ***PRIME ENGINEERING***<br>Facility Status: Historical | ***9640 KLINGERMAN ST*** | ***ENE 1/8 - 1/4 (0.245 mi.)*** | ***AM328*** | ***947*** |
| SHAW PUMP & SUPPLY I<br>Facility Status: Historical | 9660 E RUSH ST | ESE 1/8 - 1/4 (0.245 mi.) | AN329 | 948 |
| ***SPECTRA-TONE PAINT C***<br>Facility Status: Historical | ***9635 KLINGERMAN ST*** | ***ENE 1/8 - 1/4 (0.247 mi.)*** | ***AM333*** | ***960*** |
| AMTECH | 9662 E RUSH ST | ESE 1/8 - 1/4 (0.248 mi.) | AN335 | 974 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***PACIFIC COAST DRUM C***<br>Facility Status: Active | ***2200 N ROSEMEAD BLVD*** | ***0 - 1/8 (0.000 mi.)*** | ***A1*** | ***43*** |
| ROSEMEAD TRUCK TIRE<br>Facility Status: Historical | 2218 ROSEMEAD BLVD | 0 - 1/8 (0.000 mi.) | A17 | 245 |
| F & S PICTURE FRAMES<br>Facility Status: Historical | 9431 RUSH ST | 0 - 1/8 (0.000 mi.) | B29 | 258 |
| ***JOHN B. MOORE CORP.-*** | ***2128 N ROSEMEAD BLVD*** | ***W 0 - 1/8 (0.007 mi.)*** | ***A31*** | ***260*** |

| | | | | |
|---|---|---|---|---|
| Facility Status: Active | | | | |
| AEZ CORP. | 9457 RUSH ST | SSE 0 - 1/8 (0.007 mi.) | B35 | 268 |
| Facility Status: Historical | | | | |
| ***ASTRO SEAL, INC.*** | ***9444 RUSH ST*** | ***S 0 - 1/8 (0.017 mi.)*** | ***B38*** | ***269*** |
| Facility Status: Active | | | | |
| SECURITY PAPER TUBE, | 9436 RUSH ST | S 0 - 1/8 (0.020 mi.) | B41 | 275 |
| Facility Status: Historical | | | | |
| ***MAXTRADE*** | ***9436 RUSH ST*** | ***S 0 - 1/8 (0.020 mi.)*** | ***B42*** | ***275*** |
| Facility Status: Historical | | | | |
| ***ROSEMEAD AUTO RECYCL*** | ***2120 ROSEMEAD*** | ***W 0 - 1/8 (0.021 mi.)*** | ***A43*** | ***276*** |
| Facility Status: Historical | | | | |
| ***GILMORE LIQUID AIR C*** | ***9503 RUSH ST*** | ***SSE 0 - 1/8 (0.021 mi.)*** | ***B44*** | ***276*** |
| Facility Status: Historical | | | | |
| ROSEMEAD MACNINERY C | 2129 ROSEMEAD BLVD | W 0 - 1/8 (0.028 mi.) | A47 | 282 |
| Facility Status: Historical | | | | |
| SEMCO WINDOWS | 9509 RUSH ST | SSE 0 - 1/8 (0.029 mi.) | B48 | 283 |
| Facility Status: Historical | | | | |
| E&E AUTOMATIC TRANSM | 2121 ROSEMEAD BLVD | W 0 - 1/8 (0.033 mi.) | A56 | 300 |
| Facility Status: Historical | | | | |
| BACHMANN PRECISION M | 2112 ROSEMEAD BLVD | WSW 0 - 1/8 (0.035 mi.) | A59 | 302 |
| Facility Status: Historical | | | | |
| MURPHY MUFFLER | 9508 RUSH ST | SSE 0 - 1/8 (0.036 mi.) | F64 | 328 |
| NISSEN & COMPANY, IN | 9508 RUSH ST | SSE 0 - 1/8 (0.036 mi.) | F65 | 328 |
| Facility Status: Historical | | | | |
| ***VALLEY CITIES SUPPLY*** | ***9510 RUSH ST*** | ***SSE 0 - 1/8 (0.039 mi.)*** | ***F66*** | ***328*** |
| Facility Status: Historical | | | | |
| ***ILLINOIS AUTO WRECKI*** | ***2014 ROSEMEAD BLVD*** | ***SW 0 - 1/8 (0.043 mi.)*** | ***E71*** | ***342*** |
| Facility Status: Historical | | | | |
| COBRA SEWER EQUIPMEN | 9514 RUSH ST | SSE 0 - 1/8 (0.043 mi.) | F72 | 343 |
| PACIFIC AUTO CO. | 9514 RUSH ST | SSE 0 - 1/8 (0.043 mi.) | F73 | 344 |
| Facility Status: Historical | | | | |
| UNIVERSAL EXHIBITS | 9517 RUSH ST | SE 0 - 1/8 (0.056 mi.) | F80 | 377 |
| Facility Status: Historical | | | | |
| ***LOS ANGELES DIE MOLD*** | ***1942 N ROSEMEAD BLVD*** | ***SSW 0 - 1/8 (0.062 mi.)*** | ***E89*** | ***427*** |
| Facility Status: Historical | | | | |
| COMMERCIAL CONVEYOR | 9526 RUSH ST | SE 0 - 1/8 (0.063 mi.) | F90 | 431 |
| Facility Status: Historical | | | | |
| PRODUCTION AUGERS, I | 9528 RUSH ST | SE 0 - 1/8 (0.067 mi.) | F91 | 432 |
| ***SIRUS AUTO WRECKING*** | ***2019 ROSEMEAD BLVD*** | ***SW 0 - 1/8 (0.073 mi.)*** | ***G94*** | ***435*** |
| Facility Status: Historical | | | | |
| ROYAL BLUEPRINT CO. | 2013 ROSEMEAD BLVD | SW 0 - 1/8 (0.076 mi.) | G97 | 440 |
| Facility Status: Historical | | | | |
| ***T & T AUTO BODY & PA*** | ***2118 TROY AV*** | ***W 0 - 1/8 (0.088 mi.)*** | ***J101*** | ***447*** |
| Facility Status: Historical | | | | |
| RAYMOND DOLLAR CORP. | 2206 TROY AVE | W 0 - 1/8 (0.089 mi.) | H102 | 448 |
| Facility Status: Historical | | | | |
| RIVERAS AUTO REPAIR | 9366 KLINGERMAN ST | NW 0 - 1/8 (0.090 mi.) | L116 | 487 |

| | | | | |
|---|---|---|---|---|
| Facility Status: Historical | | | | |
| ***ADVANCE AUTOMOTIVE G*** | ***2116 TROY AVE*** | ***W 0 - 1/8 (0.091 mi.)*** | ***J118*** | ***488*** |
| Facility Status: Historical | | | | |
| ***JENCO PLATING INC*** | ***9536 RUSH ST.*** | ***SE 0 - 1/8 (0.093 mi.)*** | ***N121*** | ***495*** |
| Facility Status: Historical | | | | |
| ***CAT CORRAL*** | ***9359 RUSH ST*** | ***WSW 0 - 1/8 (0.107 mi.)*** | ***G129*** | ***521*** |
| Facility Status: Active | | | | |
| ARTHUR KAJIWARA EQUI | 2205 TROY AVE | W 0 - 1/8 (0.111 mi.) | J133 | 523 |
| Facility Status: Historical | | | | |
| ***ARTHUR KAJIWARA*** | ***2129 TROY AVENUE*** | ***W 0 - 1/8 (0.111 mi.)*** | ***J135*** | ***524*** |
| Facility Status: Historical | | | | |
| VACANT BUILDING | 2121 TROY AVE | W 0 - 1/8 (0.114 mi.) | J147 | 563 |
| Facility Status: Historical | | | | |
| G & M BACK HOE | 2402 TROY AVE | NW 0 - 1/8 (0.116 mi.) | L148 | 563 |
| Facility Status: Historical | | | | |
| ***TED LEVINE DRUM CO*** | ***1817 CHICO AVE*** | ***SE 0 - 1/8 (0.121 mi.)*** | ***N154*** | ***574*** |
| Facility Status: Active | | | | |
| DIARY TEK INDUSTRIES | 9544 RUSH ST | SE 0 - 1/8 (0.123 mi.) | N158 | 598 |
| Facility Status: Historical | | | | |
| ***APPLE GRAPHICS INC*** | ***2101 TROY AVE*** | ***WSW 0 - 1/8 (0.124 mi.)*** | ***J159*** | ***598*** |
| Facility Status: Historical | | | | |
| HOLST PAINTING & DEC | 2407 TROY AVE | NW 1/8 - 1/4 (0.134 mi.) | L168 | 615 |
| Facility Status: Historical | | | | |
| LOGAN SUPPLY CO., IN | 2021 TROY AVE | WSW 1/8 - 1/4 (0.136 mi.) | R171 | 622 |
| A-1 TOOL MANUFACTURI | 1927 CHICO AVE | SE 1/8 - 1/4 (0.148 mi.) | U188 | 676 |
| Facility Status: Historical | | | | |
| PARAGON PRESS INC. | 9323 RUSH ST | WSW 1/8 - 1/4 (0.155 mi.) | R203 | 725 |
| Facility Status: Historical | | | | |
| RGA INVESTMENTS, INC | 9323 RUSH ST | WSW 1/8 - 1/4 (0.155 mi.) | R206 | 738 |
| VACANT BUILDING | 2306 LEE AVE | WNW 1/8 - 1/4 (0.170 mi.) | Y219 | 764 |
| Facility Status: Historical | | | | |
| SMITTY BUILT INC. | 2112 LEE AVE | W 1/8 - 1/4 (0.173 mi.) | Z225 | 775 |
| Facility Status: Historical | | | | |
| UNITED STEEL METALS | 2222 LEE AVE | WNW 1/8 - 1/4 (0.173 mi.) | Y228 | 777 |
| Facility Status: Historical | | | | |
| SOUTHLAND DISPOSAL | 2104 LEE AVE | W 1/8 - 1/4 (0.176 mi.) | Z231 | 783 |
| Facility Status: Historical | | | | |
| ***AIRCRAFT STAMPING CO*** | ***1924 CHICO AVE*** | ***SE 1/8 - 1/4 (0.180 mi.)*** | ***U234*** | ***785*** |
| Facility Status: Backlog | | | | |
| GRAPHIC DISTRIBUTORS | 9311 RUSH ST | WSW 1/8 - 1/4 (0.192 mi.) | AD253 | 831 |
| ELLIS INDUSTRIES | 2010 LEE AVE | WSW 1/8 - 1/4 (0.195 mi.) | AD254 | 831 |
| Facility Status: Historical | | | | |
| ED'S ENGINE REBUILDI | 2414 LEE AVE | NW 1/8 - 1/4 (0.197 mi.) | V256 | 832 |
| Facility Status: Historical | | | | |
| FOAM EXPRESS | 2113 LEE AVE | W 1/8 - 1/4 (0.198 mi.) | Z261 | 835 |
| Facility Status: Historical | | | | |
| MG ENTERPRISES | 2325 LEE AVE | WNW 1/8 - 1/4 (0.199 mi.) | Y262 | 835 |

| | | | | |
|---|---|---|---|---|
| Facility Status: Historical | | | | |
| PREMIER METAL PRODUC | 2105 LEE AVE | W 1/8 - 1/4 (0.200 mi.) | Z263 | 836 |
| ABLE INDUSTRIAL PROD | 2329 LEE AVE | WNW 1/8 - 1/4 (0.201 mi.) | Y264 | 836 |
| Facility Status: Historical | | | | |
| ***ABC RESTAURANT EQUIP*** | ***2025 LEE AVE*** | ***W 1/8 - 1/4 (0.205 mi.)*** | ***Z269*** | ***841*** |
| SURE SHOT NEGATIVE & | 2424 LEE AVE | NW 1/8 - 1/4 (0.205 mi.) | AF270 | 845 |
| WONG FAT TRADING CO. | 1822 CHICO AVE | SE 1/8 - 1/4 (0.208 mi.) | AA278 | 854 |
| Facility Status: Historical | | | | |
| ***LEE'S PLUMBING*** | ***2407 LEE AVE*** | ***WNW 1/8 - 1/4 (0.211 mi.)*** | ***AF282*** | ***860*** |
| MARCOR OF CALIF. | 2413 LEE AVE | WNW 1/8 - 1/4 (0.216 mi.) | AF297 | 871 |
| Facility Status: Historical | | | | |
| ***LUSOL PRODUCTS*** | ***2446 LEE AVE*** | ***NW 1/8 - 1/4 (0.226 mi.)*** | ***AK308*** | ***922*** |
| Facility Status: Historical | | | | |
| FORMER COOPER DRUM C | 9625 EL POCHE ST | SE 1/8 - 1/4 (0.228 mi.) | AL309 | 923 |
| Facility Status: Active | | | | |
| ***FORMER COOPER DRUM C*** | ***9629 EL POCHE ST*** | ***SE 1/8 - 1/4 (0.228 mi.)*** | ***AL311*** | ***925*** |
| Facility Status: Active | | | | |
| WAYCO METALS, INC. | 9618 EL POCHE ST | SE 1/8 - 1/4 (0.233 mi.) | AL315 | 932 |
| OPAL-LITE, INC. | 9234 RUSH ST | WSW 1/8 - 1/4 (0.236 mi.) | AD321 | 940 |
| Facility Status: Historical | | | | |
| ***UNITED SPRINKLER COM*** | ***2448 LEE AVE*** | ***NW 1/8 - 1/4 (0.237 mi.)*** | ***AK322*** | ***940*** |
| Facility Status: Historical | | | | |
| DIE CASTERS CUSTOM S | 9624 EL POCHE ST | SE 1/8 - 1/4 (0.238 mi.) | AL325 | 944 |
| Facility Status: Historical | | | | |
| ***COOPER DRUM COMPANY*** | ***9630 EL POCHE STREET*** | ***SE 1/8 - 1/4 (0.247 mi.)*** | ***AL331*** | ***950*** |
| Facility Status: Historical | | | | |
| ***SUNRISE INDUSTRIES*** | ***2028 LOMA AVE.*** | ***W 1/8 - 1/4 (0.249 mi.)*** | ***336*** | ***975*** |
| Facility Status: Active | | | | |

LOS ANGELES CO LF METHANE: This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

A review of the LOS ANGELES CO LF METHANE list, as provided by EDR, and dated 04/30/2012 has revealed that there is 1 LOS ANGELES CO LF METHANE site within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***MARTIN LITWIN DUMP*** | ***1626 ROSEMEAD BOULEV*** | ***S 1/4 - 1/2 (0.454 mi.)*** | ***AV369*** | ***1110*** |

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 7 EDR Hist Auto sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| FULLIN TREE INC | 2227 CHICO AVE | ENE 0 - 1/8 (0.093 mi.) | M120 | 494 |
| EUROPEAN AUTOMOTIVE | 2456 1/4 ROSEMEAD BL | NNW 1/8 - 1/4 (0.172 mi.) | W224 | 774 |
| **Lower Elevation** | **Address** | **Direction / Distance** | **Map ID** | **Page** |
| WOODS JACK UNION SER | 2305 S ROSEMEAD BL | NW 0 - 1/8 (0.016 mi.) | C37 | 269 |
| PILA | 9408 RUSH ST | SSW 0 - 1/8 (0.031 mi.) | E50 | 285 |
| GENE & DICK'S UNION | 9408 E RUSH | SSW 0 - 1/8 (0.031 mi.) | E53 | 290 |
| FU SING AUTO SERVICE | 2121 ROSEMEAD BLVD | W 0 - 1/8 (0.033 mi.) | A57 | 300 |
| DONS TEXACO SERVICE | 1955 N ROSEMEAD BLVD | SW 0 - 1/8 (0.090 mi.) | K110 | 483 |

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| COIT DRAPERY CLEANER | 2411 CHICO AVE | NE 1/8 - 1/4 (0.138 mi.) | Q183 | 651 |
| ELDON DRAPERY CLEANE | 2461 CHICO AVE | NNE 1/8 - 1/4 (0.215 mi.) | AJ294 | 869 |
| **Lower Elevation** | **Address** | **Direction / Distance** | **Map ID** | **Page** |
| ARTHUR K KAJIWARA EQ | 2129 TROY AVE | W 0 - 1/8 (0.111 mi.) | J134 | 524 |

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a

list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 3 RGA LUST sites within approximately 0.001 miles of the target property.

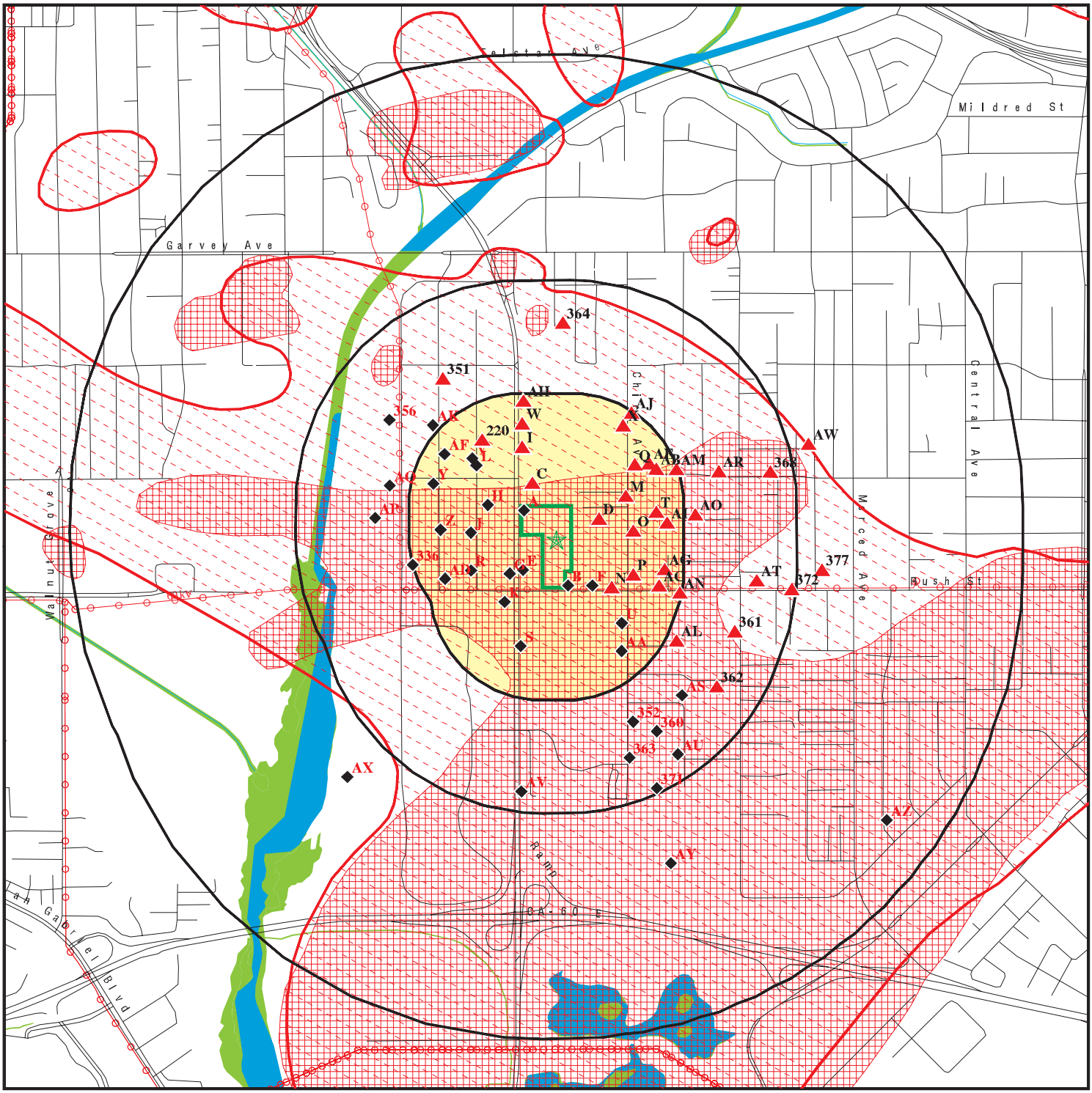
| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| PACIFIC COAST DRUM C | 2200 ROSEMEAD BOULEV | 0 - 1/8 (0.000 mi.) | A15 | 211 |
| PACIFIC COAST DRUM C | 2200 ROSEMEAD BLVD N | 0 - 1/8 (0.000 mi.) | A22 | 247 |
| PACIFIC COAST DRUM C | 2200 ROSEMEAD BOULEV | 0 - 1/8 (0.000 mi.) | A23 | 248 |

# EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

| Site Name | Database(s) |
|---|---|
| TED LEVINE DRUM ALPACA / EL POCHE | CPS-SLIC |

# OVERVIEW MAP - 6097435.2S




0 1/4 1/2 1 Miles

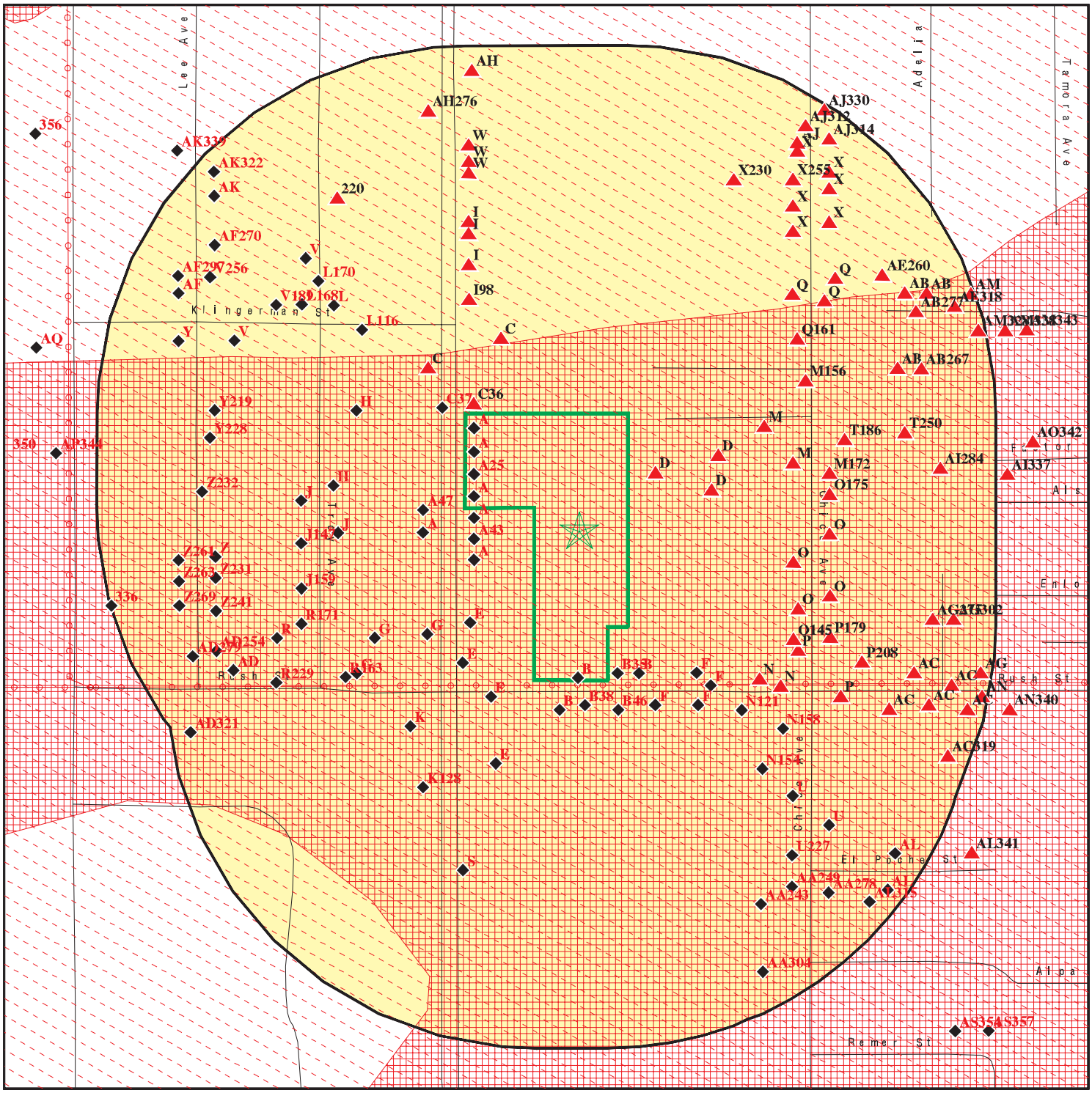
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

| | | | |
|---|---|---|---|
| SITE NAME: | North Rosemead Blvd, Rust Street | CLIENT: | Ramboll |
| ADDRESS: | North Rosemead Blvd, Rust Street<br>South El Monte CA 91733 | CONTACT: | Rita Vincent |
| | | INQUIRY #: | 6097435.2s |
| LAT/LONG: | 34.053412 / 118.062756 | DATE: | June 19, 2020 8:43 am |

Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

# DETAIL MAP - 6097435.2S




- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

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

| | | | |
|---|---|---|---|
| SITE NAME: | North Rosemead Blvd, Rust Street | CLIENT: | Ramboll |
| ADDRESS: | North Rosemead Blvd, Rust Street<br>South El Monte CA 91733 | CONTACT: | Rita Vincent |
| | | INQUIRY #: | 6097435.2s |
| LAT/LONG: | 34.053412 / 118.062756 | DATE: | June 19, 2020 8:44 am |

Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| **STANDARD ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Federal NPL site list*** | | | | | | | | |
| NPL | 1.000 | | 1 | 0 | 0 | 0 | NR | 1 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Federal Delisted NPL site list*** | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Federal CERCLIS list*** | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 1 | 1 | 0 | NR | NR | 2 |
| ***Federal CERCLIS NFRAP site list*** | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 1 | 0 | NR | NR | 1 |
| ***Federal RCRA CORRACTS facilities list*** | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Federal RCRA non-CORRACTS TSD facilities list*** | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 1 | 0 | NR | NR | 1 |
| ***Federal RCRA generators list*** | | | | | | | | |
| RCRA-LQG | 0.250 | | 4 | 0 | NR | NR | NR | 4 |
| RCRA-SQG | 0.250 | | 10 | 13 | NR | NR | NR | 23 |
| RCRA-VSQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Federal institutional controls / engineering controls registries*** | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 1 | 0 | 0 | NR | NR | 1 |
| US INST CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal ERNS list*** | | | | | | | | |
| ERNS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***State- and tribal - equivalent NPL*** | | | | | | | | |
| RESPONSE | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| ***State- and tribal - equivalent CERCLIS*** | | | | | | | | |
| ENVIROSTOR | 1.000 | | 1 | 2 | 1 | 6 | NR | 10 |
| ***State and tribal landfill and/or solid waste disposal site lists*** | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 2 | NR | NR | 2 |
| ***State and tribal leaking storage tank lists*** | | | | | | | | |
| LUST | 0.500 | | 9 | 6 | 5 | NR | NR | 20 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| CPS-SLIC | 0.500 | | 5 | 17 | 28 | NR | NR | 50 |
| ***State and tribal registered storage tank lists*** | | | | | | | | |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| UST | 0.250 | | 6 | 3 | NR | NR | NR | 9 |
| AST | 0.250 | | 2 | 1 | NR | NR | NR | 3 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***State and tribal voluntary cleanup sites*** | | | | | | | | |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***State and tribal Brownfields sites*** | | | | | | | | |
| BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| **ADDITIONAL ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Local Brownfield lists*** | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Landfill / Solid Waste Disposal Sites*** | | | | | | | | |
| WMUDS/SWAT | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| HAULERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Hazardous waste / Contaminated Sites*** | | | | | | | | |
| US HIST CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| AOCONCERN | 1.000 | | 1 | 0 | 0 | 0 | NR | 1 |
| HIST Cal-Sites | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| SCH | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| Toxic Pits | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| CERS HAZ WASTE | 0.250 | | 16 | 12 | NR | NR | NR | 28 |
| US CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PFAS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Registered Storage Tanks*** | | | | | | | | |
| SWEEPS UST | 0.250 | | 12 | 16 | NR | NR | NR | 28 |
| HIST UST | 0.250 | | 20 | 20 | NR | NR | NR | 40 |
| CERS TANKS | 0.250 | | 4 | 1 | NR | NR | NR | 5 |
| CA FID UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***Local Land Records*** | | | | | | | | |
| LIENS | 0.001 | | 0 | NR | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| LIENS 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DEED | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Records of Emergency Release Reports*** | | | | | | | | |
| HMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CHMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| LDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MCS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SPILLS 90 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Other Ascertainable Records*** | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 17 | 23 | NR | NR | NR | 40 |
| FUDS | 1.000 | | 0 | 0 | 0 | 3 | NR | 3 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TRIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SSTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ROD | 1.000 | | 1 | 0 | 0 | 0 | NR | 1 |
| RMP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RAATS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PRP | 0.001 | | 1 | NR | NR | NR | NR | 1 |
| PADS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICIS | 0.001 | | 1 | NR | NR | NR | NR | 1 |
| FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MLTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH DOE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RADINFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOT OPS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CONSENT | 1.000 | | 1 | 0 | 0 | 0 | NR | 1 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US AIRS | 0.001 | | 1 | NR | NR | NR | NR | 1 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ABANDONED MINES | TP | | NR | NR | NR | NR | NR | 0 |
| FINDS | 0.001 | | 5 | NR | NR | NR | NR | 5 |
| DOCKET HWC | TP | | NR | NR | NR | NR | NR | 0 |
| ECHO | TP | | NR | NR | NR | NR | NR | 0 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUELS PROGRAM | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| CA BOND EXP. PLAN | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Cortese | 0.500 | | 7 | 5 | 4 | NR | NR | 16 |
| CUPA Listings | 0.250 | | 0 | 0 | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| DRYCLEANERS | 0.250 | | 1 | 2 | NR | NR | NR | 3 |
| EMI | 0.001 | | 6 | NR | NR | NR | NR | 6 |
| ENF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| Financial Assurance | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HAZNET | 0.001 | | 5 | NR | NR | NR | NR | 5 |
| ICE | TP | | NR | NR | NR | NR | NR | 0 |
| HIST CORTESE | 0.500 | | 7 | 4 | 3 | NR | NR | 14 |
| LOS ANGELES CO. HMS | 0.001 | | 5 | NR | NR | NR | NR | 5 |
| HWP | 1.000 | | 0 | 1 | 0 | 0 | NR | 1 |
| HWT | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| MINES | TP | | NR | NR | NR | NR | NR | 0 |
| MWMP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| NPDES | 0.001 | | 1 | NR | NR | NR | NR | 1 |
| PEST LIC | TP | | NR | NR | NR | NR | NR | 0 |
| PROC | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Notify 65 | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| LA Co. Site Mitigation | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UIC GEO | TP | | NR | NR | NR | NR | NR | 0 |
| WASTEWATER PITS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| WDS | 0.001 | | 1 | NR | NR | NR | NR | 1 |
| WIP | 0.250 | | 66 | 97 | NR | NR | NR | 163 |
| MILITARY PRIV SITES | TP | | NR | NR | NR | NR | NR | 0 |
| PROJECT | TP | | NR | NR | NR | NR | NR | 0 |
| WDR | TP | | NR | NR | NR | NR | NR | 0 |
| CIWQS | TP | | NR | NR | NR | NR | NR | 0 |
| CERS | TP | | NR | NR | NR | NR | NR | 0 |
| NON-CASE INFO | TP | | NR | NR | NR | NR | NR | 0 |
| OTHER OIL GAS | TP | | NR | NR | NR | NR | NR | 0 |
| PROD WATER PONDS | TP | | NR | NR | NR | NR | NR | 0 |
| SAMPLING POINT | TP | | NR | NR | NR | NR | NR | 0 |
| WELL STIM PROJ | TP | | NR | NR | NR | NR | NR | 0 |
| MINES MRDS | TP | | NR | NR | NR | NR | NR | 0 |
| HWTS | TP | | NR | NR | NR | NR | NR | 0 |
| LOS ANGELES CO LF METHANE | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| **EDR HIGH RISK HISTORICAL RECORDS** | | | | | | | | |
| ***EDR Exclusive Records*** | | | | | | | | |
| EDR MGP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| EDR Hist Auto | 0.250 | | 6 | 1 | NR | NR | NR | 7 |
| EDR Hist Cleaner | 0.250 | | 1 | 2 | NR | NR | NR | 3 |
| **EDR RECOVERED GOVERNMENT ARCHIVES** | | | | | | | | |
| ***Exclusive Recovered Govt. Archives*** | | | | | | | | |
| RGA LF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RGA LUST | 0.001 | | 3 | NR | NR | NR | NR | 3 |
| - Totals -- | | 0 | 229 | 230 | 44 | 11 | 0 | 514 |

# MAP FINDINGS SUMMARY

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

**Areas of Concern** | **SAN GABRIEL VALLEY** | **AOCONCERN** | **CCA0000001** | **N/A**

**BALDWIN PARK, CA**

**< 1/8**
**1 ft.**

AOC:
Description: San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

---

**NPL Region** | **SAN GABRIEL VALLEY (AREA 1)** | **NPL** | **1000114959**
**PECK RD & REAL** | **SEMS** | **CAD980677355**
**EL MONTE, CA 91733** | **US ENG CONTROLS**

**< 1/8**
**1 ft.**

**ROD**
**PRP**
**CONSENT**
**FINDS**
**ECHO**

NPL:
Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
EPA Region: 9
Federal: N
Final Date: 1984-05-08 00:00:00
Site ID: 901951
Latitude: 34.125
Site Score: 42.240000000000002
Longitude: -118

NPL:
EPA ID: CAD980677355
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 100 Feet
Category Value: 135

EPA ID: CAD980677355
NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

NPL:
EPA ID: CAD980677355
Site ID: 0901951
Site Status: F
Federal Site: N
EPA Region: 09
Date Proposed: 09/08/83
Date Deleted: Not reported
Date Finalized: 05/08/84

NPL:
EPA ID: CAD980677355
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Pathway: Not reported
Scoring: Not reported

EPA ID: CAD980677355
NPL Status: Currently on the Final NPL
Substance ID: U044
Substance: CHLOROFORM
CAS #: 67-66-3
Pathway: GROUND WATER PATHWAY
Scoring: 4

EPA ID: CAD980677355
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

EPA ID: CAD980677355
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL:
EPA ID: CAD980677355
Summary: Conditions at listing September 1983): San Gabriel Valley Area 1) is a ground water plume that runs along the axis of the Rio Hondo Wash and the Salt Pit Wash in the San Gabriel ground water basin in El Monte, Los Angeles County, California

EPA ID: CAD980677355
Summary: . The plume also parallels the San Gabriel River to the east. It is approximately 4 miles long and 1.5 miles wide. Ground water is contaminated with trichloroethylene TCE), perchloroethylene PCE), and carbon tetrachloride CTC) accord

EPA ID: CAD980677355
Summary: ing to analyses by State agencies and local water companies. Many public wells in this area exceed the EPA Suggested No Adverse Response Levels SNARL) for TCE and PCE. Approximately 200,000 people are affected. Cities and public water compan

EPA ID: CAD980677355
Summary: ies in the area have tested to ensure that their water supplies contain less than 5 parts per billion ppb) of TCE and 4 ppb PCE, levels considered safe for human consumption. When alternative methods of reducing the TCE and PCE levels below su

EPA ID: CAD980677355
Summary: ch levels are not effective, wells are removed from service. Currently, three small mutual water companies have no alternate water supply and have advised their customers to use bottled water. Status June 1984): As a result of EP

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

EPA ID: CAD980677355
Summary: A s analysis of initial remedial measures, completed in December l983, EPA will install water treatment systems to provide clean water to two of the three companies that have no alternate supply. The third company has already purchased a treat

EPA ID: CAD980677355
Summary: ment system and will begin operation of the system soon. A supplemental sampling program of contaminated wells will begin soon to get a snapshot view of the degree of contamination. The State Department of Health Services and EPA are

EPA ID: CAD980677355
Summary: preparing to initiate a remedial investigation/feasibility study to determine the aerial and vertical extent of contamination and to develop alternatives for treatment and management of the problem. EPA continues its investigation to iden

EPA ID: CAD980677355
Summary: tify sources of contamination. This site, along with the three other San Gabriel Valley sites, was added to the NPL in May 1984 because it involves a serious problem that required taking immediate remedial action.

NPL:
EPA ID: CAD980677355
NPL Status: Final
Proposed Date: 09/08/1983
Final Date: 05/08/1984
Deleted Date: Not reported

NPL:
EPA ID: CAD980677355
NPL Name: SAN GABRIEL VALLEY (AREA 1)

SEMS:
Site ID: 0901951
EPA ID: CAD980677355
Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
Address 2: Not reported
City,State,Zip: EL MONTE, CA 91733
Cong District: 28,31,38
FIPS Code: 06037
Latitude: +34.125000
Longitude: -118.000000
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | RA |
| Action Name: | RA |
| SEQ: | 2 |
| Start Date: | 2000-09-27 04:00:00 |
| Finish Date: | 9/30/2003 4:00:00 AM |
| Qual: | IR |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | RS |
| Action Name: | RV ASSESS |
| SEQ: | 2 |
| Start Date: | 1991-12-27 05:00:00 |
| Finish Date: | 12/27/1991 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 04 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 4 |
| Start Date: | 1987-04-01 05:00:00 |
| Finish Date: | 9/29/1988 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 5 |
| Start Date: | 1987-04-01 05:00:00 |
| Finish Date: | 3/31/1993 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | DS |
| Action Name: | DISCVRY |
| SEQ: | 1 |
| Start Date: | 1980-04-01 05:00:00 |
| Finish Date: | 4/1/1980 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | CR |
| Action Name: | CI |
| SEQ: | 2 |
| Start Date: | 2000-09-28 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 1 |
| Start Date: | 2006-09-28 04:00:00 |
| Finish Date: | 9/28/2006 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | PA |
| Action Name: | PA |
| SEQ: | 1 |
| Start Date: | 1983-09-01 04:00:00 |
| Finish Date: | 9/1/1983 4:00:00 AM |
| Qual: | H |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: OF
Action Name: O AND F
SEQ: 1
Start Date: 2003-05-16 04:00:00
Finish Date: 5/16/2003 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: LR
Action Name: LT RESP
SEQ: 2
Start Date: 2003-05-16 04:00:00
Finish Date: 5/16/2013 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2011-09-14 04:00:00
Finish Date: 9/14/2011 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: RA
Action Name: RA
SEQ: 1

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Start Date: | 1988-05-25 04:00:00 |
| Finish Date: | 3/29/1989 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | CR |
| Action Name: | CI |
| SEQ: | 3 |
| Start Date: | 2006-06-21 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | MA |
| Action Name: | ST COOP |
| SEQ: | 4 |
| Start Date: | 2010-10-07 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 4 |
| Start Date: | 2012-09-26 04:00:00 |
| Finish Date: | 9/11/2013 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 05 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Action Code: | FS |
| Action Name: | FS |
| SEQ: | 1 |
| Start Date: | 2014-07-10 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | FE |
| Action Name: | 5 YEAR |
| SEQ: | 3 |
| Start Date: | 2015-10-07 04:00:00 |
| Finish Date: | 9/30/2016 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 05 |
| Action Code: | RA |
| Action Name: | RA |
| SEQ: | 3 |
| Start Date: | 2008-08-07 04:00:00 |
| Finish Date: | 8/16/2013 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 04 |
| Action Code: | AR |
| Action Name: | ADMIN REC |
| SEQ: | 3 |
| Start Date: | 1991-06-25 04:00:00 |
| Finish Date: | 6/25/1991 4:00:00 AM |
| Qual: | E |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 6 |
| Start Date: | 1997-03-27 05:00:00 |
| Finish Date: | 11/10/1999 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | SI |
| Action Name: | SI |
| SEQ: | 2 |
| Start Date: | 1983-03-01 05:00:00 |
| Finish Date: | 9/1/1983 4:00:00 AM |
| Qual: | H |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | CR |
| Action Name: | CI |
| SEQ: | 1 |
| Start Date: | 1984-05-01 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | AR |
| Action Name: | ADMIN REC |
| SEQ: | 1 |
| Start Date: | 1993-08-25 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | NP |
| Action Name: | PROPOSED |
| SEQ: | 1 |
| Start Date: | 1983-09-08 04:00:00 |
| Finish Date: | 9/8/1983 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | JF |
| Action Name: | ECO RISK |
| SEQ: | 1 |
| Start Date: | 1992-09-16 04:00:00 |
| Finish Date: | 9/16/1992 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | GM |
| Action Name: | GWTRMON |
| SEQ: | 1 |
| Start Date: | 1993-04-28 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | RS |
| Action Name: | RV ASSESS |
| SEQ: | 1 |
| Start Date: | 1990-09-19 04:00:00 |
| Finish Date: | 9/19/1990 4:00:00 AM |
| Qual: | Not reported |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 05
Action Code: RO
Action Name: ROD
SEQ: 6
Start Date: 2000-09-29 04:00:00
Finish Date: 9/29/2000 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: RD
Action Name: RD
SEQ: 5
Start Date: 2012-08-12 04:00:00
Finish Date: 7/1/2013 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: RA
Action Name: RA
SEQ: 4
Start Date: 2013-07-01 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 1

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Start Date: | 1988-01-12 05:00:00 |
| Finish Date: | 3/31/2006 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | AR |
| Action Name: | ADMIN REC |
| SEQ: | 2 |
| Start Date: | 1989-03-02 05:00:00 |
| Finish Date: | Not reported |
| Qual: | E |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | HR |
| Action Name: | HAZRANK |
| SEQ: | 1 |
| Start Date: | 1983-09-01 04:00:00 |
| Finish Date: | 9/1/1983 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | TA |
| Action Name: | TECH ASSIST |
| SEQ: | 1 |
| Start Date: | 1989-09-15 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 03 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Action Code: | RO |
| Action Name: | ROD |
| SEQ: | 1 |
| Start Date: | 1984-05-11 04:00:00 |
| Finish Date: | 5/11/1984 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 04 |
| Action Code: | RO |
| Action Name: | ROD |
| SEQ: | 3 |
| Start Date: | 1988-09-29 04:00:00 |
| Finish Date: | 9/29/1988 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | RD |
| Action Name: | RD |
| SEQ: | 4 |
| Start Date: | 1999-04-05 04:00:00 |
| Finish Date: | 3/29/2002 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 04 |
| Action Code: | RD |
| Action Name: | RD |
| SEQ: | 3 |
| Start Date: | 1988-09-14 04:00:00 |
| Finish Date: | 7/18/1991 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

NPL: F
FF: N
OU: 01
Action Code: ED
Action Name: R/H ASMT
SEQ: 1
Start Date: 1992-09-16 04:00:00
Finish Date: 9/16/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 1984-05-08 04:00:00
Finish Date: 5/8/1984 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 1983-06-13 04:00:00
Finish Date: 5/11/1984 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: RO
Action Name: ROD
SEQ: 4
Start Date: 1993-03-31 05:00:00
Finish Date: 3/31/1993 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | RO |
| Action Name: | ROD |
| SEQ: | 5 |
| Start Date: | 1999-06-23 04:00:00 |
| Finish Date: | 6/23/1999 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 03 |
| Action Code: | RD |
| Action Name: | RD |
| SEQ: | 1 |
| Start Date: | 1985-09-30 04:00:00 |
| Finish Date: | 2/4/1988 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 04 |
| Action Code: | RD |
| Action Name: | RD |
| SEQ: | 2 |
| Start Date: | 1988-09-14 04:00:00 |
| Finish Date: | 6/13/1991 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 05 |
| Action Code: | LR |
| Action Name: | LT RESP |
| SEQ: | 3 |
| Start Date: | 2013-05-10 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 05
Action Code: GM
Action Name: GWTRMON
SEQ: 2
Start Date: 2000-09-29 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 05
Action Code: RI
Action Name: RI
SEQ: 1
Start Date: 2010-07-14 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 4
Start Date: 2011-12-22 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 5

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Start Date: | 2011-12-22 05:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | CR |
| Action Name: | CI |
| SEQ: | 6 |
| Start Date: | 2012-12-13 05:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 05 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 10 |
| Start Date: | 2016-02-25 05:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 08 |
| Action Code: | FM |
| Action Name: | FPA/MA |
| SEQ: | 1 |
| Start Date: | 2020-02-13 05:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 07 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Action Code: | TA |
| Action Name: | TECH ASSIST |
| SEQ: | 2 |
| Start Date: | 2019-08-01 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 02 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 11 |
| Start Date: | 2016-06-30 04:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 05 |
| Action Code: | BE |
| Action Name: | PRP RD |
| SEQ: | 2 |
| Start Date: | 2003-09-22 04:00:00 |
| Finish Date: | 8/16/2013 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 08 |
| Action Code: | BE |
| Action Name: | PRP RD |
| SEQ: | 3 |
| Start Date: | 2003-11-14 05:00:00 |
| Finish Date: | 5/13/2008 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| NPL: | F |
| FF: | N |
| OU: | 09 |
| Action Code: | BE |
| Action Name: | PRP RD |
| SEQ: | 4 |
| Start Date: | 2003-11-14 05:00:00 |
| Finish Date: | 2/9/2010 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 08 |
| Action Code: | BE |
| Action Name: | PRP RD |
| SEQ: | 7 |
| Start Date: | 2003-11-14 05:00:00 |
| Finish Date: | 9/22/2010 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | BE |
| Action Name: | PRP RD |
| SEQ: | 1 |
| Start Date: | 2003-11-14 05:00:00 |
| Finish Date: | 4/28/2005 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | BD |
| Action Name: | PRP RI/FS |
| SEQ: | 1 |
| Start Date: | 1995-03-16 05:00:00 |
| Finish Date: | 6/23/1999 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |
| | |
| Region: | 09 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 05 |
| Action Code: | BD |
| Action Name: | PRP RI/FS |
| SEQ: | 2 |
| Start Date: | 1995-07-25 04:00:00 |
| Finish Date: | 9/29/2000 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 09 |
| Action Code: | BF |
| Action Name: | PRP RA |
| SEQ: | 3 |
| Start Date: | 2010-02-09 05:00:00 |
| Finish Date: | Not reported |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 08 |
| Action Code: | BF |
| Action Name: | PRP RA |
| SEQ: | 1 |
| Start Date: | 2008-05-13 04:00:00 |
| Finish Date: | 2/19/2020 5:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | EPA Ovrsght |

| | |
|---|---|
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 08 |
| Action Code: | BF |
| Action Name: | PRP RA |
| SEQ: | 6 |
| Start Date: | 2010-09-22 04:00:00 |
| Finish Date: | 2/19/2020 5:00:00 AM |
| Qual: | Not reported |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 09
Action Code: ME
Action Name: PRP LR
SEQ: 2
Start Date: 2016-11-08 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 08
Action Code: ME
Action Name: PRP LR
SEQ: 1
Start Date: 2016-11-08 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 2013-05-16 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0901951
EPA ID: CAD980677355
Site Name: SAN GABRIEL VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 2

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Start Date: | 2006-09-18 04:00:00 |
| Finish Date: | 6/30/2010 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | St Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |
| Action Code: | MA |
| Action Name: | ST COOP |
| SEQ: | 3 |
| Start Date: | 2006-09-18 04:00:00 |
| Finish Date: | 6/30/2010 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | St Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 01 |
| Action Code: | CO |
| Action Name: | RI/FS |
| SEQ: | 3 |
| Start Date: | 1985-09-30 04:00:00 |
| Finish Date: | 9/30/1990 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | St Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 03 |
| Action Code: | LR |
| Action Name: | LT RESP |
| SEQ: | 1 |
| Start Date: | 1990-04-16 04:00:00 |
| Finish Date: | 5/25/1998 4:00:00 AM |
| Qual: | Not reported |
| Current Action Lead: | St Perf |
| | |
| Region: | 09 |
| Site ID: | 0901951 |
| EPA ID: | CAD980677355 |
| Site Name: | SAN GABRIEL VALLEY (AREA 1) |
| NPL: | F |
| FF: | N |
| OU: | 00 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1983-03-01 05:00:00
Finish Date: 9/1/1983 4:00:00 AM
Qual: H
Current Action Lead: St Perf

SIte:
Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
Address 2: Not reported
City,State,Zip: EL MONTE, CA 91733
Event Code: Not reported
Action Taken Date: 11/10/2005
EPA ID: CAD980677355
Site ID: 0901951
Action Name: GOVT ESD
Action ID: 2
Operable Unit: 05
Action Completion Date: 12/31/2005
Contaminated Media: Groundwater
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Media:
EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 2
Action Completion Date: 09/30/1987
Operable Unit: 03
Action Name: GOVT ROD Amendment
Action Taken Date: 09/30/1987
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 3
Action Completion Date: 09/30/1999
Operable Unit: 02
Action Name: GOVT ROD Amendment
Action Taken Date: 11/10/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Action ID: | 3 |
| Action Completion Date: | 09/30/1999 |
| Operable Unit: | 02 |
| Action Name: | GOVT ROD Amendment |
| Action Taken Date: | 11/10/1999 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 1 |
| Action Completion Date: | 06/30/1984 |
| Operable Unit: | 03 |
| Action Name: | GOVT Decision Document (ROD) |
| Action Taken Date: | 05/11/1984 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 3 |
| Action Completion Date: | 09/30/1988 |
| Operable Unit: | 04 |
| Action Name: | GOVT Decision Document (ROD) |
| Action Taken Date: | 09/29/1988 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 1 |
| Action Completion Date: | 08/22/2002 |
| Operable Unit: | 01 |
| Action Name: | GOVT ESD |
| Action Taken Date: | 08/22/2002 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 5 |
| Action Completion Date: | 09/30/1999 |
| Operable Unit: | 01 |
| Action Name: | GOVT ROD for PRP Remedy |
| Action Taken Date: | 06/23/1999 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 3
Action Completion Date: 09/30/1999
Operable Unit: 02
Action Name: GOVT ROD Amendment
Action Taken Date: 11/10/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 2
Action Completion Date: 12/31/2005
Operable Unit: 05
Action Name: GOVT ESD
Action Taken Date: 11/10/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 1
Action Completion Date: 09/30/1993
Operable Unit: 04
Action Name: GOVT ROD Amendment
Action Taken Date: 09/22/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 2
Action Completion Date: 12/31/2005
Operable Unit: 05
Action Name: GOVT ESD
Action Taken Date: 11/10/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 1 |
| Action Completion Date: | 06/30/1984 |
| Operable Unit: | 03 |
| Action Name: | GOVT Decision Document (ROD) |
| Action Taken Date: | 05/11/1984 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 6 |
| Action Completion Date: | 09/30/2000 |
| Operable Unit: | 05 |
| Action Name: | GOVT ROD for PRP Remedy |
| Action Taken Date: | 09/29/2000 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 6 |
| Action Completion Date: | 09/30/2000 |
| Operable Unit: | 05 |
| Action Name: | GOVT ROD for PRP Remedy |
| Action Taken Date: | 09/29/2000 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 3 |
| Action Completion Date: | 09/30/1988 |
| Operable Unit: | 04 |
| Action Name: | GOVT Decision Document (ROD) |
| Action Taken Date: | 09/29/1988 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 3 |
| Action Completion Date: | 09/30/1988 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Operable Unit: | 04 |
| Action Name: | GOVT Decision Document (ROD) |
| Action Taken Date: | 09/29/1988 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 5 |
| Action Completion Date: | 09/30/1999 |
| Operable Unit: | 01 |
| Action Name: | GOVT ROD for PRP Remedy |
| Action Taken Date: | 06/23/1999 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 5 |
| Action Completion Date: | 09/30/1999 |
| Operable Unit: | 01 |
| Action Name: | GOVT ROD for PRP Remedy |
| Action Taken Date: | 06/23/1999 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 1 |
| Action Completion Date: | 09/30/1993 |
| Operable Unit: | 04 |
| Action Name: | GOVT ROD Amendment |
| Action Taken Date: | 09/22/1993 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 5 |
| Action Completion Date: | 09/30/1999 |
| Operable Unit: | 01 |
| Action Name: | GOVT ROD for PRP Remedy |
| Action Taken Date: | 06/23/1999 |
| Event Code: | Not reported |
| Contact Name: | Not reported |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 4
Action Completion Date: 03/31/1993
Operable Unit: 02
Action Name: GOVT Decision Document (ROD)
Action Taken Date: 03/31/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 1
Action Completion Date: 06/30/1984
Operable Unit: 03
Action Name: GOVT Decision Document (ROD)
Action Taken Date: 05/11/1984
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 1
Action Completion Date: 08/22/2002
Operable Unit: 01
Action Name: GOVT ESD
Action Taken Date: 08/22/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 5
Action Completion Date: 09/30/1999
Operable Unit: 01
Action Name: GOVT ROD for PRP Remedy
Action Taken Date: 06/23/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Site ID: 0901951
Action ID: 5
Action Completion Date: 09/30/1999
Operable Unit: 01
Action Name: GOVT ROD for PRP Remedy
Action Taken Date: 06/23/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 3
Action Completion Date: 09/30/1999
Operable Unit: 02
Action Name: GOVT ROD Amendment
Action Taken Date: 11/10/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 3
Action Completion Date: 09/30/1999
Operable Unit: 02
Action Name: GOVT ROD Amendment
Action Taken Date: 11/10/1999
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 1
Action Completion Date: 09/30/1993
Operable Unit: 04
Action Name: GOVT ROD Amendment
Action Taken Date: 09/22/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: CAD980677355
Contaminated Media: Groundwater
Site ID: 0901951
Action ID: 1
Action Completion Date: 09/30/1993
Operable Unit: 04
Action Name: GOVT ROD Amendment

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

| | |
|---|---|
| Action Taken Date: | 09/22/1993 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 3 |
| Action Completion Date: | 09/30/1988 |
| Operable Unit: | 04 |
| Action Name: | GOVT Decision Document (ROD) |
| Action Taken Date: | 09/29/1988 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 1 |
| Action Completion Date: | 08/22/2002 |
| Operable Unit: | 01 |
| Action Name: | GOVT ESD |
| Action Taken Date: | 08/22/2002 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Contaminated Media: | Groundwater |
| Site ID: | 0901951 |
| Action ID: | 5 |
| Action Completion Date: | 09/30/1999 |
| Operable Unit: | 01 |
| Action Name: | GOVT ROD for PRP Remedy |
| Action Taken Date: | 06/23/1999 |
| Event Code: | Not reported |
| Contact Name: | Not reported |
| Contact Telephone: | Not reported |
| Event: | Not reported |

ROD:

| | |
|---|---|
| Name: | SAN GABRIEL VALLEY (AREA 1) |
| Address: | PECK RD & REAL |
| City,State,Zip: | EL MONTE, CA 91733 |
| EPA ID: | CAD980677355 |
| RG: | 9 |
| Site ID: | 901951 |
| Action: | GOVT Decision Document (ROD) |
| Operable Unit Number: | RICHWOOD WATER COMPANY |
| SEQ ID: | 1 |
| Action Completion: | 1984-05-11 00:00:00 |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT Decision Document (ROD)
Operable Unit Number: SUBURBAN
SEQ ID: 3
Action Completion: 1988-09-29 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT Decision Document (ROD)
Operable Unit Number: WHITTIER-NARROWS
SEQ ID: 4
Action Completion: 1993-03-31 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ESD
Operable Unit Number: EL MONTE
SEQ ID: 1
Action Completion: 2002-08-22 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ESD
Operable Unit Number: SOUTH EL MONTE
SEQ ID: 2
Action Completion: 2005-11-10 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD Amendment
Operable Unit Number: SUBURBAN
SEQ ID: 1
Action Completion: 1993-09-22 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD Amendment
Operable Unit Number: RICHWOOD WATER COMPANY
SEQ ID: 2
Action Completion: 1987-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD Amendment
Operable Unit Number: WHITTIER-NARROWS
SEQ ID: 3
Action Completion: 1999-11-10 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD for PRP Remedy
Operable Unit Number: EL MONTE
SEQ ID: 5
Action Completion: 1999-06-23 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 1)
Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733
EPA ID: CAD980677355
RG: 9
Site ID: 901951
Action: GOVT ROD for PRP Remedy

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Operable Unit Number: SOUTH EL MONTE
SEQ ID: 6
Action Completion: 2000-09-29 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:
PRP Name: A & A SCREW PRODUCTS
A & B BUS COMPANY
A & J SYSTEMS
A & L MOTOR PARTS, INC.
A&E PLASTICS CO.
A-1 ORNAMENTAL IRON
ABERCROMBIE, DEANNA
ACORN ENGINEERING CO.
ACROMIL
ADAMS AND CAMPBELL COMPANY LTD.
ADAMS AND COLTRIN, INC.
ADAMS FAMILY TRUST
ADVANCED HEAT TECHNOLOGY CORP.
AEROJET ELECTROSYSTEMS
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROSOL SERVICES COMPANY
AIR DISTRIBUTION PRODUCTS, INC.
AIR DISTRIBUTION PRODUCTS, INC.
AIRCRAFT STAMPING CO
AIRCRAFT STAMPING CO
AIRCRAFT STAMPING COMPANY, INC
ALBERT ALFIERI
ALLEGHENY TECHNOLOGIES
ALLFAST FASTENING SYSTEMS, INC.
ALLIED PHOTO PRODUCTS INC.
ALLSTATE INSURANCE CO.
AMERICAN SHEDS INC.
AMERON, INC
ANDRUSS FAMILY TRUST
ANTHONY MONTES
APW NORTH AMERICA INC.
ARCADIA MACHINE AND TOOL
AREMAC ASSOCIATES
AREMAC ASSOCIATES
AREMAC HEAT TREATING, INC.
AREMAC HEAT TREATING,INC.
ART WEISS
ART WEISS
ART WEISS, INC.
ARTHUR B. SCHULTZ AND JOSEPH POLTORAK
ARTISTIC POLISHING AND PLATING
ARTISTIC POLISHING AND PLATING
ARTISTIC POLISHING AND PLATING
ASSOCIATED ASPHALT PAVING MATERIALS
ASTRO SEAL, INC.
ASTRO SEAL, INC.
ASTRO SEAL, INC.
ASTRO SEAL, INC.

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

ASTRO SEAL, INC.
ASTRO SEAL, INC.
ASTRO SEAL, INC.
ASTRONAUTIC ENAMELERS
ASTRONAUTIC ENAMELERS
AZUSA LAND RECLAMATION
AZUSA LAND RECLAMATION
AZUSA LAND RECLAMATION
AZUSA ROCK INC.
B&B RED-I-MIX-CONCRETE INC.

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

CONSENT:

| | |
|---|---|
| EPA ID: | CAD980677355 |
| Site ID: | Not reported |
| Case Title: | Not reported |
| Court Num: | Not reported |
| District: | Not reported |
| Entered Date: | Not reported |
| Name: | IN THE MATTER OF: SAN GABRIEL VALLEY SUPERFUND SI |
| Name: | SAN GABRIEL VALLEY (AREA 1) |
| Address: | PECK RD & REAL |
| City,State,Zip: | EL MONTE, CA 91733 |
| County: | LOS ANGELES |

FINDS:

| | |
|---|---|
| Registry ID: | 110009329538 |
| Facility URL: | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009329538 |

Environmental Interest/Information System:
SUPERFUND NPL
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

| | |
|---|---|
| Envid: | 1000114959 |
| Registry ID: | 110009329538 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110009329538 |
| Name: | SAN GABRIEL VALLEY (AREA 1) |

**SAN GABRIEL VALLEY (AREA 1) (Continued)** **1000114959**

Address: PECK RD & REAL
City,State,Zip: EL MONTE, CA 91733

---

**A1** **PACIFIC COAST DRUM COMPANY** **SWEEPS UST** **S104582460**
**2200 N ROSEMEAD BLVD** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 1 of 42 in cluster A**

**Relative: Lower**
**Actual: 235 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | PACIFIC COAST DRUM CO |
| Address: | 2200 N ROSEMEAD BLVD |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 4601 |
| Number: | 9 |
| Board Of Equalization: | 44-007832 |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-004601-000001 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | 3 |

| | |
|---|---|
| Name: | PACIFIC COAST DRUM CO |
| Address: | 2200 N ROSEMEAD BLVD |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 4601 |
| Number: | 9 |
| Board Of Equalization: | 44-007832 |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-004601-000002 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

| | |
|---|---|
| Name: | PACIFIC COAST DRUM CO |
| Address: | 2200 N ROSEMEAD BLVD |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 4601 |
| Number: | 9 |
| Board Of Equalization: | 44-007832 |
| Referral Date: | 06-30-89 |

**PACIFIC COAST DRUM COMPANY (Continued)** **S104582460**

Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-004601-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

WIP:
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 N Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0266
**File Status: Active**
Staff: REHE
Facility Suite: Not reported

---

**A2** **DITTY CONTAINER** **LOS ANGELES CO. HMS** **S102058607**
**2226 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 2 of 42 in cluster A**

**Relative: Lower**
**Actual: 236 ft.**

LOS ANGELES CO. HMS:
Name: DITTY CONTAINER
Address: 2226 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 917331520
Region: LA
Permit Category: T
Facility Id: 004434-004601
Facility Type: 0
Facility Status: Closed
Area: 3U
Permit Number: 00000200T
Permit Status: Closed

---

**A3** **DITTY CONTAINER INC** **LOS ANGELES CO. HMS** **1009397855**
**2226 ROSEMEAD BLVD** **CIWQS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**1 ft.**

**Site 3 of 42 in cluster A**

**Relative: Lower**
**Actual: 236 ft.**

LOS ANGELES CO. HMS:
Name: DITTY CONTAINER INC
Address: 2226 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 917331520
Region: LA
Permit Category: I
Facility Id: 004434-020386
Facility Type: 01
Facility Status: Closed

**DITTY CONTAINER INC (Continued)** **1009397855**

Area: 3U
Permit Number: 000013348
Permit Status: Closed

Name: DITTY CONTAINER INC
Address: 2226 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 917331520
Region: LA
Permit Category: I
Facility Id: 004434-020386
Facility Type: 09
Facility Status: Closed
Area: 3U
Permit Number: 000087170
Permit Status: Closed

CIWQS:

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Agency: | Ditty Container Inc |
| Agency Address: | 2226 Rosemead Blvd, South El Monte, CA 91733 |
| Place/Project Type: | Industrial - General Industrial Machinery and Equipment, NEC |
| SIC/NAICS: | 3569 |
| Region: | 4 |
| Program: | INDSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 4 19I012779 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 12/30/1996 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 34.05388 |
| Longitude: | -118.06423 |

CERS:

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 530633 |
| CERS ID: | 220354 |
| CERS Description: | Industrial Facility Storm Water |

Violations:

| | |
|---|---|
| Site ID: | 530633 |
| Site Name: | Ditty Container Inc |
| Violation Date: | 07-02-1999 |
| Citation: | 2014-0057-DWQ - Industrial General Permit |

**DITTY CONTAINER INC (Continued)** **1009397855**

Violation Description: SW - Deficient Report
Violation Notes: Non-submittal of Annual Report. Due 7//1/1999
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 530633
Site Name: Ditty Container Inc
Violation Date: 12-15-2008
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: 466 - mhos/cm of SC was detected at the location, North Outfall, on 12/15/2008. 108 & 648 mg/L of TSS were detected at North Outfall & South Outfall on 12/15/2008 & 02/09/2009, respectively.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-27-2002
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: After inspecting the SWPPP and facility staff observed the following violation with the plan & facility to SWPPP did not address all the section in the permit violation inspection form 2) poor housekeeping located in process drum area, oil observed in sam
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Enforcement Action:
Site ID: 530633
Site Name: Ditty Container Inc
Site Address: 2226 ROSEMEAD BLVD
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 03-18-2010
Enf Action Type: Staff Enforcement Letter
Enf Action Description: Staff Enforcement Letter
Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that the permittee will develop and implement the BMPs to reduce or prevent pollutants in SW discharges. Letter also required permittee to submit evidence of implemented additional BMPs and SWPPP amendments if the permittee is already implementing the BMPs.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Ditty Container Inc
Entity Title: Operator
Affiliation Address: 2226 Rosemead Blvd
Affiliation City: South El Monte
Affiliation State: CA

**DITTY CONTAINER INC (Continued)** **1009397855**

Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

---

**A4** **RANZ MOTOR SPORTS** **FINDS** **1023281769**
**2200 N ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 4 of 42 in cluster A**

**Relative:** **Lower**
**Actual:** **235 ft.**

FINDS:
Registry ID: 110065724354
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065724354

Environmental Interest/Information System:
STATE MASTER

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

---

**A5** **DITTY CONTAINER** **CERS HAZ WASTE** **S113144709**
**2200 N ROSEMEAD BLVD** **CERS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 5 of 42 in cluster A**

**Relative:** **Lower**
**Actual:** **235 ft.**

CERS HAZ WASTE:
Name: RANZ MOTOR SPORTS
Address: 2200 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 60464
CERS ID: 10299376
CERS Description: Hazardous Waste Generator

CERS:
Name: DITTY CONTAINER
Address: 2200 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733-1520
Site ID: 464740
CERS ID: 110009529616
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU LOS ANGELES RWQCB REGN 4TH
Entity Title: Not reported
Affiliation Address: 320 W 4TH ST NA SUITE 200
Affiliation City: LOSANGELES
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**A6** **DITTY CONTAINER INC** **EMI S105937518**
**2226 ROSEMEAD BLVD** **NPDES N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 6 of 42 in cluster A**

**Relative:** EMI:
**Lower**

**Actual:**
**236 ft.**

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 NORTH ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1997 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7699 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 24 |
| Reactive Organic Gases Tons/Yr: | 22 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 1 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 NORTH ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1998 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7699 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 23 |
| Reactive Organic Gases Tons/Yr: | 22 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 1 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 NORTH ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1999 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7699 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |

**DITTY CONTAINER INC (Continued)** **S105937518**

| | |
|---|---|
| Total Organic Hydrocarbon Gases Tons/Yr: | 24 |
| Reactive Organic Gases Tons/Yr: | 22 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 1 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 NORTH ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2000 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7699 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 24 |
| Reactive Organic Gases Tons/Yr: | 22 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 1 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 NORTH ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2009 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7623 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.41789840752477098 |
| Reactive Organic Gases Tons/Yr: | 0.25116650000000001 |
| Carbon Monoxide Emissions Tons/Yr: | 0.22042 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.82050000000000001 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.003823 |
| Particulate Matter Tons/Yr: | 0.32943800000000001 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.31778200000000001 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 NORTH ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2010 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7623 |

**DITTY CONTAINER INC (Continued)** **S105937518**

| | |
|---|---|
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.40955252778941098 |
| Reactive Organic Gases Tons/Yr: | 0.17262 |
| Carbon Monoxide Emissions Tons/Yr: | 0.27038000000000001 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.99900999999999995 |
| SOX - Oxides of Sulphur Tons/Yr: | 4.5999999999999999E-3 |
| Particulate Matter Tons/Yr: | 0.20127 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.19494449999999999 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 NORTH ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2011 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7623 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.45131956354 |
| Reactive Organic Gases Tons/Yr: | 0.28514 |
| Carbon Monoxide Emissions Tons/Yr: | 0.1653 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.6049 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.00278 |
| Particulate Matter Tons/Yr: | 0.35428 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.3413392 |

NPDES:

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 4 19I012779 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Active |
| Status Date: | 12/30/1996 |
| Operator Name: | Ditty Container Inc |

**DITTY CONTAINER INC (Continued)** **S105937518**

| | |
|---|---|
| Operator Address: | 2226 Rosemead Blvd |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 4 |
| Regulatory Measure ID: | 190408 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 4 19I012779 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 12/30/1996 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Ditty Container Inc |
| Discharge Address: | 2226 Rosemead Blvd |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |

**DITTY CONTAINER INC (Continued)** **S105937518**

| | |
|---|---|
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 190408 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19I012779 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 12/30/1996 |
| Status: | Active |
| Status Date: | 12/30/1996 |
| Place Size: | 1 |
| Place Size Unit: | Acres |
| Contact: | Adam Pluskota |
| Contact Title: | Office Manager |
| Contact Phone: | 626-454-1182 |
| Contact Phone Ext: | Not reported |
| Contact Email: | adam@ditty.com |
| Operator Name: | Ditty Container Inc |
| Operator Address: | 2226 Rosemead Blvd |
| Operator City: | South El Monte |

**DITTY CONTAINER INC (Continued)** **S105937518**

| | |
|---|---|
| Operator State: | California |
| Operator Zip: | 91733 |
| Operator Contact: | Tim Ditty |
| Operator Contact Title: | President |
| Operator Contact Phone: | 626-454-1182 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | adam@ditty.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 626-454-1182 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Rio Hondo |
| Certifier: | TIMOTHY DITTY |
| Certifier Title: | PRESIDENT |
| Certification Date: | 04-MAY-15 |
| Primary Sic: | 3569-General Industrial Machinery and Equipment, NEC |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Active |
| NPDES Number: | CAS000001 |
| Region: | 4 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 190408 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 4 19I012779 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |

**DITTY CONTAINER INC (Continued)** **S105937518**

| | |
|---|---|
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 12/30/1996 |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 2226 Rosemead Blvd |
| Discharge Name: | Ditty Container Inc |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 4 |
| Regulatory Measure ID: | 190408 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 4 19I012779 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 12/30/1996 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Ditty Container Inc |
| Discharge Address: | 2226 Rosemead Blvd |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |

**DITTY CONTAINER INC (Continued)** **S105937518**

| | |
|---|---|
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 190408 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19I012779 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 12/30/1996 |

**DITTY CONTAINER INC (Continued)** **S105937518**

| | |
|---|---|
| Status: | Active |
| Status Date: | 12/30/1996 |
| Place Size: | 1 |
| Place Size Unit: | Acres |
| Contact: | Adam Pluskota |
| Contact Title: | Office Manager |
| Contact Phone: | 626-454-1182 |
| Contact Phone Ext: | Not reported |
| Contact Email: | adam@ditty.com |
| Operator Name: | Ditty Container Inc |
| Operator Address: | 2226 Rosemead Blvd |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |
| Operator Contact: | Tim Ditty |
| Operator Contact Title: | President |
| Operator Contact Phone: | 626-454-1182 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | adam@ditty.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 626-454-1182 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Rio Hondo |
| Certifier: | TIMOTHY DITTY |
| Certifier Title: | PRESIDENT |
| Certification Date: | 04-MAY-15 |
| Primary Sic: | 3569-General Industrial Machinery and Equipment, NEC |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

**A7**
**< 1/8**
**1 ft.**

**PACIFIC COAST DRUM**
**2200 N ROSEMEAD BLVD**
**SO EL MONTE, CA 91733**

**Site 7 of 42 in cluster A**

**HAZNET** **S117309297**
**HWTS** **N/A**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

HAZNET:

| | |
|---|---|
| Name: | PACIFIC COAST DRUM |
| Address: | 2200 N ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | SO EL MONTE, CA 917330000 |
| Contact: | NONDELIVERABLE 6/93 FEE FORM |
| Telephone: | -- |
| Mailing Name: | Not reported |
| Mailing Address: | 2200 N ROSEMEAD BLVD |
| Year: | 1996 |
| Gepaid: | CAD028126977 |
| TSD EPA ID: | CAT080022148 |
| CA Waste Code: | 141 - Off-specification, aged or surplus inorganics |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 1.1467 |
| Year: | 1996 |
| Gepaid: | CAD028126977 |
| TSD EPA ID: | CAT080022148 |
| CA Waste Code: | 281 - Adhesives |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.2293 |
| Year: | 1996 |
| Gepaid: | CAD028126977 |
| TSD EPA ID: | CAT080022148 |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.748 |
| Year: | 1996 |
| Gepaid: | CAD028126977 |
| TSD EPA ID: | CAT080022148 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.836 |
| Year: | 1996 |
| Gepaid: | CAD028126977 |
| TSD EPA ID: | CAT080022148 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 2.4186 |
| Year: | 1996 |
| Gepaid: | CAD028126977 |
| TSD EPA ID: | CAT080022148 |
| CA Waste Code: | 181 - Other inorganic solid waste |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.0208 |
| Year: | 1996 |

**PACIFIC COAST DRUM (Continued)** **S117309297**

Gepaid: CAD028126977
TSD EPA ID: CAT080022148
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.8428

Year: 1995
Gepaid: CAD028126977
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: -
Tons: 30.3408

Year: 1994
Gepaid: CAD028126977
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: -
Tons: 0

Year: 1993
Gepaid: CAD028126977
TSD EPA ID: CAT000646117
CA Waste Code: 461 - Paint sludge
Disposal Method: D80 - Disposal, Land Fill
Tons: 8.428

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

Additional Info:
Year: 1995
Gen EPA ID: CAD028126977

Shipment Date: 19950105
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19950111
Manifest ID: 93338708
Trans EPA ID: CAD982369993
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: Not reported
TSDF Alt EPA ID: NVT330010000
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: - Not reported
Quantity Tons: 5.0568
Waste Quantity: 6
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

**PACIFIC COAST DRUM (Continued)** **S117309297**

| | |
|---|---|
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950105 |
| Creation Date: | 3/28/1996 0:00:00 |
| Receipt Date: | 19950106 |
| Manifest ID: | 93338707 |
| Trans EPA ID: | CAD982369993 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | NVT330010000 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 25.284 |
| Waste Quantity: | 30 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1993 |
| Gen EPA ID: | CAD028126977 |
| | |
| Shipment Date: | 19930624 |
| Creation Date: | 9/8/1995 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 88333471 |
| Trans EPA ID: | CAD980735310 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000646117 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 491 - Unspecified sludge waste |
| RCRA Code: | D006 |
| Disposal Method: | - Not reported |
| Quantity Tons: | 10.1136 |
| Waste Quantity: | 12 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930422 |
| Creation Date: | 9/9/1995 0:00:00 |
| Receipt Date: | 19930427 |

**PACIFIC COAST DRUM (Continued)** **S117309297**

| | |
|---|---|
| Manifest ID: | 89737587 |
| Trans EPA ID: | CAD980735310 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAT000611483 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | KSD980633259 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 461 - Paint sludge |
| RCRA Code: | D001 |
| Disposal Method: | - Not reported |
| Quantity Tons: | 1.6054 |
| Waste Quantity: | 385 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19930329 |
| Creation Date: | 9/1/1995 0:00:00 |
| Receipt Date: | 19930329 |
| Manifest ID: | 89737536 |
| Trans EPA ID: | CAD980735310 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000646117 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 461 - Paint sludge |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 8.428 |
| Waste Quantity: | 10 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19930318 |
| Creation Date: | 9/6/1995 0:00:00 |
| Receipt Date: | 19930319 |
| Manifest ID: | 89737524 |
| Trans EPA ID: | CAD980735310 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080031628 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |

**PACIFIC COAST DRUM (Continued)** **S117309297**

| | |
|---|---|
| CA Waste Code: | 461 - Paint sludge |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 9.7452 |
| Waste Quantity: | 2337 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930315 |
| Creation Date: | 9/15/1995 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 89737519 |
| Trans EPA ID: | CAD980735310 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000646117 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 461 - Paint sludge |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 19 |
| Waste Quantity: | 19 |
| Quantity Unit: | T |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930222 |
| Creation Date: | 9/1/1995 0:00:00 |
| Receipt Date: | 19930223 |
| Manifest ID: | 89737477 |
| Trans EPA ID: | CAD980735310 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080031628 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080031628 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 461 - Paint sludge |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 15.8626 |
| Waste Quantity: | 3804 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |

**PACIFIC COAST DRUM (Continued)** **S117309297**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1994
Gen EPA ID: CAD028126977

Shipment Date: 19940922
Creation Date: 10/11/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 90409128
Trans EPA ID: CAD982369993
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: - Not reported
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1996
Gen EPA ID: CAD028126977

Shipment Date: 19960110
Creation Date: 9/18/1996 0:00:00
Receipt Date: 19960111
Manifest ID: 95308964
Trans EPA ID: CAD982369993
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080022148
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.8428
Waste Quantity: 1
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

**PACIFIC COAST DRUM (Continued)** **S117309297**

| | |
|---|---|
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960110 |
| Creation Date: | 9/18/1996 0:00:00 |
| Receipt Date: | 19960111 |
| Manifest ID: | 95308964 |
| Trans EPA ID: | CAD982369993 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080022148 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 281 - Adhesives |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.2293 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960110 |
| Creation Date: | 9/18/1996 0:00:00 |
| Receipt Date: | 19960111 |
| Manifest ID: | 95308964 |
| Trans EPA ID: | CAD982369993 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080022148 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.836 |
| Waste Quantity: | 220 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960110 |
| Creation Date: | 9/18/1996 0:00:00 |
| Receipt Date: | 19960111 |
| Manifest ID: | 95308965 |
| Trans EPA ID: | CAD982369993 |
| Trans Name: | Not reported |

**PACIFIC COAST DRUM (Continued)** **S117309297**

| | |
|---|---|
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080022148 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 141 - Off-specification, aged, or surplus inorganics |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.1467 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19960110 |
| Creation Date: | 9/18/1996 0:00:00 |
| Receipt Date: | 19960111 |
| Manifest ID: | 95308965 |
| Trans EPA ID: | CAD982369993 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080022148 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.5838 |
| Waste Quantity: | 140 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19960110 |
| Creation Date: | 9/18/1996 0:00:00 |
| Receipt Date: | 19960111 |
| Manifest ID: | 95308965 |
| Trans EPA ID: | CAD982369993 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080022148 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |

**PACIFIC COAST DRUM (Continued)** **S117309297**

| | |
|---|---|
| Quantity Tons: | 0.748 |
| Waste Quantity: | 220 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960110 |
| Creation Date: | 9/18/1996 0:00:00 |
| Receipt Date: | 19960111 |
| Manifest ID: | 95308965 |
| Trans EPA ID: | CAD982369993 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080022148 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.8348 |
| Waste Quantity: | 440 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960110 |
| Creation Date: | 9/18/1996 0:00:00 |
| Receipt Date: | 19960111 |
| Manifest ID: | 95308964 |
| Trans EPA ID: | CAD982369993 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080022148 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0208 |
| Waste Quantity: | 5 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**PACIFIC COAST DRUM (Continued)** **S117309297**

HWTS:

| | |
|---|---|
| Name: | PACIFIC COAST DRUM |
| Address: | 2200 N ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | SO EL MONTE, CA 917330000 |
| EPA ID: | CAD028126977 |
| Inactive Date: | 06/30/1993 |
| Create Date: | 07/23/1982 |
| Last Act Date: | 09/14/2004 |
| Mailing Name: | Not reported |
| Mailing Address: | 2200 N ROSEMEAD BLVD |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SO EL MONTE, CA 917330000 |
| Owner Name: | PACIFIC COAST DRUM COMPANY INC |
| Owner Address: | -- |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | --, 99 -- |
| Contact Name: | NONDELIVERABLE 6/93 FEE FORM |
| Contact Address: | -- |
| Contact Address 2: | Not reported |
| City,State,Zip: | --, 99 -- |

---

**A8** **DITTY CONTAINER** **RCRA-SQG 1000249956**
**2200 N ROSEMEAD BLVD** **LUST CAD028126977**
**< 1/8** **SOUTH EL MONTE, CA 91733** **HIST UST**
**1 ft.** **ICIS**
**Site 8 of 42 in cluster A** **US AIRS**
**FINDS**
**Relative:** **ECHO**
**Lower**

**Actual:** RCRA-SQG:
**235 ft.**

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | PACIFIC COAST DRUM |
| Facility address: | 2200 N ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD028126977 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |

**DITTY CONTAINER (Continued)** **1000249956**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: PACIFIC COAST DRUM COMPANY INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 1996-09-01 00:00:00.0
Site name: PACIFIC COAST DRUM
Classification: Small Quantity Generator

Date form received by agency: 1992-03-23 00:00:00.0
Site name: PACIFIC COAST DRUM
Classification: Large Quantity Generator

Date form received by agency: 1990-04-12 00:00:00.0
Site name: PACIFIC COAST DRUM
Classification: Large Quantity Generator

Date form received by agency: 1980-08-18 00:00:00.0
Site name: PACIFIC COAST DRUM
Classification: Large Quantity Generator

Violation Status: No violations found

**DITTY CONTAINER (Continued)** **1000249956**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | 107.0266 | |
| Status: | Pollution Characterization | |
| Substance: | Solvents | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Groundwater | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603700161 | |
| W Global ID: | Not reported | |
| Staff: | WIP | |
| Local Agency: | 19000 | |
| Cross Street: | old case I-04601 | |
| Enforcement Type: | Not reported | |
| Date Leak Discovered: | Not reported | |
| Date Leak First Reported: | | 8/7/1989 |
| Date Leak Record Entered: | 8/18/1989 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | Not reported | |
| Date Case Last Changed on Database: | | 8/18/1989 |
| Date the Case was Closed: | | Not reported |
| How Leak Discovered: | Not reported | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | Not reported | |
| Leak Source: | Not reported | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 1569.98350242402884699675837 94 |
| Source of Cleanup Funding: | | Not reported |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | Not reported |
| Pollution Characterization Began: | | 9/27/1989 |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | Not reported |
| Historical Max MTBE Date: | | Not reported |
| Hist Max MTBE Conc in Groundwater: | | Not reported |
| Hist Max MTBE Conc in Soil: | | Not reported |
| Significant Interim Remedial Action Taken: | | Not reported |
| GW Qualifier: | Not reported | |
| Soil Qualifier: | Not reported | |
| Organization: | Not reported | |
| Owner Contact: | Not reported | |
| Responsible Party: | PACIFIC COAST DRUM CO. | |
| RP Address: | 2200 ROSEMEAD BOULEVARD, SOUTH EL MONTE, 91773 | |
| Program: | SLIC | |
| Lat/Long: | 34.0536255 / -1 | |
| Local Agency Staff: | Not reported | |
| Beneficial Use: | Not reported | |
| Priority: | Not reported | |
| Cleanup Fund Id: | Not reported | |
| Suspended: | Not reported | |

**DITTY CONTAINER (Continued)** **1000249956**

Assigned Name: Not reported
Summary: WORK IN PROGRESS

HIST UST:
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000020986
Facility Type: Other
Other Type: CONTAINERS
Contact Name: Not reported
Telephone: 2132830218
Owner Name: PACIFIC COAST DRUM COMPANY
Owner Address: 2200 N. ROSEMEAD BLVD.
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0006

Tank Num: 001
Container Num: PCD-1
Year Installed: 1975
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: PCD-3
Year Installed: 1976
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 003
Container Num: PCD-5
Year Installed: 1980
Tank Capacity: 00003300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 8
Leak Detection: Visual

Tank Num: 004
Container Num: PCD-2
Year Installed: 1976
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 005

**DITTY CONTAINER (Continued)** **1000249956**

Container Num: PCD 4
Year Installed: 1976
Tank Capacity: 00000400
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 006
Container Num: PCD-6
Year Installed: 1979
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

ICIS:
Enforcement Action ID: CASCAA0000060370098600056
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600056
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Administrative Order
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370098600055
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600055
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Notice of Violation
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

**DITTY CONTAINER (Continued)** **1000249956**

Enforcement Action ID: CASCAA0000060370098600040
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600040
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Administrative Order
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370098600039
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600039
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Notice of Violation
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370098600030
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600030
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Administrative Order
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986

**DITTY CONTAINER (Continued)** **1000249956**

Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA0000060370098600029
FRS ID: 110009529616
Action Name: DITTY CONTAINER 060370098600029
Facility Name: DITTY CONTAINER
Facility Address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Enforcement Action Type: Notice of Violation
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.05373
Longitude in Decimal Degrees: -118.06422
Permit Type Desc: Not reported
Program System Acronym: CASCA0000603700986
Facility NAICS Code: 332439
Tribal Land Code: Not reported

US AIRS (AFS):
Envid: 1000249956
Region Code: 09
County Code: CA037
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
D and B Number: Not reported
Facility Site Name: DITTY CONTAINER
Primary SIC Code: 3412
NAICS Code: 332439
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: TVM
HPV Status: Not reported

US AIRS (AFS):
Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2005-03-01 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ

**DITTY CONTAINER (Continued)** **1000249956**

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2008-07-18 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1977-10-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-04-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-12-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986

**DITTY CONTAINER (Continued)** **1000249956**

Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-11-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-12-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-05-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-06-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-12-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

**DITTY CONTAINER (Continued)** **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-07-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-03-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-06-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-04-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

**DITTY CONTAINER (Continued)** **1000249956**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-06-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-05-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-06-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

**DITTY CONTAINER (Continued)** **1000249956**

Activity Date: 1991-12-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-02-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-09-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-07-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-02-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616

**DITTY CONTAINER (Continued)** **1000249956**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-04-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-01-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-09-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

**DITTY CONTAINER (Continued)** **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-09-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-04-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-05-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

**DITTY CONTAINER (Continued)** **1000249956**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

**DITTY CONTAINER (Continued)** **1000249956**

Activity Date: 2010-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616

**DITTY CONTAINER (Continued)** **1000249956**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

**DITTY CONTAINER (Continued)** **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

**DITTY CONTAINER (Continued)** **1000249956**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-05-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-02-26 00:00:00
Activity Status Date: 2004-02-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

**DITTY CONTAINER (Continued)** **1000249956**

Activity Date: 2008-03-19 00:00:00
Activity Status Date: 2008-03-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-02-19 00:00:00
Activity Status Date: 2004-02-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-03-09 00:00:00
Activity Status Date: 2008-03-09 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2003-12-18 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2005-03-01 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616

**DITTY CONTAINER (Continued)** **1000249956**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2008-07-18 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-04-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-01-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-09-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

**DITTY CONTAINER (Continued)** **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-09-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-09-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-04-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

**DITTY CONTAINER (Continued)** **1000249956**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-05-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-07-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-07-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

**DITTY CONTAINER (Continued)** **1000249956**

Activity Date: 2010-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-06-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-06-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616

**DITTY CONTAINER (Continued)** **1000249956**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-05-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

**DITTY CONTAINER (Continued)** **1000249956**

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-04-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

**DITTY CONTAINER (Continued)** **1000249956**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-05-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

**DITTY CONTAINER (Continued)** **1000249956**

Activity Date: 2003-12-03 00:00:00
Activity Status Date: 2003-12-03 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-02-26 00:00:00
Activity Status Date: 2004-02-26 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-03-19 00:00:00
Activity Status Date: 2008-03-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-05-28 00:00:00
Activity Status Date: 2003-05-28 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-02-19 00:00:00
Activity Status Date: 2004-02-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASCA0000603700986
Facility Registry ID: 110009529616

**DITTY CONTAINER (Continued)** **1000249956**

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-03-09 00:00:00
Activity Status Date: 2008-03-09 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:
Registry ID: 110009529616
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009529616

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR
STATE MASTER
AIR MAJOR
Registry ID: 110070591054
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070591054

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

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

ECHO:
Envid: 1000249956
Registry ID: 110009529616
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009529616
Name: DITTY CONTAINER
Address: 2200 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733

**A9** **DITTY CONTAINER INC.** **EMI** **S106830100**
**2226 N. ROSEMEAD BLVD.** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 9 of 42 in cluster A**

**Relative:** EMI:
**Lower**

| | |
|---|---|
| Name: | DITTY CONTAINER INC. |
| Address: | 2226 N. ROSEMEAD BLVD. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2001 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7699 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Y |
| Consolidated Emission Reporting Rule: | B |
| Total Organic Hydrocarbon Gases Tons/Yr: | 24 |
| Reactive Organic Gases Tons/Yr: | 22 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 1 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**Actual:**
**236 ft.**

---

**A10** **PACIFIC COAST DRUM COMPANY** **CPS-SLIC** **S108753642**
**2200 N. ROSEMEAD BLVD.** **CERS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 10 of 42 in cluster A**

**Relative:** CPS-SLIC:
**Lower**

| | |
|---|---|
| Name: | PACIFIC COAST DRUM COMPANY |
| Address: | 2200 N. ROSEMEAD BLVD. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 11/17/2014 |
| Global Id: | SL603798723 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.055409 |
| Longitude: | -118.06335 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.0266 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

**Actual:**
**235 ft.**

Click here to access the California GeoTracker records for this facility:

CERS:

| | |
|---|---|
| Name: | PACIFIC COAST DRUM COMPANY |
| Address: | 2200 N. ROSEMEAD BLVD. |

**PACIFIC COAST DRUM COMPANY (Continued)** **S108753642**

City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 207767
CERS ID: SL603798723
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

**A11** **ROSEMEAD TRUCK TIRE CO** **EMI** **S106838484**
**2218 N ROSEMEAD BL** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 11 of 42 in cluster A**

**Relative: Lower**
**Actual: 236 ft.**

EMI:
Name: ROSEMEAD TRUCK TIRE CO
Address: 2218 N ROSEMEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 35740
Air District Name: SC
SIC Code: 7534
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ROSEMEAD TRUCK TIRE CO
Address: 2218 N ROSEMEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 35740
Air District Name: SC
SIC Code: 7534
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0

**ROSEMEAD TRUCK TIRE CO (Continued)** **S106838484**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

---

**A12** **DREAMWORKS AUTOMOTIVE DBA DREAMWORKS AUTO CENTER** **RCRA NonGen / NLR** **1025871089**
**2200 N ROSEMEAD BLVD** **CAL000444199**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 12 of 42 in cluster A**

**Relative: Lower**
**Actual: 235 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2019-03-07 00:00:00.0
Facility name: DREAMWORKS AUTOMOTIVE DBA DREAMWORKS AUTO CENTER
Facility address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
EPA ID: CAL000444199
Contact: THIEN LE
Contact address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Contact country: Not reported
Contact telephone: 888-666-4208
Contact email: DREAMWORKSAUTOCENTER@GMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: THIEN LE
Owner/operator address: 2200 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 888-666-4208
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: THIEN MINH LE
Owner/operator address: 50031 KENMORE ST
COACHELLA, CA 92236
Owner/operator country: Not reported
Owner/operator telephone: 760-641-9361
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

**DREAMWORKS AUTOMOTIVE DBA DREAMWORKS AUTO CENTER (Continued)** **1025871089**

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

Violation Status: No violations found

---

**A13** **CERTIFIED AUTO COLLISION CORPORATION** **HIST UST** **S113102698**
**2200 N ROSEMEAD BLVD** **HAZNET** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **HWTS**
**1 ft.**

**Site 13 of 42 in cluster A**

**Relative:** **Lower**

**Actual:** **235 ft.**

HIST UST:

| | |
|---|---|
| Name: | PACIFIC COAST DRUM COMPANY |
| Address: | 2200 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 00027B6D |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027B6D.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |
| Total Tanks: | Not reported |
| | |
| Tank Num: | Not reported |
| Container Num: | Not reported |
| Year Installed: | Not reported |
| Tank Capacity: | Not reported |
| Tank Used for: | Not reported |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

Click here for Geo Tracker PDF:

HAZNET:

| | |
|---|---|
| Name: | CERTIFIED AUTO COLLISION CORPORATION |
| Address: | 2200 N ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact: | JAMES PHAM |
| Telephone: | 6264488693 |

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

Mailing Name: Not reported
Mailing Address: 2200 N ROSEMEAD BLVD

Year: 2003
Gepaid: CAL000196985
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.108

Year: 2002
Gepaid: CAL000196985
TSD EPA ID: CAD008302903
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.252

Year: 2001
Gepaid: CAL000196985
TSD EPA ID: CAD008302903
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.418

Year: 2001
Gepaid: CAL000196985
TSD EPA ID: CAD008302903
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.3456

Year: 2000
Gepaid: CAL000196985
TSD EPA ID: CAD982444481
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H01 - Transfer Station
Tons: 0.209

Year: 2000
Gepaid: CAL000196985
TSD EPA ID: CAD008302903
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.612

Year: 1999
Gepaid: CAL000196985
TSD EPA ID: CAD008302903
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.3384

Additional Info:
Year: 2002
Gen EPA ID: CAL000196985

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

| | |
|---|---|
| Shipment Date: | 20020808 |
| Creation Date: | 3/12/2003 18:31:29 |
| Receipt Date: | 20020809 |
| Manifest ID: | 20756515 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.126 |
| Waste Quantity: | 35 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020213 |
| Creation Date: | 6/28/2002 18:31:15 |
| Receipt Date: | 20020215 |
| Manifest ID: | 21282467 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.126 |
| Waste Quantity: | 35 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1999 |
| Gen EPA ID: | CAL000196985 |

| | |
|---|---|
| Shipment Date: | 19991201 |
| Creation Date: | 1/19/2000 0:00:00 |
| Receipt Date: | 19991206 |
| Manifest ID: | 99559459 |
| Trans EPA ID: | CAD982440364 |

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

| | |
|---|---|
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.09 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19991006 |
| Creation Date: | 11/19/1999 0:00:00 |
| Receipt Date: | 19991012 |
| Manifest ID: | 99559279 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.09 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19990812 |
| Creation Date: | 9/23/1999 0:00:00 |
| Receipt Date: | 19990812 |
| Manifest ID: | 99248234 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

| | |
|---|---|
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.0792 |
| Waste Quantity: | 22 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990616 |
| Creation Date: | 7/30/1999 0:00:00 |
| Receipt Date: | 19990616 |
| Manifest ID: | 99248054 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.0792 |
| Waste Quantity: | 22 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2001 |
| Gen EPA ID: | CAL000196985 |
| | |
| Shipment Date: | 20010822 |
| Creation Date: | 11/1/2001 0:00:00 |
| Receipt Date: | 20010823 |
| Manifest ID: | 21040878 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.144 |
| Waste Quantity: | 40 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010822 |
| Creation Date: | 11/1/2001 0:00:00 |
| Receipt Date: | 20010823 |
| Manifest ID: | 21040878 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.418 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010502 |
| Creation Date: | 6/20/2001 0:00:00 |
| Receipt Date: | 20010503 |
| Manifest ID: | 20486745 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.0864 |
| Waste Quantity: | 24 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010307 |
| Creation Date: | 4/30/2001 0:00:00 |
| Receipt Date: | 20010309 |
| Manifest ID: | 20486544 |

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

| | |
|---|---|
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1152 |
| Waste Quantity: | 32 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2003 |
| Gen EPA ID: | CAL000196985 |
| Shipment Date: | 20030124 |
| Creation Date: | 5/18/2003 14:32:26 |
| Receipt Date: | 20030124 |
| Manifest ID: | 21951048 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.0792 |
| Waste Quantity: | 22 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20030124 |
| Creation Date: | 5/18/2003 14:32:26 |
| Receipt Date: | 20030124 |
| Manifest ID: | 21951048 |
| Trans EPA ID: | CAD008252405 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008252405 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.0288 |
| Waste Quantity: | 8 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2000 |
| Gen EPA ID: | CAL000196985 |
| Shipment Date: | 20001213 |
| Creation Date: | 1/24/2001 0:00:00 |
| Receipt Date: | 20001214 |
| Manifest ID: | 20486445 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.108 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20001018 |
| Creation Date: | 12/8/2000 0:00:00 |
| Receipt Date: | 20001019 |
| Manifest ID: | 20489620 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

| | |
|---|---|
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1008 |
| Waste Quantity: | 28 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000823 |
| Creation Date: | 10/23/2000 0:00:00 |
| Receipt Date: | 20000823 |
| Manifest ID: | 20171204 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.144 |
| Waste Quantity: | 40 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000503 |
| Creation Date: | 6/21/2000 0:00:00 |
| Receipt Date: | 20000504 |
| Manifest ID: | 99733482 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1332 |
| Waste Quantity: | 37 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

| | |
|---|---|
| Shipment Date: | 20000503 |
| Creation Date: | 6/21/2000 0:00:00 |
| Receipt Date: | 20000505 |
| Manifest ID: | 99733464 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.209 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000209 |
| Creation Date: | 4/4/2000 0:00:00 |
| Receipt Date: | 20000210 |
| Manifest ID: | 99723110 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.126 |
| Waste Quantity: | 35 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

HWTS:

| | |
|---|---|
| Name: | CERTIFIED AUTO COLLISION CORPORATION |
| Address: | 2200 N ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| EPA ID: | CAL000196985 |
| Inactive Date: | 06/30/2004 |
| Create Date: | 03/15/1999 |
| Last Act Date: | 03/28/2005 |

**CERTIFIED AUTO COLLISION CORPORATION (Continued)** **S113102698**

| | |
|---|---|
| Mailing Name: | Not reported |
| Mailing Address: | 2200 N ROSEMEAD BLVD |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Owner Name: | CERTIFIED AUTO COLLISION INC |
| Owner Address: | 2200 N ROSEMEAD BLVD |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact Name: | JAMES PHAM |
| Contact Address: | 2200 N ROSEMEAD BLVD |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000196985 |
| Create Date: | 2002-03-14 16:36:29 |
| NAICS Code: | 811111 |
| NAICS Description: | General Automotive Repair |
| Issued EPA ID Date: | 1999-03-15 00:00:00 |
| Inactive Date: | 2004-06-30 15:01:00 |
| Facility Name: | CERTIFIED AUTO COLLISION CORPORATION |
| Facility Address: | 2200 N ROSEMEAD BLVD |
| Facility Address 2: | Not reported |
| Facility City: | SOUTH EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 917330000 |

---

**A14** **DITTY CONTAINER INC** **HAZNET S124399854**
**2200 NORTH ROSEMEAD BOULEVARD** **HWTS N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 14 of 42 in cluster A**

**Relative: Lower**
**Actual: 235 ft.**

HAZNET:

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2200 N ROSEMEAD BOULEVARD |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact: | TIM DITTY |
| Telephone: | 6264541182 |
| Mailing Name: | Not reported |
| Mailing Address: | 2200 N ROSEMEAD BOULEVARD |
| Year: | 2017 |
| Gepaid: | CAL000082285 |
| TSD EPA ID: | NVT330010000 |
| CA Waste Code: | 181 - Other inorganic solid waste |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 101.136 |
| Year: | 2017 |
| Gepaid: | CAL000082285 |
| TSD EPA ID: | NVT330010000 |
| CA Waste Code: | 181 - Other inorganic solid waste |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As |

**DITTY CONTAINER INC (Continued)** **S124399854**

Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons: 67.424

Year: 2016
Gepaid: CAL000082285
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 151.704

Year: 2016
Gepaid: CAL000082285
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons: 16.856

Year: 2015
Gepaid: CAL000082285
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons: 134.848

Year: 2015
Gepaid: CAL000082285
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 50.568

Year: 2014
Gepaid: CAL000082285
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons: 202.272

Year: 2013
Gepaid: CAL000082285
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons: 151.704

Year: 2012
Gepaid: CAL000082285
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Tons: | 33.712 |
| Year: | 2012 |
| Gepaid: | CAL000082285 |
| TSD EPA ID: | NVT330010000 |
| CA Waste Code: | 181 - Other inorganic solid waste |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Tons: | 235.984 |

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

Additional Info:

| | |
|---|---|
| Year: | 2004 |
| Gen EPA ID: | CAL000082285 |
| Shipment Date: | 20041222 |
| Creation Date: | 3/13/2007 18:30:13 |
| Receipt Date: | 20041230 |
| Manifest ID: | 24069554 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20041130 |
| Creation Date: | 2/17/2005 18:31:05 |
| Receipt Date: | 20041202 |
| Manifest ID: | 24069553 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | D80 - Disposal, Land Fill |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20041111 |
| Creation Date: | 1/14/2005 10:18:48 |
| Receipt Date: | 20041118 |
| Manifest ID: | 24069555 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20041102 |
| Creation Date: | 1/11/2005 18:30:51 |
| Receipt Date: | 20041111 |
| Manifest ID: | 24069552 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 20041027 |
| Creation Date: | 1/10/2005 18:31:02 |
| Receipt Date: | 20041105 |
| Manifest ID: | 23829596 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20041016 |
| Creation Date: | 12/31/2004 18:30:54 |
| Receipt Date: | 20041022 |
| Manifest ID: | 23829595 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20041004 |
| Creation Date: | 12/16/2004 8:33:18 |
| Receipt Date: | Not reported |
| Manifest ID: | 23829594 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | - Not reported |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040914 |
| Creation Date: | 12/22/2004 18:31:08 |
| Receipt Date: | 20040916 |
| Manifest ID: | 23829593 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040901 |
| Creation Date: | 12/28/2004 14:46:39 |
| Receipt Date: | 20040903 |
| Manifest ID: | 23398075 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 8 |
| Waste Quantity: | 16000 |
| Quantity Unit: | P |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20040816 |
| Creation Date: | 1/4/2005 18:32:14 |
| Receipt Date: | 20040819 |
| Manifest ID: | 23398074 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | NONE |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1997 |
| Gen EPA ID: | CAL000082285 |
| | |
| Shipment Date: | 19971028 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19971106 |
| Manifest ID: | 96687057 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.225 |
| Waste Quantity: | 450 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 19971028 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19971106 |
| Manifest ID: | 96687057 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.6 |
| Waste Quantity: | 3200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19971028 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19971030 |
| Manifest ID: | 96687058 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008364432 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 2.394 |
| Waste Quantity: | 665 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970806 |
| Creation Date: | 3/18/1998 0:00:00 |
| Receipt Date: | 19970808 |
| Manifest ID: | 96364251 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 4.55 |
| Waste Quantity: | 9100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970806 |
| Creation Date: | 3/18/1998 0:00:00 |
| Receipt Date: | 19970808 |
| Manifest ID: | 96364251 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 0.9 |
| Waste Quantity: | 1800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970506 |
| Creation Date: | 7/17/1997 0:00:00 |
| Receipt Date: | 19970512 |
| Manifest ID: | 96362885 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.2 |
| Waste Quantity: | 2400 |
| Quantity Unit: | P |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970506 |
| Creation Date: | 7/17/1997 0:00:00 |
| Receipt Date: | 19970512 |
| Manifest ID: | 96362885 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.25 |
| Waste Quantity: | 500 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970221 |
| Creation Date: | 5/30/1997 0:00:00 |
| Receipt Date: | 19970225 |
| Manifest ID: | 96038801 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.9 |
| Waste Quantity: | 1800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970221 |
| Creation Date: | 5/30/1997 0:00:00 |
| Receipt Date: | 19970225 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Manifest ID: | 96038801 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.9 |
| Waste Quantity: | 1800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2001 |
| Gen EPA ID: | CAL000082285 |
| Shipment Date: | 20011228 |
| Creation Date: | 2/26/2002 0:00:00 |
| Receipt Date: | 20020108 |
| Manifest ID: | 21676677 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD981425853 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20011220 |
| Creation Date: | 2/26/2002 0:00:00 |
| Receipt Date: | 20020107 |
| Manifest ID: | 21676518 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD981425853 |
| Trans 2 Name: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20011108 |
| Creation Date: | 1/16/2002 0:00:00 |
| Receipt Date: | 20011114 |
| Manifest ID: | 21207407 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | NVT330010000 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20011002 |
| Creation Date: | 1/16/2002 0:00:00 |
| Receipt Date: | 20011008 |
| Manifest ID: | 21207406 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | NVT330010000 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010920 |
| Creation Date: | 11/1/2001 0:00:00 |
| Receipt Date: | 20010921 |
| Manifest ID: | 21046371 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 4.37 |
| Waste Quantity: | 1150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010907 |
| Creation Date: | 10/23/2001 0:00:00 |
| Receipt Date: | 20010907 |
| Manifest ID: | 21046367 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 8.17 |
| Waste Quantity: | 2150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010829 |
| Creation Date: | 10/23/2001 0:00:00 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Receipt Date: | 20010830 |
| Manifest ID: | 21046307 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 5.7 |
| Waste Quantity: | 1500 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010828 |
| Creation Date: | 11/1/2001 0:00:00 |
| Receipt Date: | 20010831 |
| Manifest ID: | 21140915 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | NVT330010000 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 491 - Unspecified sludge waste |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 13.761 |
| Waste Quantity: | 3300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010827 |
| Creation Date: | 11/1/2001 0:00:00 |
| Receipt Date: | 20010907 |
| Manifest ID: | 21207404 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | NVT330010000 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 67.424 |
| Waste Quantity: | 80 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010823 |
| Creation Date: | 10/23/2001 0:00:00 |
| Receipt Date: | 20010829 |
| Manifest ID: | 21207408 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | NVT330010000 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 25.284 |
| Waste Quantity: | 30 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2012 |
| Gen EPA ID: | CAL000082285 |
| | |
| Shipment Date: | 20121227 |
| Creation Date: | 5/1/2013 22:15:05 |
| Receipt Date: | 20130102 |
| Manifest ID: | 010951469JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20121120 |
| Creation Date: | 4/17/2013 22:15:34 |
| Receipt Date: | 20121129 |
| Manifest ID: | 010763896JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000045963 |
| Trans 2 Name: | ARO TRKG |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20121025 |
| Creation Date: | 3/22/2013 22:15:17 |
| Receipt Date: | 20121029 |
| Manifest ID: | 010563580JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000045963 |
| Trans 2 Name: | A R O TRKG |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120927 |
| Creation Date: | 8/17/2013 22:15:07 |
| Receipt Date: | 20121002 |
| Manifest ID: | 010562719JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000045963 |
| Trans 2 Name: | ARO TRKG |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120830 |
| Creation Date: | 1/15/2013 22:15:15 |
| Receipt Date: | 20120905 |
| Manifest ID: | 010230491JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120808 |
| Creation Date: | 1/5/2013 22:15:18 |
| Receipt Date: | 20120813 |
| Manifest ID: | 010229937JJK |
| Trans EPA ID: | CAR000188201 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120720 |
| Creation Date: | 5/30/2013 22:15:07 |
| Receipt Date: | 20120724 |
| Manifest ID: | 010229449JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120629 |
| Creation Date: | 5/29/2013 22:15:25 |
| Receipt Date: | 20120703 |
| Manifest ID: | 010229033JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120614 |
| Creation Date: | 5/30/2013 22:15:15 |
| Receipt Date: | 20120619 |
| Manifest ID: | 008781064JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROSERV |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120524 |
| Creation Date: | 5/29/2013 22:15:05 |
| Receipt Date: | 20120525 |
| Manifest ID: | 009804851JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2003 |
| Gen EPA ID: | CAL000082285 |
| Shipment Date: | 20031224 |
| Creation Date: | 7/30/2004 18:31:14 |
| Receipt Date: | 20031230 |
| Manifest ID: | 23482508 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20031204 |
| Creation Date: | 8/24/2004 10:00:04 |
| Receipt Date: | 20031209 |
| Manifest ID: | 22779915 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 20031124 |
| Creation Date: | 8/9/2004 8:46:56 |
| Receipt Date: | 20031125 |
| Manifest ID: | 22779577 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20031103 |
| Creation Date: | 8/4/2004 18:30:55 |
| Receipt Date: | 20031107 |
| Manifest ID: | 22777062 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20031009 |
| Creation Date: | 8/3/2004 15:00:31 |
| Receipt Date: | 20031013 |
| Manifest ID: | 22775303 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030918 |
| Creation Date: | 8/2/2004 9:37:42 |
| Receipt Date: | 20030922 |
| Manifest ID: | 22917617 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030826 |
| Creation Date: | 7/29/2004 7:43:54 |
| Receipt Date: | 20030829 |
| Manifest ID: | 22913717 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030726 |
| Creation Date: | 7/26/2004 18:31:36 |
| Receipt Date: | 20030730 |
| Manifest ID: | 22862462 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030708 |
| Creation Date: | 7/22/2004 9:56:39 |
| Receipt Date: | 20030709 |
| Manifest ID: | 22861562 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD981435621 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030617 |
| Creation Date: | 7/20/2004 12:52:41 |
| Receipt Date: | 20030620 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Manifest ID: | 22861134 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD981435621 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2010 |
| Gen EPA ID: | CAL000082285 |
| Shipment Date: | 20101215 |
| Creation Date: | 5/24/2011 18:30:22 |
| Receipt Date: | 20101216 |
| Manifest ID: | 008050356JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20101109 |
| Creation Date: | 4/22/2011 18:30:20 |
| Receipt Date: | 20101115 |
| Manifest ID: | 007704022JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100923 |
| Creation Date: | 2/10/2011 18:30:08 |
| Receipt Date: | 20100929 |
| Manifest ID: | 007702718JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100907 |
| Creation Date: | 2/8/2011 18:30:09 |
| Receipt Date: | 20100908 |
| Manifest ID: | 007702302JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100804 |
| Creation Date: | 1/26/2011 18:30:17 |
| Receipt Date: | 20100810 |
| Manifest ID: | 007701538JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100706 |
| Creation Date: | 1/24/2011 18:30:44 |
| Receipt Date: | 20100708 |
| Manifest ID: | 007465591JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100616 |
| Creation Date: | 1/19/2011 18:30:07 |
| Receipt Date: | 20100618 |
| Manifest ID: | 007465037JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100525 |
| Creation Date: | 12/30/2010 18:30:08 |
| Receipt Date: | 20100601 |
| Manifest ID: | 006899745JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100423 |
| Creation Date: | 12/16/2010 18:30:09 |
| Receipt Date: | 20100426 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Manifest ID: | 006387814JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100322 |
| Creation Date: | 12/3/2010 18:30:16 |
| Receipt Date: | 20100323 |
| Manifest ID: | 006903282JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2007 |
| Gen EPA ID: | CAL000082285 |
| | |
| Shipment Date: | 20071208 |
| Creation Date: | 7/16/2015 9:41:53 |
| Receipt Date: | 20071213 |
| Manifest ID: | 001964629JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 EPA ID: | CAR000175901 |
| Trans 2 Name: | PEREZ TRUCKING SERVICE CORP |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20071119 |
| Creation Date: | 7/15/2015 13:50:58 |
| Receipt Date: | 20071127 |
| Manifest ID: | 003575465JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20071029 |
| Creation Date: | 3/18/2008 18:30:24 |
| Receipt Date: | 20071101 |
| Manifest ID: | 003574536JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000175901 |
| Trans 2 Name: | PEREZ TRUCKING SERVICE CORP |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20071010 |
| Creation Date: | 3/18/2008 18:30:12 |
| Receipt Date: | 20071017 |
| Manifest ID: | 003031630JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070915 |
| Creation Date: | 2/5/2008 18:30:13 |
| Receipt Date: | 20070919 |
| Manifest ID: | 003026909JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000179531 |
| Trans 2 Name: | SOUTHBOUND TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070822 |
| Creation Date: | 3/4/2008 18:30:34 |
| Receipt Date: | 20070828 |
| Manifest ID: | 003026118JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070727 |
| Creation Date: | 2/29/2008 18:30:06 |
| Receipt Date: | 20070731 |
| Manifest ID: | 003022616JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000179531 |
| Trans 2 Name: | SOUTHBOUND TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070630 |
| Creation Date: | 1/8/2008 18:31:19 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Receipt Date: | 20070706 |
| Manifest ID: | 002338528JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000179531 |
| Trans 2 Name: | SOUTHBOUND TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20070611 |
| Creation Date: | 6/9/2008 18:30:08 |
| Receipt Date: | 20070614 |
| Manifest ID: | 002328258JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000179531 |
| Trans 2 Name: | SOUTHBOUND TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20070521 |
| Creation Date: | 12/20/2007 18:30:21 |
| Receipt Date: | 20070522 |
| Manifest ID: | 002327669JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000179531 |
| Trans 2 Name: | SOUTHBOUND TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2009 |
| Gen EPA ID: | CAL000082285 |
| Shipment Date: | 20091228 |
| Creation Date: | 6/30/2010 18:30:18 |
| Receipt Date: | 20091231 |
| Manifest ID: | 005606967JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20091204 |
| Creation Date: | 5/27/2010 18:31:08 |
| Receipt Date: | 20091211 |
| Manifest ID: | 005606966JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20091012 |
| Creation Date: | 4/12/2010 18:30:55 |
| Receipt Date: | 20091016 |
| Manifest ID: | 005606964JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20090916 |
| Creation Date: | 3/5/2010 18:31:00 |
| Receipt Date: | 20090923 |
| Manifest ID: | 005606963JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROMENTAL RECOVERY SERVICES |
| Trans 2 EPA ID: | CAR000184309 |
| Trans 2 Name: | MIRAMONTES TRANSPORTATION INC |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20090820 |
| Creation Date: | 1/8/2010 18:30:56 |
| Receipt Date: | 20090824 |
| Manifest ID: | 005606961JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20090728 |
| Creation Date: | 7/2/2010 11:42:08 |
| Receipt Date: | 20090803 |
| Manifest ID: | 005606960JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20090708 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Creation Date: | 11/25/2009 18:30:24 |
| Receipt Date: | 20090714 |
| Manifest ID: | 005606959JJK |
| Trans EPA ID: | Not reported |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20090615 |
| Creation Date: | 10/13/2009 18:30:21 |
| Receipt Date: | 20090617 |
| Manifest ID: | 005606958JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20090601 |
| Creation Date: | 10/6/2009 18:30:28 |
| Receipt Date: | 20090605 |
| Manifest ID: | 005606957JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |

**DITTY CONTAINER INC (Continued)** **S124399854**

TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090506
Creation Date: 9/9/2009 18:30:09
Receipt Date: 20090508
Manifest ID: 005775312JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: CAR000189928
Trans 2 Name: NV TRANSPORT
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2000
Gen EPA ID: CAL000082285

Shipment Date: 20001228
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20010102
Manifest ID: 20421508
Trans EPA ID: CAD050099696
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: CAD099452708

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 4.37 |
| Waste Quantity: | 1150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20001221 |
| Creation Date: | 3/5/2001 0:00:00 |
| Receipt Date: | 20001221 |
| Manifest ID: | 20421442 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 4.37 |
| Waste Quantity: | 1150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20001213 |
| Creation Date: | 3/6/2001 0:00:00 |
| Receipt Date: | 20001218 |
| Manifest ID: | 20883818 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD981435621 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20001205 |
| Creation Date: | 3/6/2001 0:00:00 |
| Receipt Date: | 20001205 |
| Manifest ID: | 20505368 |
| Trans EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008364432 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 10.395 |
| Waste Quantity: | 2475 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20001201 |
| Creation Date: | 3/5/2001 0:00:00 |
| Receipt Date: | 20001206 |
| Manifest ID: | 20881448 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | NVT330010000 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20001120 |
| Creation Date: | 1/12/2001 0:00:00 |
| Receipt Date: | 20001121 |
| Manifest ID: | 20421353 |
| Trans EPA ID: | CAD050099696 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 4.37 |
| Waste Quantity: | 1150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20001117 |
| Creation Date: | 1/9/2001 0:00:00 |
| Receipt Date: | 20001121 |
| Manifest ID: | 20883136 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | NVT330010000 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20001116 |
| Creation Date: | 1/24/2001 0:00:00 |
| Receipt Date: | 20001116 |
| Manifest ID: | 20505301 |
| Trans EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008364432 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 5.4 |
| Waste Quantity: | 10800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20001108 |
| Creation Date: | 1/9/2001 0:00:00 |
| Receipt Date: | 20001108 |
| Manifest ID: | 20421230 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 4.37 |
| Waste Quantity: | 1150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20001106 |
| Creation Date: | 1/9/2001 0:00:00 |
| Receipt Date: | 20001106 |
| Manifest ID: | 20421252 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 8.74 |
| Waste Quantity: | 2300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

Additional Info:

| | |
|---|---|
| Year: | 2016 |
| Gen EPA ID: | CAL000082285 |
| Shipment Date: | 20151208 |
| Creation Date: | 6/10/2016 18:32:33 |
| Receipt Date: | 20151210 |
| Manifest ID: | 014911116JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20151116 |
| Creation Date: | 5/24/2016 18:30:05 |
| Receipt Date: | 20151118 |
| Manifest ID: | 014910537JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20150923 |
| Creation Date: | 2/9/2016 22:15:26 |
| Receipt Date: | 20150930 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Manifest ID: | 015055996JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150818 |
| Creation Date: | 2/9/2016 22:15:11 |
| Receipt Date: | 20150824 |
| Manifest ID: | 015052530JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150710 |
| Creation Date: | 2/8/2016 22:17:34 |
| Receipt Date: | 20150714 |
| Manifest ID: | 014501986JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150619 |
| Creation Date: | 1/20/2016 22:15:31 |
| Receipt Date: | 20150625 |
| Manifest ID: | 014501288JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150518 |
| Creation Date: | 11/6/2015 22:15:39 |
| Receipt Date: | 20150520 |
| Manifest ID: | 014500392JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150429 |
| Creation Date: | 9/10/2015 22:15:09 |
| Receipt Date: | 20150504 |
| Manifest ID: | 014499739JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD98203173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150331 |
| Creation Date: | 9/1/2015 22:15:10 |
| Receipt Date: | 20150406 |
| Manifest ID: | 014073419JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 20150302 |
| Creation Date: | 7/23/2015 22:15:32 |
| Receipt Date: | 20150303 |
| Manifest ID: | 013798678JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000181560 |
| Trans 2 Name: | REMEDIAL TRANSPORTATION SERVICES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2005 |
| Gen EPA ID: | CAL000082285 |

| | |
|---|---|
| Shipment Date: | 20051230 |
| Creation Date: | 3/22/2006 18:32:18 |
| Receipt Date: | 20060105 |
| Manifest ID: | 24809594 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20051206 |
| Creation Date: | 1/3/2007 18:30:08 |
| Receipt Date: | 20051208 |
| Manifest ID: | 24808898 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20051110 |
| Creation Date: | 7/12/2006 18:31:35 |
| Receipt Date: | 20051116 |
| Manifest ID: | 24803446 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20051028 |
| Creation Date: | 5/24/2006 18:31:13 |
| Receipt Date: | 20051102 |
| Manifest ID: | 24802304 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20051010 |
| Creation Date: | 8/23/2006 18:35:03 |
| Receipt Date: | 20051012 |
| Manifest ID: | 24069602 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20050920 |
| Creation Date: | 1/18/2006 10:22:44 |
| Receipt Date: | 20050922 |
| Manifest ID: | 24069601 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20050903 |
| Creation Date: | 4/13/2006 18:46:51 |
| Receipt Date: | 20050907 |
| Manifest ID: | 23829600 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD981435621 |
| Trans 2 Name: | CUMMINGS TRANS |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20050817 |
| Creation Date: | 11/23/2005 18:30:57 |
| Receipt Date: | 20050824 |
| Manifest ID: | 23829599 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20050801 |
| Creation Date: | 10/12/2005 18:35:03 |
| Receipt Date: | 20050803 |
| Manifest ID: | 24660043 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20050715 |
| Creation Date: | 10/11/2005 18:32:36 |
| Receipt Date: | 20050718 |
| Manifest ID: | 23829598 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1996 |
| Gen EPA ID: | CAL000082285 |

| | |
|---|---|
| Shipment Date: | 19961204 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19961205 |
| Manifest ID: | 96039565 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 0.05 |
| Waste Quantity: | 100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19961204 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19961205 |
| Manifest ID: | 96039565 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 0.8 |
| Waste Quantity: | 1600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960729 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19960802 |
| Manifest ID: | 96040129 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 0.75 |
| Waste Quantity: | 1500 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960729 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19960802 |
| Manifest ID: | 96040129 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 1.05 |
| Waste Quantity: | 2100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960514 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19960514 |
| Manifest ID: | 95779347 |
| Trans EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 2.52 |
| Waste Quantity: | 700 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960506 |
| Creation Date: | 5/30/1997 0:00:00 |
| Receipt Date: | 19960517 |
| Manifest ID: | 95341187 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.8 |
| Waste Quantity: | 1600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960506 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 95341188 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.4 |
| Waste Quantity: | 800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960209 |
| Creation Date: | 10/10/1996 0:00:00 |
| Receipt Date: | 19960216 |
| Manifest ID: | 95738477 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960209 |
| Creation Date: | 10/10/1996 0:00:00 |
| Receipt Date: | 19960216 |
| Manifest ID: | 95738476 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.35 |
| Waste Quantity: | 700 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960104 |
| Creation Date: | 9/18/1996 0:00:00 |
| Receipt Date: | 19960104 |
| Manifest ID: | 95868653 |
| Trans EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.5552 |
| Waste Quantity: | 432 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

Additional Info:

| | |
|---|---|
| Year: | 1994 |
| Gen EPA ID: | CAL000082285 |
| Shipment Date: | 19940927 |
| Creation Date: | 10/17/1995 0:00:00 |
| Receipt Date: | 19940930 |
| Manifest ID: | 93624066 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 0.05 |
| Waste Quantity: | 100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19940927 |
| Creation Date: | 10/17/1995 0:00:00 |
| Receipt Date: | 19940930 |
| Manifest ID: | 93624065 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.5 |
| Waste Quantity: | 1000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2008 |
| Gen EPA ID: | CAL000082285 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 20081230 |
| Creation Date: | 7/16/2015 13:17:02 |
| Receipt Date: | 20090106 |
| Manifest ID: | 001964632JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CA000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 0.01 |
| Waste Quantity: | 20 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20081208 |
| Creation Date: | 7/16/2015 13:15:42 |
| Receipt Date: | 20081210 |
| Manifest ID: | 001964631JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20081106 |
| Creation Date: | 3/31/2009 18:30:08 |
| Receipt Date: | 20081110 |
| Manifest ID: | 004928337JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20081015 |
| Creation Date: | 3/9/2009 18:30:21 |
| Receipt Date: | 20081016 |
| Manifest ID: | 005002671JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000175901 |
| Trans 2 Name: | PEREZ TRUCKING SERVICE CORP |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080929 |
| Creation Date: | 2/4/2009 18:30:20 |
| Receipt Date: | 20081001 |
| Manifest ID: | 005002140JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080829 |
| Creation Date: | 7/16/2015 12:46:51 |
| Receipt Date: | 20080904 |
| Manifest ID: | 001964630JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080808 |
| Creation Date: | 12/11/2008 18:30:44 |
| Receipt Date: | 20080813 |
| Manifest ID: | 004213856JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080703 |
| Creation Date: | 11/12/2008 18:30:09 |
| Receipt Date: | 20080707 |
| Manifest ID: | 004212859JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000175901 |
| Trans 2 Name: | PEREZ TRUCKING SERVICE CORP |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080610 |
| Creation Date: | 10/13/2008 18:30:40 |
| Receipt Date: | 20080612 |
| Manifest ID: | 004212218JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20080523 |
| Creation Date: | 10/8/2008 18:30:08 |
| Receipt Date: | 20080602 |
| Manifest ID: | 004200572JJK |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1999 |
| Gen EPA ID: | CAL000082285 |
| Shipment Date: | 19991230 |
| Creation Date: | 2/15/2000 0:00:00 |
| Receipt Date: | 19991230 |
| Manifest ID: | 99756223 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 6.46 |
| Waste Quantity: | 1700 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19991207 |
| Creation Date: | 2/1/2000 0:00:00 |
| Receipt Date: | 19991207 |
| Manifest ID: | 99756156 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 8.74 |
| Waste Quantity: | 2300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19991206 |
| Creation Date: | 2/1/2000 0:00:00 |
| Receipt Date: | 19991206 |
| Manifest ID: | 99756047 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 4.37 |
| Waste Quantity: | 1150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19991119 |
| Creation Date: | 1/11/2000 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 99421828 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZD980892731 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | - Not reported |
| Quantity Tons: | 1.98 |
| Waste Quantity: | 550 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19991119 |
| Creation Date: | 1/11/2000 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 99421827 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZD980892731 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 1.5 |
| Waste Quantity: | 3000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19991119 |
| Creation Date: | 1/11/2000 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 99421827 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZD980892731 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 20.5 |
| Waste Quantity: | 41000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19991018 |
| Creation Date: | 12/17/1999 0:00:00 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Receipt Date: | 19991018 |
| Manifest ID: | 99596635 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 8.74 |
| Waste Quantity: | 2300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19990930 |
| Creation Date: | 11/18/1999 0:00:00 |
| Receipt Date: | 19990930 |
| Manifest ID: | 99596579 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 7.79 |
| Waste Quantity: | 2050 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19990920 |
| Creation Date: | 11/18/1999 0:00:00 |
| Receipt Date: | 19990920 |
| Manifest ID: | 99596577 |
| Trans EPA ID: | CAD050099696 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 8.74 |
| Waste Quantity: | 2300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990917 |
| Creation Date: | 10/27/1999 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 99420968 |
| Trans EPA ID: | CAD072953771 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | AZD980892731 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 20 |
| Waste Quantity: | 40000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1995 |
| Gen EPA ID: | CAL000082285 |
| | |
| Shipment Date: | 19951113 |
| Creation Date: | 7/26/1996 0:00:00 |
| Receipt Date: | 19951120 |
| Manifest ID: | 95341440 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 1 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Waste Quantity: | 2000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19951113 |
| Creation Date: | 7/26/1996 0:00:00 |
| Receipt Date: | 19951116 |
| Manifest ID: | 95341441 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.5 |
| Waste Quantity: | 1000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950829 |
| Creation Date: | 4/1/1996 0:00:00 |
| Receipt Date: | 19950901 |
| Manifest ID: | 95339821 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.6 |
| Waste Quantity: | 1200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950829 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Creation Date: | 4/1/1996 0:00:00 |
| Receipt Date: | 19950905 |
| Manifest ID: | 95339822 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.3 |
| Waste Quantity: | 600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19950626 |
| Creation Date: | 10/25/1995 0:00:00 |
| Receipt Date: | 19950706 |
| Manifest ID: | 95328076 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 161 - Fluid-cracking catalyst (FCC) waste |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.6 |
| Waste Quantity: | 1200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19950626 |
| Creation Date: | 10/24/1995 0:00:00 |
| Receipt Date: | 19950629 |
| Manifest ID: | 95328077 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.0625 |
| Waste Quantity: | 125 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950530 |
| Creation Date: | 10/24/1995 0:00:00 |
| Receipt Date: | 19950530 |
| Manifest ID: | 93013502 |
| Trans EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.7496 |
| Waste Quantity: | 486 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950420 |
| Creation Date: | 10/23/1995 0:00:00 |
| Receipt Date: | 19950420 |
| Manifest ID: | 95302647 |
| Trans EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008364432 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.72 |
| Waste Quantity: | 200 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950414 |
| Creation Date: | 10/23/1995 0:00:00 |
| Receipt Date: | 19950420 |
| Manifest ID: | 95341871 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950414 |
| Creation Date: | 10/23/1995 0:00:00 |
| Receipt Date: | 19950418 |
| Manifest ID: | 95341872 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.4 |
| Waste Quantity: | 800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2013 |
| Gen EPA ID: | CAL000082285 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 20131105 |
| Creation Date: | 4/5/2014 22:15:10 |
| Receipt Date: | 20131115 |
| Manifest ID: | 012209854JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20130930 |
| Creation Date: | 2/24/2014 22:15:16 |
| Receipt Date: | 20131003 |
| Manifest ID: | 011614987JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20130820 |
| Creation Date: | 1/18/2014 22:15:06 |
| Receipt Date: | 20130828 |
| Manifest ID: | 010765967JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20130711 |
| Creation Date: | 11/16/2013 22:15:17 |
| Receipt Date: | 20130719 |
| Manifest ID: | 011616663JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20130614 |
| Creation Date: | 10/25/2013 22:15:29 |
| Receipt Date: | 20130626 |
| Manifest ID: | 011516785JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20130425 |
| Creation Date: | 6/11/2013 22:15:07 |
| Receipt Date: | 20130430 |
| Manifest ID: | 011250368JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20130328 |
| Creation Date: | 8/19/2013 10:49:42 |
| Receipt Date: | 20130408 |
| Manifest ID: | 011249484JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20130221 |
| Creation Date: | 7/12/2013 22:15:06 |
| Receipt Date: | 20130228 |
| Manifest ID: | 010952487JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20130204 |
| Creation Date: | 8/21/2013 22:15:07 |
| Receipt Date: | 20130213 |
| Manifest ID: | 010763473JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2011 |
| Gen EPA ID: | CAL000082285 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 20111220 |
| Creation Date: | 5/24/2012 20:30:15 |
| Receipt Date: | 20120104 |
| Manifest ID: | 009281942JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20111205 |
| Creation Date: | 6/15/2012 20:30:07 |
| Receipt Date: | 20111212 |
| Manifest ID: | 009281472JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20111107 |
| Creation Date: | 4/11/2012 20:30:30 |
| Receipt Date: | 20111115 |
| Manifest ID: | 009280741JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20111020 |
| Creation Date: | 3/22/2012 20:30:33 |
| Receipt Date: | 20111024 |
| Manifest ID: | 008781431JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110920 |
| Creation Date: | 3/20/2012 20:30:12 |
| Receipt Date: | 20110923 |
| Manifest ID: | 008780592JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110908 |
| Creation Date: | 2/15/2012 20:30:21 |
| Receipt Date: | 20110915 |
| Manifest ID: | 008780266JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110822 |
| Creation Date: | 2/7/2012 20:30:12 |
| Receipt Date: | 20110826 |
| Manifest ID: | 008779943JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110808 |
| Creation Date: | 1/12/2012 18:30:25 |
| Receipt Date: | 20110812 |
| Manifest ID: | 008779584JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110715 |
| Creation Date: | 12/20/2011 18:30:15 |
| Receipt Date: | 20110722 |
| Manifest ID: | 003948225JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROMENTAL RECOVERY SER |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110609 |
| Creation Date: | 11/12/2011 18:30:22 |
| Receipt Date: | 20110614 |

**DITTY CONTAINER INC (Continued)** **S124399854**

Manifest ID: 008848522JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: CAR000189928
Trans 2 Name: NV TRANSPORT
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAL000082285

Shipment Date: 20141229
Creation Date: 6/25/2015 22:15:06
Receipt Date: 20150105
Manifest ID: 013792896JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: CAR000093906
Trans 2 Name: ZAMORA TRUCKING
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141124
Creation Date: 6/26/2015 22:15:41
Receipt Date: 20141204
Manifest ID: 013792037JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 EPA ID: | CAR000093906 |
| Trans 2 Name: | ZAMORA TRUCKING |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20141020 |
| Creation Date: | 4/29/2015 22:15:12 |
| Receipt Date: | 20141027 |
| Manifest ID: | 013366063JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000093906 |
| Trans 2 Name: | ZAMORA TRUCKING |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140923 |
| Creation Date: | 2/12/2015 22:15:04 |
| Receipt Date: | 20140925 |
| Manifest ID: | 013367363JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000093906 |
| Trans 2 Name: | ZAMORA TRUCKING |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140822 |
| Creation Date: | 2/6/2015 22:15:05 |
| Receipt Date: | 20140826 |
| Manifest ID: | 013191970JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000093906 |
| Trans 2 Name: | ZAMORA TRUCKING |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140722 |
| Creation Date: | 12/11/2014 22:14:52 |
| Receipt Date: | 20140729 |
| Manifest ID: | 013191187JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000093906 |
| Trans 2 Name: | ZAMORA TRUCKING |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140617 |
| Creation Date: | 3/27/2015 22:15:17 |
| Receipt Date: | 20140624 |
| Manifest ID: | 013193267JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000093906 |
| Trans 2 Name: | ZAMORA TRUCKING |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140430 |
| Creation Date: | 9/13/2014 22:15:14 |
| Receipt Date: | 20140502 |
| Manifest ID: | 012849640JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140421 |
| Creation Date: | 9/6/2014 22:15:06 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Receipt Date: | 20140428 |
| Manifest ID: | 012849406JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20140401 |
| Creation Date: | 8/17/2014 22:15:12 |
| Receipt Date: | 20140408 |
| Manifest ID: | 012848752JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000189928 |
| Trans 2 Name: | NV TRANSPORT |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1998 |
| Gen EPA ID: | CAL000082285 |

| | |
|---|---|
| Shipment Date: | 19981124 |
| Creation Date: | 1/21/1999 0:00:00 |
| Receipt Date: | 19981201 |
| Manifest ID: | 98242135 |
| Trans EPA ID: | CAD980585293 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.8 |
| Waste Quantity: | 1600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19981124 |
| Creation Date: | 1/21/1999 0:00:00 |
| Receipt Date: | 19981201 |
| Manifest ID: | 98242135 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.4 |
| Waste Quantity: | 2800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19981124 |
| Creation Date: | 1/13/1999 0:00:00 |
| Receipt Date: | 19981130 |
| Manifest ID: | 98242104 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.386 |
| Waste Quantity: | 385 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980820 |
| Creation Date: | 10/20/1998 0:00:00 |
| Receipt Date: | 19980826 |
| Manifest ID: | 98243980 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.8 |
| Waste Quantity: | 500 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980820 |
| Creation Date: | 1/4/2000 0:00:00 |
| Receipt Date: | 19980825 |
| Manifest ID: | 98243981 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.65 |
| Waste Quantity: | 3300 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 19980820 |
| Creation Date: | 1/4/2000 0:00:00 |
| Receipt Date: | 19980825 |
| Manifest ID: | 98243981 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0625 |
| Waste Quantity: | 125 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19980615 |
| Creation Date: | 8/3/1998 0:00:00 |
| Receipt Date: | 19980618 |
| Manifest ID: | 97262671 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.75 |
| Waste Quantity: | 1500 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19980615 |
| Creation Date: | 9/3/1998 0:00:00 |
| Receipt Date: | 19980624 |
| Manifest ID: | 97262672 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.594 |
| Waste Quantity: | 165 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980615 |
| Creation Date: | 8/3/1998 0:00:00 |
| Receipt Date: | 19980618 |
| Manifest ID: | 97262671 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.4 |
| Waste Quantity: | 800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980327 |
| Creation Date: | 5/26/1998 0:00:00 |
| Receipt Date: | 19980410 |
| Manifest ID: | 97264103 |
| Trans EPA ID: | CAD980585293 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.9 |
| Waste Quantity: | 250 |
| Quantity Unit: | G |

**DITTY CONTAINER INC (Continued)** **S124399854**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAL000082285

Shipment Date: 20061221
Creation Date: 10/24/2007 18:30:14
Receipt Date: 20061227
Manifest ID: 001964395JJK
Trans EPA ID: CA0000970392
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20061130
Creation Date: 7/13/2007 18:30:28
Receipt Date: 20061207
Manifest ID: 001405700JJK
Trans EPA ID: CA0000970392
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20061107 |
| Creation Date: | 7/6/2007 18:30:05 |
| Receipt Date: | 20061110 |
| Manifest ID: | 001402225JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20061004 |
| Creation Date: | 6/29/2007 18:30:21 |
| Receipt Date: | 20061005 |
| Manifest ID: | 001409801JJK |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 21.9128 |
| Waste Quantity: | 26 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060918 |
| Creation Date: | 7/13/2007 18:30:17 |
| Receipt Date: | 20060918 |
| Manifest ID: | 001409218JJK |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060821 |
| Creation Date: | 9/27/2006 18:35:31 |
| Receipt Date: | 20060823 |
| Manifest ID: | 24920898 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060731 |
| Creation Date: | 9/17/2006 18:33:10 |
| Receipt Date: | 20060802 |
| Manifest ID: | 24920087 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRASPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060714 |
| Creation Date: | 9/17/2006 18:31:37 |
| Receipt Date: | 20060721 |
| Manifest ID: | 25179096 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060615 |
| Creation Date: | 9/14/2006 18:36:07 |
| Receipt Date: | 20060620 |
| Manifest ID: | 25177418 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20060526 |
| Creation Date: | 8/11/2006 18:33:33 |
| Receipt Date: | 20060531 |
| Manifest ID: | 25176780 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000148197 |
| Trans 2 Name: | IMERY TRANSPORTATION |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2002 |
| Gen EPA ID: | CAL000082285 |
| | |
| Shipment Date: | 20021211 |
| Creation Date: | 3/16/2007 18:30:20 |
| Receipt Date: | 20021213 |
| Manifest ID: | 22074667 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.815 |
| Waste Quantity: | 550 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20021211 |
| Creation Date: | 3/16/2007 18:30:20 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Receipt Date: | 20021213 |
| Manifest ID: | 22074667 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20021126 |
| Creation Date: | 4/2/2003 18:31:15 |
| Receipt Date: | 20021127 |
| Manifest ID: | 22070734 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20021026 |
| Creation Date: | 2/21/2003 10:41:38 |
| Receipt Date: | 20021031 |
| Manifest ID: | 22136276 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD981435621 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20021016 |
| Creation Date: | 2/10/2003 18:31:16 |
| Receipt Date: | 20021017 |
| Manifest ID: | 22136029 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD981435621 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20020917 |
| Creation Date: | 1/28/2003 18:32:43 |
| Receipt Date: | 20020918 |
| Manifest ID: | 22129208 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD981435621 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20020731 |
| Creation Date: | 1/31/2003 15:02:08 |
| Receipt Date: | 20020808 |
| Manifest ID: | 21927179 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAL000182127 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20020626 |
| Creation Date: | 9/18/2002 18:32:45 |
| Receipt Date: | 20020703 |
| Manifest ID: | 21873543 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAL000182127 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20020612 |
| Creation Date: | 1/14/2003 18:31:21 |
| Receipt Date: | 20020618 |
| Manifest ID: | 21871918 |
| Trans EPA ID: | CA0000970392 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans Name: | Not reported |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020529 |
| Creation Date: | 1/24/2003 18:31:04 |
| Receipt Date: | 20020530 |
| Manifest ID: | 21871462 |
| Trans EPA ID: | CA0000970392 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2015 |
| Gen EPA ID: | CAL000082285 |

| | |
|---|---|
| Shipment Date: | 20151208 |
| Creation Date: | 6/10/2016 18:32:33 |
| Receipt Date: | 20151210 |
| Manifest ID: | 014911116JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20151116 |
| Creation Date: | 5/24/2016 18:30:05 |
| Receipt Date: | 20151118 |
| Manifest ID: | 014910537JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150923 |
| Creation Date: | 2/9/2016 22:15:26 |
| Receipt Date: | 20150930 |
| Manifest ID: | 015055996JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150818 |
| Creation Date: | 2/9/2016 22:15:11 |
| Receipt Date: | 20150824 |
| Manifest ID: | 015052530JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150710 |
| Creation Date: | 2/8/2016 22:17:34 |
| Receipt Date: | 20150714 |
| Manifest ID: | 014501986JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 20150619 |
| Creation Date: | 1/20/2016 22:15:31 |
| Receipt Date: | 20150625 |
| Manifest ID: | 014501288JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20150518 |
| Creation Date: | 11/6/2015 22:15:39 |
| Receipt Date: | 20150520 |
| Manifest ID: | 014500392JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20150429 |
| Creation Date: | 9/10/2015 22:15:09 |
| Receipt Date: | 20150504 |
| Manifest ID: | 014499739JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD98203173 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150331 |
| Creation Date: | 9/1/2015 22:15:10 |
| Receipt Date: | 20150406 |
| Manifest ID: | 014073419JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150302 |
| Creation Date: | 7/23/2015 22:15:32 |
| Receipt Date: | 20150303 |
| Manifest ID: | 013798678JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIRONMENTAL RECOVERY SERVICES INC |
| Trans 2 EPA ID: | CAR000181560 |
| Trans 2 Name: | REMEDIAL TRANSPORTATION SERVICES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAL000082285

Shipment Date: 20171113
Creation Date: 10/16/2018 18:31:07
Receipt Date: 20171120
Manifest ID: 017362972JJK
Trans EPA ID: CAR000276295
Trans Name: WM ENVIROSERV
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171016
Creation Date: 8/2/2018 18:30:23
Receipt Date: 20171024
Manifest ID: 017362255JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIROSERV
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 16.856

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20170906 |
| Creation Date: | 7/5/2018 18:32:15 |
| Receipt Date: | 20170914 |
| Manifest ID: | 017361427JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROSERV |
| Trans 2 EPA ID: | CA982030173 |
| Trans 2 Name: | ECOLOGY CONTROL IND |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20170809 |
| Creation Date: | 7/19/2018 18:30:21 |
| Receipt Date: | 20170814 |
| Manifest ID: | 015817844JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROSERV |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Shipment Date: | 20170725 |
| Creation Date: | 7/27/2018 18:30:12 |
| Receipt Date: | 20170728 |
| Manifest ID: | 015817459JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROSERV |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20170621 |
| Creation Date: | 7/27/2018 18:30:18 |
| Receipt Date: | 20170628 |
| Manifest ID: | 015816699JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROSERV |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization) |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20170525 |
| Creation Date: | 7/21/2018 18:30:10 |
| Receipt Date: | 20170601 |
| Manifest ID: | 017034081JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROSERV |
| Trans 2 EPA ID: | CAD982030173 |

**DITTY CONTAINER INC (Continued)** **S124399854**

| | |
|---|---|
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20170424 |
| Creation Date: | 5/12/2018 18:32:44 |
| Receipt Date: | 20170504 |
| Manifest ID: | 017035524JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROSERV |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 16.856 |
| Waste Quantity: | 20 |
| Quantity Unit: | Y |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20170317 |
| Creation Date: | 5/11/2018 18:34:27 |
| Receipt Date: | 20170327 |
| Manifest ID: | 016795978JJK |
| Trans EPA ID: | CAR000188201 |
| Trans Name: | ENVIROSERV |
| Trans 2 EPA ID: | CAD982030173 |
| Trans 2 Name: | ECOLOGY CONTROL INDUSTRIES |
| TSDF EPA ID: | NVT330010000 |
| Trans Name: | US ECOLOGY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | Not reported |

**DITTY CONTAINER INC (Continued)** **S124399854**

Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170201
Creation Date: 5/9/2018 18:31:32
Receipt Date: 20170203
Manifest ID: 016802653JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIROSERV
Trans 2 EPA ID: CAD982030173
Trans 2 Name: ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 16.856
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: DITTY CONTAINER INC
Address: 2200 N ROSEMEAD BOULEVARD
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAL000082285
Inactive Date: Not reported
Create Date: 02/11/1993
Last Act Date: 10/15/2019
Mailing Name: Not reported
Mailing Address: 2200 N ROSEMEAD BOULEVARD
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330000
Owner Name: DITTY CONTAINER INC
Owner Address: 2200 N ROSEMEAD BOULEVARD
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact Name: TIM DITTY
Contact Address: 2226 N ROSEMEAD BLVD
Contact Address 2: Not reported
City,State,Zip: SOUTH ELMONTE, CA 91733

**DITTY CONTAINER INC (Continued)** **S124399854**

NAICS:

| | |
|---|---|
| EPA ID: | CAL000082285 |
| Create Date: | 2005-09-27 15:01:35 |
| NAICS Code: | 332439 |
| NAICS Description: | Other Metal Container Manufacturing |
| Issued EPA ID Date: | 1993-02-11 00:00:00 |
| Inactive Date: | Not reported |
| Facility Name: | DITTY CONTAINER INC |
| Facility Address: | 2200 N ROSEMEAD BOULEVARD |
| Facility Address 2: | Not reported |
| Facility City: | SOUTH EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 917330000 |

---

**A15** **PACIFIC COAST DRUM COMPANY** **RGA LUST** **S114665993**
**2200 ROSEMEAD BOULEVARD, N.** **N/A**
**< 1/8** **SOUTH EL MONTE, CA**
**1 ft.**

**Site 15 of 42 in cluster A**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

RGA LUST:

| | |
|---|---|
| Name: | PACIFIC COAST DRUM COMPANY |
| Address: | 2200 ROSEMEAD BOULEVARD, N. |
| City: | SOUTH EL MONTE |
| State: | SOUTH EL MONTE |

1994 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BOULEVARD, N.

---

**A16** **DITTY CONTAINER INC** **CERS HAZ WASTE** **U002279495**
**2226 N ROSEMEAD BLVD** **CERS TANKS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **EMI**
**1 ft.** **LOS ANGELES CO. HMS**
**WDS**
**Site 16 of 42 in cluster A** **CERS**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733-1520 |
| Site ID: | 111789 |
| CERS ID: | 10288930 |
| CERS Description: | Hazardous Waste Generator |

CERS TANKS:

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733-1520 |
| Site ID: | 111789 |
| CERS ID: | 10288930 |
| CERS Description: | Aboveground Petroleum Storage |

EMI:

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 N ROSEMEAD BLVD |

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1996 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 3412 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 51 |
| Reactive Organic Gases Tons/Yr: | 36 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 1 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2005 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 3412 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 19.54074 |
| Reactive Organic Gases Tons/Yr: | 17.528477286 |
| Carbon Monoxide Emissions Tons/Yr: | .4162 |
| NOX - Oxides of Nitrogen Tons/Yr: | .64 |
| SOX - Oxides of Sulphur Tons/Yr: | .00435 |
| Particulate Matter Tons/Yr: | .6682 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .643624 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2006 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 3412 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.255985790735642021 |
| Reactive Organic Gases Tons/Yr: | .579 |
| Carbon Monoxide Emissions Tons/Yr: | .266 |
| NOX - Oxides of Nitrogen Tons/Yr: | .988 |
| SOX - Oxides of Sulphur Tons/Yr: | .005 |
| Particulate Matter Tons/Yr: | .509 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .49032 |

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2007 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 3412 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.255985790735642021 |
| Reactive Organic Gases Tons/Yr: | .579 |
| Carbon Monoxide Emissions Tons/Yr: | .266 |
| NOX - Oxides of Nitrogen Tons/Yr: | .988 |
| SOX - Oxides of Sulphur Tons/Yr: | .005 |
| Particulate Matter Tons/Yr: | .509 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .49032 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2008 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7623 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .4765164571473742965 |
| Reactive Organic Gases Tons/Yr: | .3069683000000000432 |
| Carbon Monoxide Emissions Tons/Yr: | .24 |
| NOX - Oxides of Nitrogen Tons/Yr: | .93 |
| SOX - Oxides of Sulphur Tons/Yr: | .00433116 |
| Particulate Matter Tons/Yr: | .4004 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .385944 |

| | |
|---|---|
| Name: | DITTY CONTAINER INC |
| Address: | 2226 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2012 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 94529 |
| Air District Name: | SC |
| SIC Code: | 7623 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.16119932805 |
| Reactive Organic Gases Tons/Yr: | 0.14421 |
| Carbon Monoxide Emissions Tons/Yr: | 0.01719 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.05793 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.00026 |

**DITTY CONTAINER INC (Continued)** **U002279495**

Particulate Matter Tons/Yr: 0.1655
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.1588956

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2013
County Code: 19
Air Basin: SC
Facility ID: 94529
Air District Name: SC
SIC Code: 7623
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.45942793703
Reactive Organic Gases Tons/Yr: 0.29552
Carbon Monoxide Emissions Tons/Yr: 0.19551
NOX - Oxides of Nitrogen Tons/Yr: 0.6223
SOX - Oxides of Sulphur Tons/Yr: 0.00293
Particulate Matter Tons/Yr: 0.3413
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.3290496

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2016
County Code: 19
Air Basin: SC
Facility ID: 94529
Air District Name: SC
SIC Code: 3412
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.36472718012
Reactive Organic Gases Tons/Yr: 0.257986
Carbon Monoxide Emissions Tons/Yr: 0.19
NOX - Oxides of Nitrogen Tons/Yr: 0.57
SOX - Oxides of Sulphur Tons/Yr: 0.002815
Particulate Matter Tons/Yr: 0.285416
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.27500016

LOS ANGELES CO. HMS:
Name: PACIFIC COAST DRUM CO
Address: 2226 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 917331520
Region: LA
Permit Category: I
Facility Id: 004434-I04601
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000005059
Permit Status: Closed

Name: PACIFIC COAST DRUM CO

**DITTY CONTAINER INC (Continued)** **U002279495**

Address: 2226 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 917331520
Region: LA
Permit Category: I
Facility Id: 004434-I04601
Facility Type: 09
Facility Status: Closed
Area: 3U
Permit Number: 000008312
Permit Status: Closed

WDS:
Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Facility ID: 4 19I012779
Facility Type: Not reported
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: DITTY CONTAINER INC
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Not reported
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**DITTY CONTAINER INC (Continued)** **U002279495**

CERS:
Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733-1520
Site ID: 111789
CERS ID: 10288930
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide bulk storage containers with adequate secondary containment large enough to contain the entire capacity of the largest container plus additional capacity to contain precipitation when applicable, and/or failure to position/locate mobile or portable containers to prevent a discharge.
Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: Bulk storage containers do not have adequate secondary containment. Tote bins were found in the oil-water separation area and behind the storage cage without secondary containment. CORRECTIVE ACTION: Provide secondary containment for each bulk storage container or relocate them within containment berms. Submit photos within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(8)(A)(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)(A)(c)(9)(A)
Violation Description: Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years.
Violation Notes: OBSERVATION: Owner/Operator failed to complete a waste analysis plan or has an incomplete waste analysis plan, or failed to implement the waste analysis plan and properly maintain records to document implementation of the waste analysis plan. CORRECTIVE ACTION: Complete or revise waste analysis plan to comply with the requirements of CCR 66265.13, and/or implement waste analysis plan and properly maintain records to document that you are implementing the waste analysis plan. Submit copy of plan and records demonstrating implementation.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

**DITTY CONTAINER INC (Continued)** **U002279495**

Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: OBSERVATION: Owner/Operator failed to separate incompatible hazardous materials in storage pursuant to UFC 5003.9.8. CORRECTIVE ACTION: Incompatible materials in storage and storage of materials that are incompatible with materials in use shall be separated where the stored materials are in containers having a capacity of more than 5 pounds (2 kg) or 0.5 gallon (2 L). Separation shall be accomplished by one or more of the following methods: 1. Segregating incompatible materials in storage by a distance of not less than 20 feet (6096 mm). 2. Isolating incompatible materials in storage by a non-combustible partition extending not less than 18 inches (457 mm) above and to the sides of the stored material. 3. Storing liquid and solid materials in hazardous material storage cabinets. 4. Storing compressed gases in gas cabinets or exhausted enclosures in accordance with Sections 5003.8.5 and 5003.8.6. Materials that are incompatible shall not be stored within the same [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 09/08/2016. OBSERVATION: Sludge (resin waste) from treatment tank and stripper; wastewater from collection sump (2,000-gal below-grade sump); shot blast dust; and wastewater from hard-flush collection sumps did not have any recent analysis or hazardous waste determination. Any person who generates a waste shall determine if the waste is a hazardous waste and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal. CORRECTIVE ACTION: Immediately make a hazardous waste determination for pH, %-weight of base in the wastewater, and Title 22 heavy metals using TTLC/STLC as applicable and manage it according the Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A)
Violation Description: Failure to prepare a treatment system inspection program and the log of inspections conducted, and maintain onsite for three years.
Violation Notes: OBSERVATION: Generator failed to provide a treatment system inspection program and a log of inspections. CORRECTIVE ACTIONS: Complete and provide to CUPA a treatment system inspection program and a log of inspections conducted. Keep records for three years.

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53 |
| Violation Description: | Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services. |
| Violation Notes: | Returned to compliance on 11/17/2016. OBSERVATION: The contingency plan was not submitted to the CUPA. CORRECTIVE ACTION: Immediately submit a copy of the plan to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. |
| Violation Notes: | Returned to compliance on 11/17/2016. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-11-2016 |
| Citation: | HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a) |
| Violation Description: | Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan. |
| Violation Notes: | Returned to compliance on 11/17/2016. OBSERVATION: Failure to prepare and implement SPCC. CORRECTIVE ACTION: Prepare and implement SPCC. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21 |

**DITTY CONTAINER INC (Continued)** **U002279495**

Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: The Generator failed to adequately complete a source reduction report with all the required information or failed to maintain the report for review. Elements of the 2015 Source Reduction Report are being prepared but not yet completed. CORRECTIVE ACTION: The Generator shall immediatly complete a source reduction report with all the required infromation and maintain for review.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: Finely divided metals generated from shot blasting of metal drums are being recycled as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by April 1, 2016. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)

**DITTY CONTAINER INC (Continued)** **U002279495**

Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: Returned to compliance on 11/17/2016. wwater collection sump 2,000-gal OBSERVATION: Owner/Operator does not have a tank assessment for the 2,000-gal alkaline wastewater collection sump (continuously-fed below-grade tank). The owner or operator of a hazardous waste tank shall obtain a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the 2,000-gal alkaline wastewater sump (tank). Submit a schedule showing when this will be accomplished to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: OBSERVATION: The owner or operator failed to permanently mark the exterior of the treatment unit. The owner or operator of a treatment unit deemed to hold a permit by rule shall permanently mark the exterior of each treatment unit with the name of the person which owns or operates the treatment unit, facility identification number and an individual serial number. CORRECTIVE ACTIONS: Ensure that the HW treatment unit meets all of the requirements listed. Provide supporting documentation that demonstrates compliance with the requirements to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review and submit

**DITTY CONTAINER INC (Continued)** **U002279495**

verification of proper completion.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SPCC dated Sept 2016 reviewed, including section discussing 5-yr review/technical amendments; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Tank Assessment, SB-14, and Contingency Pan submitted and reviewed; waste determination conducted, results pending. Followup in one week.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittals (HMBP/ER Plans) reviewed and accepted. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-01-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency

**DITTY CONTAINER INC (Continued)** **U002279495**

Eval Notes: HW determination conducted on 9/8/16; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager and Adam Pluskota, Office Manager Facility subject to HW analysis of alkaline wastewater from collection sump to determine Tiered Permit category (CA or PBR)
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 111789
Facility Name: DITTY CONTAINER INC
Env Int Type Code: HMBP
Program ID: 10288930

**DITTY CONTAINER INC (Continued)** **U002279495**

Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.054360
Longitude: -118.063140

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BL
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Company Official
Entity Name: Tim Ditty
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: Not reported

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

Affiliation Type Desc: Operator
Entity Name: DITTY CONTAINER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 454-1182

Affiliation Type Desc: Parent Corporation

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Entity Name: | DITTY CONTAINER INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Public Contact |
| Entity Name: | TIM DITTY |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | ADAM PLUSKOTA |
| Entity Title: | Not reported |
| Affiliation Address: | 2226 N ROSEMEAD BL |
| Affiliation City: | SOUTHELMONTE |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | JUAN ROJO |
| Entity Title: | PRODUCTION MANAGER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | TIMOTHY DITTY |
| Entity Title: | Not reported |
| Affiliation Address: | 2226 N. ROSEMEAD BLVD. |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |

**DITTY CONTAINER INC (Continued)** **U002279495**

Affiliation Phone: (626) 454-1182

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Timothy Ditty
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Pacific Coast Drum
Entity Title: Not reported
Affiliation Address: P.O. Box 3593
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 443-3096

Affiliation Type Desc: Public Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Affiliation Type Desc: Technical Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733-1520
Site ID: 111789
CERS ID: 91733DTTYC2226N
CERS Description: Toxic Release Inventory

Violations:
Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide bulk storage containers with adequate secondary containment large enough to contain the entire capacity of the largest

**DITTY CONTAINER INC (Continued)** **U002279495**

container plus additional capacity to contain precipitation when applicable, and/or failure to position/locate mobile or portable containers to prevent a discharge.

Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: Bulk storage containers do not have adequate secondary containment. Tote bins were found in the oil-water separation area and behind the storage cage without secondary containment. CORRECTIVE ACTION: Provide secondary containment for each bulk storage container or relocate them within containment berms. Submit photos within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(8)(A)(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)(A)(c)(9)(A)
Violation Description: Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years.
Violation Notes: OBSERVATION: Owner/Operator failed to complete a waste analysis plan or has an incomplete waste analysis plan, or failed to implement the waste analysis plan and properly maintain records to document implementation of the waste analysis plan. CORRECTIVE ACTION: Complete or revise waste analysis plan to comply with the requirements of CCR 66265.13, and/or implement waste analysis plan and properly maintain records to document that you are implementing the waste analysis plan. Submit copy of plan and records demonstrating implementation.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: OBSERVATION: Owner/Operator failed to separate incompatible hazardous materials in storage pursuant to UFC 5003.9.8. CORRECTIVE ACTION: Incompatible materials in storage and storage of materials that are incompatible with materials in use shall be separated where the stored materials are in containers having a capacity of more than 5 pounds (2 kg) or 0.5 gallon (2 L). Separation shall be accomplished by one or more of the following methods: 1. Segregating incompatible materials in storage by a distance of not less than 20 feet (6096 mm). 2. Isolating incompatible materials in storage by a non-combustible partition extending not less than 18 inches (457 mm) above and to the sides of the stored material. 3. Storing liquid and solid materials in hazardous material storage cabinets. 4. Storing compressed gases in gas cabinets or exhausted enclosures in accordance with Sections 5003.8.5 and 5003.8.6. Materials that are incompatible shall not be stored within the same [Truncated]

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method. |
| Violation Notes: | Returned to compliance on 09/08/2016. OBSERVATION: Sludge (resin waste) from treatment tank and stripper; wastewater from collection sump (2,000-gal below-grade sump); shot blast dust; and wastewater from hard-flush collection sumps did not have any recent analysis or hazardous waste determination. Any person who generates a waste shall determine if the waste is a hazardous waste and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal. CORRECTIVE ACTION: Immediately make a hazardous waste determination for pH, %-weight of base in the wastewater, and Title 22 heavy metals using TTLC/STLC as applicable and manage it according the Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed 30 days from now. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-26-2019 |
| Citation: | 22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A) |
| Violation Description: | Failure to prepare a treatment system inspection program and the log of inspections conducted, and maintain onsite for three years. |
| Violation Notes: | OBSERVATION: Generator failed to provide a treatment system inspection program and a log of inspections. CORRECTIVE ACTIONS: Complete and provide to CUPA a treatment system inspection program and a log of inspections conducted. Keep records for three years. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53 |
| Violation Description: | Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services. |
| Violation Notes: | Returned to compliance on 11/17/2016. OBSERVATION: The contingency plan was not submitted to the CUPA. CORRECTIVE ACTION: Immediately |

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| | submit a copy of the plan to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. |
| Violation Notes: | Returned to compliance on 11/17/2016. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-11-2016 |
| Citation: | HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a) |
| Violation Description: | Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan. |
| Violation Notes: | Returned to compliance on 11/17/2016. OBSERVATION: Failure to prepare and implement SPCC. CORRECTIVE ACTION: Prepare and implement SPCC. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21 |
| Violation Description: | Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14). |
| Violation Notes: | Returned to compliance on 11/17/2016. OBSERVATION: The Generator failed to adequately complete a source reduction report with all the required information or failed to maintain the report for review. Elements of the 2015 Source Reduction Report are being prepared but not yet completed. CORRECTIVE ACTION: The Generator shall immediatly complete a source reduction report with all the required infromation and maintain for review. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Violation Date: | 08-26-2019 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method. |
| Violation Notes: | Returned to compliance on 11/12/2019. OBSERVATION: Finely divided metals generated from shot blasting of metal drums are being recycled as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 11/17/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by April 1, 2016. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a) |
| Violation Description: | Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation. |
| Violation Notes: | Returned to compliance on 11/17/2016. wwater collection sump 2,000-gal OBSERVATION: Owner/Operator does not have a tank assessment for the 2,000-gal alkaline wastewater collection sump (continuously-fed below-grade tank). The owner or operator of a hazardous waste tank shall obtain a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating |

**DITTY CONTAINER INC (Continued)** **U002279495**

of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the 2,000-gal alkaline wastewater sump (tank). Submit a schedule showing when this will be accomplished to the CUPA 30 days from now.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: OBSERVATION: The owner or operator failed to permanently mark the exterior of the treatment unit. The owner or operator of a treatment unit deemed to hold a permit by rule shall permanently mark the exterior of each treatment unit with the name of the person which owns or operates the treatment unit, facility identification number and an individual serial number. CORRECTIVE ACTIONS: Ensure that the HW treatment unit meets all of the requirements listed. Provide supporting documentation that demonstrates compliance with the requirements to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review and submit verification of proper completion.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Eval Date: | 08-11-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Adam Pluskota, Office Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 11-17-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | SPCC dated Sept 2016 reviewed, including section discussing 5-yr review/technical amendments; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 11-17-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Tank Assessment, SB-14, and Contingency Pan submitted and reviewed; waste determination conducted, results pending. Followup in one week. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 11-17-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | CERS submittals (HMBP/ER Plans) reviewed and accepted. NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 02-01-2018 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | HW determination conducted on 9/8/16; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-26-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Adam Pluskota, Office Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-26-2019 |

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Adam Pluskota, Office Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-26-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Adam Pluskota, Office Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-09-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Juan Rojo, Plant Manager and Adam Pluskota, Office Manager Facility subject to HW analysis of alkaline wastewater from collection sump to determine Tiered Permit category (CA or PBR) |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-26-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Adam Pluskota, Office Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 111789 |
| Facility Name: | DITTY CONTAINER INC |
| Env Int Type Code: | HMBP |
| Program ID: | 10288930 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 34.054360 |
| Longitude: | -118.063140 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | ADAM PLUSKOTA |
| Entity Title: | Not reported |
| Affiliation Address: | 2226 N ROSEMEAD BL |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2226 N ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Company Official |
| Entity Name: | Tim Ditty |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 917331520 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | ADAM PLUSKOTA |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | DITTY CONTAINER INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 454-1182 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | DITTY CONTAINER INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Public Contact |
| Entity Name: | TIM DITTY |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |

**DITTY CONTAINER INC (Continued)** **U002279495**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact
Entity Name: ADAM PLUSKOTA
Entity Title: Not reported
Affiliation Address: 2226 N ROSEMEAD BL
Affiliation City: SOUTHELMONTE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: JUAN ROJO
Entity Title: PRODUCTION MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: TIMOTHY DITTY
Entity Title: Not reported
Affiliation Address: 2226 N. ROSEMEAD BLVD.
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 454-1182

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Timothy Ditty
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Pacific Coast Drum
Entity Title: Not reported
Affiliation Address: P.O. Box 3593

**DITTY CONTAINER INC (Continued)** **U002279495**

Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 443-3096

Affiliation Type Desc: Public Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Affiliation Type Desc: Technical Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: 6264541182

Name: DITTY CONTAINER INC
Address: 2226 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733-1520
Site ID: 111789
CERS ID: 110002424190
CERS Description: US EPA Air Emission Inventory System (EIS)

Violations:
Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide bulk storage containers with adequate secondary containment large enough to contain the entire capacity of the largest container plus additional capacity to contain precipitation when applicable, and/or failure to position/locate mobile or portable containers to prevent a discharge.
Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: Bulk storage containers do not have adequate secondary containment. Tote bins were found in the oil-water separation area and behind the storage cage without secondary containment. CORRECTIVE ACTION: Provide secondary containment for each bulk storage container or relocate them within containment berms. Submit photos within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Citation: | 22 CCR 45 67450.3(c)(8)(A)(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)(A)(c)(9)(A) |
| Violation Description: | Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years. |
| Violation Notes: | OBSERVATION: Owner/Operator failed to complete a waste analysis plan or has an incomplete waste analysis plan, or failed to implement the waste analysis plan and properly maintain records to document implementation of the waste analysis plan. CORRECTIVE ACTION: Complete or revise waste analysis plan to comply with the requirements of CCR 66265.13, and/or implement waste analysis plan and properly maintain records to document that you are implementing the waste analysis plan. Submit copy of plan and records demonstrating implementation. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-26-2019 |
| Citation: | HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple |
| Violation Description: | Business Plan Program - Operations/Maintenance - General |
| Violation Notes: | OBSERVATION: Owner/Operator failed to separate incompatible hazardous materials in storage pursuant to UFC 5003.9.8. CORRECTIVE ACTION: Incompatible materials in storage and storage of materials that are incompatible with materials in use shall be separated where the stored materials are in containers having a capacity of more than 5 pounds (2 kg) or 0.5 gallon (2 L). Separation shall be accomplished by one or more of the following methods: 1. Segregating incompatible materials in storage by a distance of not less than 20 feet (6096 mm). 2. Isolating incompatible materials in storage by a non-combustible partition extending not less than 18 inches (457 mm) above and to the sides of the stored material. 3. Storing liquid and solid materials in hazardous material storage cabinets. 4. Storing compressed gases in gas cabinets or exhausted enclosures in accordance with Sections 5003.8.5 and 5003.8.6. Materials that are incompatible shall not be stored within the same [Truncated] |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 111789 |
| Site Name: | DITTY CONTAINER INC |
| Violation Date: | 08-09-2016 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method. |
| Violation Notes: | Returned to compliance on 09/08/2016. OBSERVATION: Sludge (resin waste) from treatment tank and stripper; wastewater from collection sump (2,000-gal below-grade sump); shot blast dust; and wastewater from hard-flush collection sumps did not have any recent analysis or hazardous waste determination. Any person who generates a waste shall |

**DITTY CONTAINER INC (Continued)** **U002279495**

determine if the waste is a hazardous waste and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal. CORRECTIVE ACTION: Immediately make a hazardous waste determination for pH, %-weight of base in the wastewater, and Title 22 heavy metals using TTLC/STLC as applicable and manage it according the Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed 30 days from now.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A)
Violation Description: Failure to prepare a treatment system inspection program and the log of inspections conducted, and maintain onsite for three years.
Violation Notes: OBSERVATION: Generator failed to provide a treatment system inspection program and a log of inspections. CORRECTIVE ACTIONS: Complete and provide to CUPA a treatment system inspection program and a log of inspections conducted. Keep records for three years.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description: Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: The contingency plan was not submitted to the CUPA. CORRECTIVE ACTION: Immediately submit a copy of the plan to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: An Emergency Response Plan and procedures has not been completed and submitted electronically to the CUPA. CORRECTIVE ACTION: Complete the emergency

**DITTY CONTAINER INC (Continued)** **U002279495**

response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to prepare and implement SPCC. CORRECTIVE ACTION: Prepare and implement SPCC.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21
Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: The Generator failed to adequately complete a source reduction report with all the required information or failed to maintain the report for review. Elements of the 2015 Source Reduction Report are being prepared but not yet completed. CORRECTIVE ACTION: The Generator shall immediatly complete a source reduction report with all the required infromation and maintain for review.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: Finely divided metals generated from shot blasting of metal drums are being recycled as scrap metal. Finely divided metal less than 100 microns in size does not meet the definition of scrap metal. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit manifests/receipts documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division: Los Angeles County Fire Department
Violation Program: HW

**DITTY CONTAINER INC (Continued)** **U002279495**

Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by April 1, 2016. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-09-2016
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes: Returned to compliance on 11/17/2016. wwater collection sump 2,000-gal OBSERVATION: Owner/Operator does not have a tank assessment for the 2,000-gal alkaline wastewater collection sump (continuously-fed below-grade tank). The owner or operator of a hazardous waste tank shall obtain a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the 2,000-gal alkaline wastewater sump (tank). Submit a schedule showing when this will be accomplished to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-26-2019
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility

**DITTY CONTAINER INC (Continued)** **U002279495**

identification number and an individual serial number.
Violation Notes: OBSERVATION: The owner or operator failed to permanently mark the exterior of the treatment unit. The owner or operator of a treatment unit deemed to hold a permit by rule shall permanently mark the exterior of each treatment unit with the name of the person which owns or operates the treatment unit, facility identification number and an individual serial number. CORRECTIVE ACTIONS: Ensure that the HW treatment unit meets all of the requirements listed. Provide supporting documentation that demonstrates compliance with the requirements to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 111789
Site Name: DITTY CONTAINER INC
Violation Date: 08-11-2016
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 11/17/2016. OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review and submit verification of proper completion.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Rojo, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SPCC dated Sept 2016 reviewed, including section discussing 5-yr review/technical amendments; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA

**DITTY CONTAINER INC (Continued)** **U002279495**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Tank Assessment, SB-14, and Contingency Pan submitted and reviewed; waste determination conducted, results pending. Followup in one week.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittals (HMBP/ER Plans) reviewed and accepted. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-01-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HW determination conducted on 9/8/16; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Adam Pluskota, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-09-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Juan Rojo, Plant Manager and Adam Pluskota, Office Manager Facility subject to HW analysis of alkaline wastewater from collection sump to determine Tiered Permit category (CA or PBR) |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-26-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Adam Pluskota, Office Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 111789 |
| Facility Name: | DITTY CONTAINER INC |
| Env Int Type Code: | HMBP |
| Program ID: | 10288930 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 34.054360 |
| Longitude: | -118.063140 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | ADAM PLUSKOTA |
| Entity Title: | Not reported |
| Affiliation Address: | 2226 N ROSEMEAD BL |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2226 N ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Company Official |
| Entity Name: | Tim Ditty |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |

**DITTY CONTAINER INC (Continued)** **U002279495**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 917331520
Affiliation Phone: Not reported

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

Affiliation Type Desc: Operator
Entity Name: DITTY CONTAINER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 454-1182

Affiliation Type Desc: Parent Corporation
Entity Name: DITTY CONTAINER INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: TIM DITTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact
Entity Name: ADAM PLUSKOTA

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | 2226 N ROSEMEAD BL |
| Affiliation City: | SOUTHELMONTE |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | JUAN ROJO |
| Entity Title: | PRODUCTION MANAGER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | TIMOTHY DITTY |
| Entity Title: | Not reported |
| Affiliation Address: | 2226 N. ROSEMEAD BLVD. |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 454-1182 |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Timothy Ditty |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Pacific Coast Drum |
| Entity Title: | Not reported |
| Affiliation Address: | P.O. Box 3593 |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 443-3096 |
| | |
| Affiliation Type Desc: | Public Contact |
| Entity Name: | TIM DITTY |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 917331520 |
| Affiliation Phone: | 6264541182 |

**DITTY CONTAINER INC (Continued)** **U002279495**

| | |
|---|---|
| Affiliation Type Desc: | Technical Contact |
| Entity Name: | TIM DITTY |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 917331520 |
| Affiliation Phone: | 6264541182 |

---

**A17** **ROSEMEAD TRUCK TIRE** **WIP** **S106765936**
**2218 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 17 of 42 in cluster A**

**Relative:** **Lower**
**Actual:** **236 ft.**

WIP:

| | |
|---|---|
| Name: | ROSEMEAD TRUCK TIRE |
| Address: | 2218 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1465 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**A18** **CERTIFIED AUTO COLLISIONNA INC.** **FINDS** **1023294564**
**2200 ROSEMEAD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 18 of 42 in cluster A**

**Relative:** **Lower**
**Actual:** **235 ft.**

FINDS:

| | |
|---|---|
| Registry ID: | 110065862542 |
| Facility URL: | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065862542 |

Environmental Interest/Information System:
STATE MASTER

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

---

**A19** **DITTY CONTAINER INC** **FINDS** **1005775808**
**2226 N ROSEMEAD BLVD** **ECHO** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 19 of 42 in cluster A**

**Relative:** **Lower**
**Actual:** **236 ft.**

FINDS:

| | |
|---|---|
| Registry ID: | 110002424190 |
| Facility URL: | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002424190 |

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN

**DITTY CONTAINER INC (Continued)** **1005775808**

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
STATE MASTER
UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

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

ECHO:

| | |
|---|---|
| Envid: | 1005775808 |
| Registry ID: | 110002424190 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002424190 |
| Name: | DITTY CONTAINER INC |
| Address: | 2226 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

---

**A20** **DITTY CONTAINER** **UST** **U004049941**
**2226 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 20 of 42 in cluster A**

**Relative: Lower**
**Actual: 236 ft.**

UST:

| | |
|---|---|
| Name: | DITTY CONTAINER |
| Address: | 2226 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | 4601 |
| Permitting Agency: | LOS ANGELES COUNTY |
| Latitude: | 34.0558338 |
| Longitude: | -118.0619137 |

---

**A21** **PACIFIC COAST DRUM COMPAN** **HIST CORTESE** **S101298161**
**2200 ROSEMEAD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91773**
**1 ft.**

**Site 21 of 42 in cluster A**

**Relative: Lower**
**Actual: 235 ft.**

HIST CORTESE:

| | |
|---|---|
| edr_fname: | PACIFIC COAST DRUM COMPAN |
| edr_fadd1: | 2200 ROSEMEAD |
| City,State,Zip: | SOUTH EL MONTE, CA 91773 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | 107.0266 |

**A22** **PACIFIC COAST DRUM COMPANY** **RGA LUST** **S114665992**
**2200 ROSEMEAD BLVD N** **N/A**
**< 1/8** **SOUTH EL MONTE, CA**
**1 ft.**

**Site 22 of 42 in cluster A**

**Relative:** RGA LUST:
**Lower**
**Actual:** Name: PACIFIC COAST DRUM COMPANY
**235 ft.** Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
2009 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
2008 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
2007 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
2006 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
2005 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
2003 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
2002 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
2001 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
2000 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
1998 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N

**PACIFIC COAST DRUM COMPANY (Continued)** **S114665992**

City: SOUTH EL MONTE
State: SOUTH EL MONTE
1997 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
1996 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N
Name: PACIFIC COAST DRUM COMPANY
Address: 2200 ROSEMEAD BLVD N
City: SOUTH EL MONTE
State: SOUTH EL MONTE
1995 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BLVD N

---

**A23** **PACIFIC COAST DRUM COMPANY** **RGA LUST** **S114665994**
**2200 ROSEMEAD BOULEVARD,** **N/A**
**< 1/8** **SOUTH EL MONTE, CA**
**1 ft.**

**Site 23 of 42 in cluster A**

**Relative:** RGA LUST:
**Lower**
Name: PACIFIC COAST DRUM COMPANY
**Actual:** Address: 2200 ROSEMEAD BOULEVARD,
**235 ft.** City: SOUTH EL MONTE
State: SOUTH EL MONTE
1993 PACIFIC COAST DRUM COMPANY 2200 ROSEMEAD BOULEVARD,

---

**A24** **DITTY CONTAINER INC** **RCRA NonGen / NLR** **1024790345**
**2200 N ROSEMEAD BOULEVARD** **CAL000082285**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 24 of 42 in cluster A**

**Relative:** RCRA NonGen / NLR:
**Lower**
Date form received by agency: 1993-02-11 00:00:00.0
**Actual:** Facility name: DITTY CONTAINER INC
**235 ft.** Facility address: 2200 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA 91733-0000
EPA ID: CAL000082285
Contact: TIM DITTY
Contact address: 2226 N ROSEMEAD BLVD
SOUTH ELMONTE, CA 91733
Contact country: Not reported
Contact telephone: 626-454-1182
Contact email: ADAM@DITTY.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: TIM DITTY
Owner/operator address: 2226 N ROSEMEAD BLVD
SOUTH ELMONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-454-1182
Owner/operator email: Not reported

**DITTY CONTAINER INC (Continued)** **1024790345**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DITTY CONTAINER INC
Owner/operator address: 2200 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-454-1182
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**A25** **PACIFIC COAST DRUM** **HAZNET S118928800**
**2212 ROSEMEAD BLVD** **HWTS N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 25 of 42 in cluster A**

**Relative:** HAZNET:
**Lower**
**Actual:** Name: PACIFIC COAST DRUM
**236 ft.** Address: 2212 ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331520
Contact: GARY MERNS
Telephone: 9095768126
Mailing Name: Not reported
Mailing Address: PO BOX 3593

Year: 2015
Gepaid: CAC002829626
TSD EPA ID: AZC950823111

**PACIFIC COAST DRUM (Continued)** **S118928800**

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

Additional Info:
Year: 2015
Gen EPA ID: CAC002829626

Shipment Date: 20150914
Creation Date: 2/9/2016 22:15:26
Receipt Date: 20150923
Manifest ID: 014640227JJK
Trans EPA ID: CAL000160111
Trans Name: ALLIANCE ENVIRONMENTAL GROUP
Trans 2 EPA ID: CAR000049064
Trans 2 Name: ECTI
TSDF EPA ID: AZC950823111
Trans Name: LA PAZ COUNTY LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 151 - Asbestos-containing waste
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.23
Waste Quantity: 1
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: PACIFIC COAST DRUM
Address: 2212 ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331520
EPA ID: CAC002829626
Inactive Date: 12/12/2015
Create Date: 09/11/2015
Last Act Date: 12/12/2015
Mailing Name: Not reported
Mailing Address: PO BOX 3593
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330593
Owner Name: PACIFIC COAST DRUM
Owner Address: PO BOX 3593
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917330593
Contact Name: GARY MERNS
Contact Address: PO BOX 3593
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330593

**A26** **RANZ MOTORSPORTS INC** **HAZNET** **S124400294**
**2200 N ROSEMEAD BLVD** **HWTS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 26 of 42 in cluster A**

**Relative:** HAZNET:
**Lower**

**Actual:**
**235 ft.**

| | |
|---|---|
| Name: | RANZ MOTORSPORTS INC |
| Address: | 2200 N ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917331520 |
| Contact: | RANDY HOR |
| Telephone: | 6264488693 |
| Mailing Name: | Not reported |
| Mailing Address: | 2200 ROSEMEAD BLVD |
| Year: | 2012 |
| Gepaid: | CAL000312233 |
| TSD EPA ID: | CAT000613893 |
| CA Waste Code: | - |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.2 |
| Year: | 2011 |
| Gepaid: | CAL000312233 |
| TSD EPA ID: | TXD077603371 |
| CA Waste Code: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.) |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Tons: | 0.17 |
| Year: | 2010 |
| Gepaid: | CAL000312233 |
| TSD EPA ID: | CAT000613893 |
| CA Waste Code: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.) |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.325 |
| Year: | 2009 |
| Gepaid: | CAL000312233 |
| TSD EPA ID: | CAD008252405 |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Tons: | 0.198 |
| Year: | 2009 |
| Gepaid: | CAL000312233 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Tons: | 0.17 |
| Year: | 2008 |
| Gepaid: | CAL000312233 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Tons: | 0.17 |

**RANZ MOTORSPORTS INC (Continued)** **S124400294**

| | |
|---|---|
| Year: | 2007 |
| Gepaid: | CAL000312233 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Tons: | 0.187 |

| | |
|---|---|
| Year: | 2006 |
| Gepaid: | CAL000312233 |
| TSD EPA ID: | CAD008302903 |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Tons: | 0.396 |

Additional Info:

| | |
|---|---|
| Year: | 2011 |
| Gen EPA ID: | CAL000312233 |
| Shipment Date: | 20110309 |
| Creation Date: | 8/25/2011 18:30:11 |
| Receipt Date: | 20110317 |
| Manifest ID: | 003817862FLE |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD |
| TSDF EPA ID: | TXD077603371 |
| Trans Name: | SAFETY-KLEEN SYSTEMS INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc. |
| RCRA Code: | F005 |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.17 |
| Waste Quantity: | 340 |
| Quantity Unit: | P |
| Additional Code 1: | F003 |
| Additional Code 2: | D035 |
| Additional Code 3: | D001 |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2008 |
| Gen EPA ID: | CAL000312233 |
| Shipment Date: | 20080320 |
| Creation Date: | 5/21/2008 18:30:28 |
| Receipt Date: | 20080326 |
| Manifest ID: | 003558609JJK |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |

**RANZ MOTORSPORTS INC (Continued)** **S124400294**

Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.17
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAL000312233

Shipment Date: 20120626
Creation Date: 5/29/2013 22:15:15
Receipt Date: 20120628
Manifest ID: 002887682SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: - Not reported
RCRA Code: F005
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D039
Additional Code 3: D035
Additional Code 4: D018
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAL000312233

Shipment Date: 20101222
Creation Date: 5/24/2011 18:30:12
Receipt Date: 20101228
Manifest ID: 003635373FLE
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

**RANZ MOTORSPORTS INC (Continued)** **S124400294**

TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F003
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: D039
Additional Code 2: D035
Additional Code 3: D018
Additional Code 4: D001
Additional Code 5: Not reported

Shipment Date: 20100805
Creation Date: 1/26/2011 18:30:17
Receipt Date: 20100811
Manifest ID: 003347560FLE
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D040
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: D039
Additional Code 2: D035
Additional Code 3: D018
Additional Code 4: D001
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAL000312233

Shipment Date: 20070719
Creation Date: 12/28/2007 18:31:37
Receipt Date: 20070801
Manifest ID: 002120035JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported

**RANZ MOTORSPORTS INC (Continued)** **S124400294**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | D001 |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.187 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2009 |
| Gen EPA ID: | CAL000312233 |
| Shipment Date: | 20091028 |
| Creation Date: | 1/8/2010 18:30:49 |
| Receipt Date: | 20091104 |
| Manifest ID: | 006106926JJK |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | D001 |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.17 |
| Waste Quantity: | 50 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20090225 |
| Creation Date: | 7/20/2009 18:30:18 |
| Receipt Date: | 20090225 |
| Manifest ID: | 004848058JJK |
| Trans EPA ID: | CAD981377864 |
| Trans Name: | IDR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008252405 |
| Trans Name: | PACIFIC RESOURCES RECOVERY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.198 |

**RANZ MOTORSPORTS INC (Continued)** **S124400294**

Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAL000312233

Shipment Date: 20061023
Creation Date: 3/30/2007 13:33:40
Receipt Date: 20061101
Manifest ID: 000918164JJK
Trans EPA ID: CAD981377864
Trans Name: IDR ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ENVIRONMENTAL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 214 - Unspecified solvent mixture
RCRA Code: D001
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.396
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: RANZ MOTORSPORTS INC
Address: 2200 N ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331520
EPA ID: CAL000312233
Inactive Date: 06/30/2017
Create Date: 10/04/2006
Last Act Date: 03/25/2016
Mailing Name: Not reported
Mailing Address: 2200 ROSEMEAD BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917331520
Owner Name: RANDY C HOR
Owner Address: 2200 N ROSEMEAD BLVD
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917331520
Contact Name: TAY CABAYAN
Contact Address: 2200 ROSEMEAD BLVD
Contact Address 2: Not reported

**RANZ MOTORSPORTS INC (Continued)** **S124400294**

City,State,Zip: SOUTH EL MONTE, CA 917331520

NAICS:

EPA ID: CAL000312233
Create Date: 2006-10-04 14:30:40
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 2006-10-04 14:30:40
Inactive Date: 2017-06-30 00:00:00
Facility Name: RANZ MOTORSPORTS INC
Facility Address: 2200 N ROSEMEAD BLVD
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: 19
Facility State: CA
Facility Zip: 917331520

---

**A27** **PACIFIC COAST DRUM CO** **EMI** **S106836984**
**2200-26 N ROSEMEAD BL** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 27 of 42 in cluster A**

**Relative: Lower**
**Actual: 235 ft.**

EMI:

Name: PACIFIC COAST DRUM CO
Address: 2200-26 N ROSEMEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 10018
Air District Name: SC
SIC Code: 5085
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 87
Reactive Organic Gases Tons/Yr: 86
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PACIFIC COAST DRUM CO
Address: 2200-26 N ROSEMEAD BL
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 10018
Air District Name: SC
SIC Code: 5085
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 85

**PACIFIC COAST DRUM CO (Continued)** **S106836984**

| | |
|---|---|
| Reactive Organic Gases Tons/Yr: | 84 |
| Carbon Monoxide Emissions Tons/Yr: | 1 |
| NOX - Oxides of Nitrogen Tons/Yr: | 3 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

---

**B28** **AQUADEW INC** **LOS ANGELES CO. HMS** **U003062044**
**9431 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 1 of 11 in cluster B**

**Relative:** **Lower**
**Actual:** **235 ft.**

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | AQUADEW INC |
| Address: | 9431 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 917331534 |
| Region: | LA |
| Permit Category: | Not reported |
| Facility Id: | 006094-024139 |
| Facility Type: | Not reported |
| Facility Status: | OPEN |
| Area: | 3U |
| Permit Number: | Not reported |
| Permit Status: | Not reported |

---

**B29** **F & S PICTURE FRAMES** **WIP** **S106765597**
**9431 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 2 of 11 in cluster B**

**Relative:** **Lower**
**Actual:** **235 ft.**

WIP:

| | |
|---|---|
| Name: | F & S PICTURE FRAMES |
| Address: | 9431 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0916 |
| **File Status:** | **Historical** |
| Staff: | GMM |
| Facility Suite: | Not reported |

---

**B30** **F & S PICTURE FRAMES** **EMI** **S104538078**
**9431 E RUSH ST** **LOS ANGELES CO. HMS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**1 ft.**

**Site 3 of 11 in cluster B**

**Relative:** **Lower**
**Actual:** **235 ft.**

EMI:

| | |
|---|---|
| Name: | F & S PICTURE FRAMES, F DUENAS |
| Address: | 9431 E RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |

**F & S PICTURE FRAMES (Continued)** **S104538078**

| | |
|---|---|
| Facility ID: | 6747 |
| Air District Name: | SC |
| SIC Code: | 2521 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 4 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | F & S PICTURE FRAMES, F DUENAS |
| Address: | 9431 E RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1990 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 6747 |
| Air District Name: | SC |
| SIC Code: | 3952 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | F & S PICTURE FRAMES |
| Address: | 9431 E RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1993 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 6747 |
| Air District Name: | SC |
| SIC Code: | 3952 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | F & S PICTURE FRAMES |
| Address: | 9431 E RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

**F & S PICTURE FRAMES (Continued)** **S104538078**

| | |
|---|---|
| Year: | 1995 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 6747 |
| Air District Name: | SC |
| SIC Code: | 3952 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | MEADOW WASH INC |
| Address: | 9431 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 917331534 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 006094-I06309 |
| Facility Type: | 00 |
| Facility Status: | Closed |
| Area: | 3U |
| Permit Number: | 000003761 |
| Permit Status: | Closed |

---

**A31** **JOHN B. MOORE CORP.-WESTERN** **SWEEPS UST** **S105034952**
**West** **2128 N ROSEMEAD BLVD** **LOS ANGELES CO. HMS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **WIP**
**0.007 mi.**
**35 ft.** **Site 28 of 42 in cluster A**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | CHEMRITE CORP |
| Address: | 2128 N ROSEMEAD BLVD |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 12838 |
| Number: | 9 |
| Board Of Equalization: | Not reported |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | Not reported |
| Tank Status: | Not reported |
| Capacity: | Not reported |
| Active Date: | Not reported |
| Tank Use: | Not reported |
| STG: | Not reported |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

**JOHN B. MOORE CORP.-WESTERN (Continued)** **S105034952**

LOS ANGELES CO. HMS:
Name: CHEMRITE CORP
Address: 2128 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 012668-012838
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00004629T
Permit Status: Removed

WIP:
Name: JOHN B. MOORE CORP.-WESTERN
Address: 2128 N Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0084
**File Status: Active**
Staff: CORTEZ
Facility Suite: Not reported

---

**A32** **CHEMRITE CORPORATION** **CPS-SLIC** **S106833546**
**West** **2128 NO ROSEMEAD BLVD** **HIST UST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **EMI**
**0.007 mi.** **CERS**
**35 ft.** **Site 29 of 42 in cluster A**

**Relative:** **Lower**
**Actual:** **235 ft.**

CPS-SLIC:
Name: JOHN B. MOORE CORP.-WESTERN
Address: 2128 N. ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status: Open - Inactive**
Status Date: 08/06/2014
Global Id: SL603798706
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0535067750031
Longitude: -118.063789882278
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0084
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:
Name: CHEMRITE CORPORATION
Address: 2128 NO ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733

**CHEMRITE CORPORATION (Continued)** **S106833546**

| | |
|---|---|
| File Number: | 00026CC6 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026CC6.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |
| Total Tanks: | Not reported |
| | |
| Tank Num: | Not reported |
| Container Num: | Not reported |
| Year Installed: | Not reported |
| Tank Capacity: | Not reported |
| Tank Used for: | Not reported |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

Click here for Geo Tracker PDF:

EMI:

| | |
|---|---|
| Name: | JOHN B MOORE CORP |
| Address: | 2128 N ROSEMEAD BL |
| City,State,Zip: | S EL MONTE, CA 91733 |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 45459 |
| Air District Name: | SC |
| SIC Code: | 2841 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

CERS:

| | |
|---|---|
| Name: | JOHN B. MOORE CORP.-WESTERN |
| Address: | 2128 N. ROSEMEAD BLVD. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 246221 |
| CERS ID: | SL603798706 |
| CERS Description: | Cleanup Program Site |

**A33**
**West**
**< 1/8**
**0.007 mi.**
**35 ft.**

**CHEMRITE CORPORATION**
**2128 ROSEMEAD BLVD**
**SOUTH EL MONTE, CA 91733**

**Site 30 of 42 in cluster A**

**HIST UST** **U001569443**
**ENF** **N/A**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

HIST UST:

| | |
|---|---|
| Name: | CHEMRITE CORPORATION |
| Address: | 2128 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000041153 |
| Facility Type: | Other |
| Other Type: | CHEM. COMPOUNDING |
| Contact Name: | Not reported |
| Telephone: | 2137578203 |
| Owner Name: | H.C. ROSS |
| Owner Address: | 1401 SHERRILL STREET |
| Owner City,St,Zip: | ANAHEIM, CA 92804 |
| Total Tanks: | 0002 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1968 |
| Tank Capacity: | 00004000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual |
| | |
| Tank Num: | 002 |
| Container Num: | 2 |
| Year Installed: | Not reported |
| Tank Capacity: | 00008000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual |

ENF:

| | |
|---|---|
| Name: | CHEMRITE CORPORATION |
| Address: | 2128 ROSEMEAD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 214159 |
| Agency Name: | Chemrite Corporation |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.053041 |
| Place Longitude: | -118.06422 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |

**CHEMRITE CORPORATION (Continued)** **U001569443**

| | |
|---|---|
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070084 |
| Reg Measure Id: | 154495 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 229443 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 10/08/1999 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 10/08/1999 |

**CHEMRITE CORPORATION (Continued)** **U001569443**

| | |
|---|---|
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070084 |
| Description: | Notice of Violation sent 10/8/99 for FTS preliminary groundwater investigation workplan. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | CHEMRITE CORPORATION |
| Address: | 2128 ROSEMEAD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 214159 |
| Agency Name: | Chemrite Corporation |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.053041 |
| Place Longitude: | -118.06422 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070084 |

**CHEMRITE CORPORATION (Continued)** **U001569443**

| | |
|---|---|
| Reg Measure Id: | 154495 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 229226 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Staff Enforcement Letter |
| Effective Date: | 08/18/1999 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 08/18/1999 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070084 |
| Description: | Level 1 enforcement letter sent 8/18/99 for FTS preliminary groundwater investigation workplan. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

**A34**
**West**
**< 1/8**
**0.007 mi.**
**35 ft.**

**MOORE JOHN B CORP**
**2128 N ROSEMEAD BLVD**
**SOUTH EL MONTE, CA 91733**

**RCRA-SQG**
**FINDS**
**ECHO**

**1000355065**
**CAD077959997**

**Site 31 of 42 in cluster A**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | MOORE JOHN B CORP |
| Facility address: | 2128 N ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD077959997 |
| Mailing address: | PO BOX 65<br>SOUTH AMBOY, NJ 08879 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | HILLARD ROSS |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |

**MOORE JOHN B CORP (Continued)** **1000355065**

| | |
|---|---|
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Historical Generators:

| | |
|---|---|
| Date form received by agency: | 1980-11-18 00:00:00.0 |
| Site name: | MOORE JOHN B CORP |
| Classification: | Large Quantity Generator |
| Violation Status: | No violations found |

FINDS:

| | |
|---|---|
| Registry ID: | 110002659203 |
| Facility URL: | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002659203 |

Environmental Interest/Information System:

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

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

ECHO:

| | |
|---|---|
| Envid: | 1000355065 |
| Registry ID: | 110002659203 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002659203 |
| Name: | MOORE JOHN B CORP |
| Address: | 2128 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

---

**B35** **AEZ CORP.** **WIP** **S106765383**
**SSE** **9457 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.007 mi.**
**35 ft.** **Site 4 of 11 in cluster B**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

WIP:

| | |
|---|---|
| Name: | AEZ CORP. |
| Address: | 9457 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0593 |
| **File Status:** | **Historical** |
| Staff: | GMM |

**AEZ CORP. (Continued)** **S106765383**

Facility Suite: Not reported

---

**C36** **BUDCO** **WIP** **S102823602**
**NW** **2310 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.007 mi.**
**37 ft.** **Site 1 of 6 in cluster C**

**Relative:** **Higher**
**Actual:** **237 ft.**

WIP:
Name: BUDCO
Address: 2310 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0668
**File Status:** **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

---

**C37** **WOODS JACK UNION SERVICE** **EDR Hist Auto** **1009051463**
**NW** **2305 S ROSEMEAD BLVD** **N/A**
**< 1/8** **PASADENA, CA**
**0.016 mi.**
**85 ft.** **Site 2 of 6 in cluster C**

**Relative:** **Lower**
**Actual:** **236 ft.**

EDR Hist Auto

| Year: | Name: | Type: |
|---|---|---|
| 1956 | WOODS JACK UNION SERVICE | GASOLINE STATIONS |

---

**B38** **ASTRO SEAL, INC.** **CPS-SLIC** **S106484569**
**South** **9444 RUSH ST** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.017 mi.**
**89 ft.** **Site 5 of 11 in cluster B**

**Relative:** **Lower**
**Actual:** **234 ft.**

CPS-SLIC:
Name: ASTRO SEAL, INC.
Address: 9444 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Open - Inactive**
Status Date: 08/08/2014
Global Id: SL603798758
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0514384344381
Longitude: -118.062458269836
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0590
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

**ASTRO SEAL, INC. (Continued)** **S106484569**

Click here to access the California GeoTracker records for this facility:

WIP:
Name: ASTRO SEAL, INC.
Address: 9444 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0590
**File Status: Active**
Staff: REHE
Facility Suite: Not reported

CERS:
Name: ASTRO SEAL, INC.
Address: 9444 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 195630
CERS ID: SL603798758
CERS Description: Cleanup Program Site

---

**D39** **L.G.M. COMPANY** **HIST UST** **U001569473**
**NE** **2211 CHICO AVE** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.019 mi.**
**99 ft.** **Site 1 of 9 in cluster D**

**Relative: Higher**
**Actual: 239 ft.**

HIST UST:
Name: LGM COMPANY
Address: 2211 CHICO
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 0002886F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002886F.pdf
Region: STATE
Facility ID: 00000007768
Facility Type: Other
Other Type: FERT. CO.
Contact Name: Not reported
Telephone: 8184488042
Owner Name: WILLIS F. LAUGHMAN
Owner Address: 2031 E. LARKWOOD
Owner City,St,Zip: WEST COVINA, CA 91791
Total Tanks: 0001

Tank Num: 001
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

WIP:

**L.G.M. COMPANY (Continued)** **U001569473**

Name: L.G.M. COMPANY
Address: 2211 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0206
**File Status: Historical**
Staff: MM
Facility Suite: Not reported

---

**D40** **L G M** **SWEEPS UST** **S102058576**
**NE** **2211 CHICO AVE** **LOS ANGELES CO. HMS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.019 mi.**
**99 ft.** **Site 2 of 9 in cluster D**

**Relative: Higher**
**Actual: 239 ft.**

SWEEPS UST:
Name: L G M
Address: 2211 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14001
Number: 9
Board Of Equalization: 44-010321
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014001-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

LOS ANGELES CO. HMS:
Name: L G M
Address: 2211 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 013605-014001
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00005451T
Permit Status: Removed

CERS:
Name: H Y SEAFOOD INC
Address: 2211 1/2 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 121335
CERS ID: 10282915
CERS Description: Chemical Storage Facilities

**L G M (Continued)** **S102058576**

Violations:

| | |
|---|---|
| Site ID: | 121335 |
| Site Name: | H Y SEAFOOD INC |
| Violation Date: | 05-28-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | OBSERVATION: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 121335 |
| Site Name: | H Y SEAFOOD INC |
| Violation Date: | 05-28-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 121335 |
| Site Name: | H Y SEAFOOD INC |
| Violation Date: | 08-11-2017 |
| Citation: | HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507 |
| Violation Description: | Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 01/22/2018. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Reportable Haz Mat: propane - 4 x 356 cubic feet, total 1,424 cubic feet |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-11-2017 |
| Violations Found: | Yes |

**L G M (Continued)** **S102058576**

Eval Type: Routine done by local agency
Eval Notes: Vicky Liang, Officer
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-22-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; HMBP completed and accepted on 12/22/17; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: cers submittal required update CERS
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; HMBP submitted; Owner/Operator missing email; Site Map missing business name and address; called Vicky Liang to correct; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 121335
Site Name: H Y SEAFOOD INC
Site Address: 2211 1/2 CHICO AVE
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 05-28-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

**L G M (Continued)** **S102058576**

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | H Y Seafood Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2211-1/2 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | H Y Seafood Inc |
| Entity Title: | Not reported |
| Affiliation Address: | 2211 1/2 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 575-1801 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | VICKY LIANG |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 575-1801 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | VICKY LIANG |
| Entity Title: | Not reported |
| Affiliation Address: | 2211 1/2 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |

**L G M (Continued)** **S102058576**

Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

---

**B41** **SECURITY PAPER TUBE, INC.** **WIP** **S106766200**
**South** **9436 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.020 mi.**
**105 ft.** **Site 6 of 11 in cluster B**

**Relative:** **Lower**
**Actual:** **234 ft.**

WIP:
Name: SECURITY PAPER TUBE, INC.
Address: 9436 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2193
**File Status:** **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**B42** **MAXTRADE** **WIP** **S106765832**
**South** **9436 RUSH ST** **CERS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.020 mi.**
**105 ft.** **Site 7 of 11 in cluster B**

**Relative:** **Lower**
**Actual:** **234 ft.**

WIP:
Name: SUN CITY FASHION, INC.
Address: 9436 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1301
**File Status:** **Historical**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: MAXTRADE
Address: 9436 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 479629
CERS ID: 110054081943
CERS Description: US EPA Air Emission Inventory System (EIS)

**A43** **ROSEMEAD AUTO RECYCLER INC** **WIP** **S106765397**
**West** **2120 ROSEMEAD** **CIWQS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.021 mi.**
**109 ft.** **Site 32 of 42 in cluster A**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

WIP:

| | |
|---|---|
| Name: | B&V AUTO SALVAGE |
| Address: | 2120 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0614 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

CIWQS:

| | |
|---|---|
| Name: | ROSEMEAD AUTO RECYCLER INC |
| Address: | 2120 ROSEMEAD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Agency: | Rosemead Auto Recycler Inc |
| Agency Address: | 2120 Rosemead Blvd, South El Monte, CA 91733 |
| Place/Project Type: | Industrial - Motor Vehicle Parts, Used |
| SIC/NAICS: | 5015 |
| Region: | 4 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 4 19I021358 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 12/20/2007 |
| Termination Date: | 03/15/2013 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 34.05297 |
| Longitude: | -118.06422 |

---

**B44** **GILMORE LIQUID AIR COMPANY** **HIST UST** **U001569461**
**SSE** **9503 RUSH ST** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.021 mi.**
**112 ft.** **Site 8 of 11 in cluster B**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

HIST UST:

| | |
|---|---|
| Name: | GILMORE LIQUID AIR COMPANY |
| Address: | 9503 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000003954 |
| Facility Type: | Other |

**GILMORE LIQUID AIR COMPANY (Continued)** **U001569461**

Other Type: Not reported
Contact Name: VIRGINIA M. GREGORY
Telephone: 7146299423
Owner Name: GILMORE LIQUID AIR COMPANY
Owner Address: 9503 E. RUSH ST.
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000950
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

WIP:
Name: GILMORE LIQUID AIR COMPANY
Address: 9503 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0161
**File Status: Historical**
Staff: GMM
Facility Suite: Not reported

---

**B45** **GILMORE LIQUID AIR CO.** **LUST** **S101298167**
**SSE** **9503 RUSH ST E** **Cortese** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91773** **HIST CORTESE**
**0.021 mi.**
**112 ft.** **Site 9 of 11 in cluster B**

**Relative:** **Lower**
**Actual:** **236 ft.**

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-11693
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603703833
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: ROSEMEAD
Enforcement Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters
Date Leak Discovered: 11/29/1989
Date Leak First Reported: 5/4/1990
Date Leak Record Entered: 6/12/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 11/29/1989
Date Case Last Changed on Database: 2/14/1995
Date the Case was Closed: 2/14/1995

**GILMORE LIQUID AIR CO. (Continued)** **S101298167**

| | |
|---|---|
| How Leak Discovered: | Tank Closure |
| How Leak Stopped: | Not reported |
| Cause of Leak: | UNK |
| Leak Source: | UNK |
| Operator: | GILMORE, JIM |
| Water System: | Not reported |
| Well Name: | Not reported |
| Approx. Dist To Production Well (ft): | 1596.90899357434195539494383 11 |
| Source of Cleanup Funding: | UNK |
| Preliminary Site Assessment Workplan Submitted: | Not reported |
| Preliminary Site Assessment Began: | 11/21/1989 |
| Pollution Characterization Began: | Not reported |
| Remediation Plan Submitted: | Not reported |
| Remedial Action Underway: | Not reported |
| Post Remedial Action Monitoring Began: | Not reported |
| Enforcement Action Date: | 1/1/1965 |
| Historical Max MTBE Date: | Not reported |
| Hist Max MTBE Conc in Groundwater: | Not reported |
| Hist Max MTBE Conc in Soil: | Not reported |
| Significant Interim Remedial Action Taken: | Not reported |
| GW Qualifier: | Not reported |
| Soil Qualifier: | Not reported |
| Organization: | Not reported |
| Owner Contact: | Not reported |
| Responsible Party: | GILMORE LIQUID AIR CO. |
| RP Address: | 9503 E. RUSH ST., SOUTH EL MONTE, CA 91773 |
| Program: | LUST |
| Lat/Long: | 34.0519365 / -1 |
| Local Agency Staff: | Not reported |
| Beneficial Use: | Not reported |
| Priority: | Not reported |
| Cleanup Fund Id: | Not reported |
| Suspended: | Not reported |
| Assigned Name: | Not reported |
| Summary: | Not reported |

LUST:

| | |
|---|---|
| Name: | GILMORE LIQUID AIR CO. |
| Address: | 9503 RUSH ST E |
| City,State,Zip: | SOUTH EL MONTE, CA 91773 |
| Lead Agency: | LOS ANGELES COUNTY |
| Case Type: | LUST Cleanup Site |
| Geo Track: | http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703833 |
| Global Id: | T0603703833 |
| Latitude: | 34.052325 |
| Longitude: | -118.062052 |
| Status: | Completed - Case Closed |
| Status Date: | 02/14/1995 |
| Case Worker: | JOA |
| RB Case Number: | I-11693 |
| Local Agency: | LOS ANGELES COUNTY |
| File Location: | Not reported |
| Local Case Number: | Not reported |
| Potential Media Affect: | Other Groundwater (uses other than drinking water) |
| Potential Contaminants of Concern: | Gasoline |
| Site History: | Not reported |

**GILMORE LIQUID AIR CO. (Continued)** **S101298167**

LUST:
Global Id: T0603703833
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703833
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603703833
Action Type: Other
Date: 11/29/1989
Action: Leak Discovery

Global Id: T0603703833
Action Type: Other
Date: 11/29/1989
Action: Leak Stopped

Global Id: T0603703833
Action Type: Other
Date: 05/04/1990
Action: Leak Reported

LUST:
Global Id: T0603703833
Status: Open - Case Begin Date
Status Date: 11/21/1989

Global Id: T0603703833
Status: Open - Site Assessment
Status Date: 11/21/1989

Global Id: T0603703833
Status: Completed - Case Closed
Status Date: 02/14/1995

CORTESE:
Name: GILMORE LIQUID AIR CO.
Address: 9503 RUSH ST E
City,State,Zip: SOUTH EL MONTE, CA 91773
Region: CORTESE
Envirostor Id: Not reported

**GILMORE LIQUID AIR CO. (Continued)** **S101298167**

| | |
|---|---|
| Global ID: | T0603703833 |
| Site/Facility Type: | LUST CLEANUP SITE |
| Cleanup Status: | COMPLETED - CASE CLOSED |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | active |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

HIST CORTESE:

| | |
|---|---|
| edr_fname: | GILMORE LIQUID AIR CO. |
| edr_fadd1: | 9503 RUSH |
| City,State,Zip: | SOUTH EL MONTE, CA 91773 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | I-11693 |

---

**B46** **ASTRO SEAL INC** **RCRA-SQG** **1000593323**
**SSE** **9452 E RUSH ST** **FINDS** **CAD982439572**
**< 1/8** **S EL MONTE, CA 91733** **ECHO**
**0.021 mi.** **EMI**
**112 ft.** **Site 10 of 11 in cluster B** **LOS ANGELES CO. HMS**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1991-03-25 00:00:00.0 |
| Facility name: | ASTRO SEAL INC |
| Facility address: | 9452 E RUSH ST<br>S EL MONTE, CA 91733 |
| EPA ID: | CAD982439572 |
| Mailing address: | E RUSH ST<br>S EL MONTE, CA 91733 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 9452 E RUSH ST<br>S EL MONTE, CA 91733 |
| Contact country: | US |
| Contact telephone: | 818-442-1440 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

**ASTRO SEAL INC (Continued)** **1000593323**

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | ROGER HAMMER |
| Owner/operator address: | NOT REQUIRED |
| | NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED |
| | NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

| | |
|---|---|
| Registry ID: | 110002812886 |
| Facility URL: | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002812886 |

Environmental Interest/Information System:

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

**ASTRO SEAL INC (Continued)** **1000593323**

corrective action activities required under RCRA.

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

ECHO:

| | |
|---|---|
| Envid: | 1000593323 |
| Registry ID: | 110002812886 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002812886 |
| Name: | ASTRO SEAL INC |
| Address: | 9452 E RUSH ST |
| City,State,Zip: | S EL MONTE, CA 91733 |

EMI:

| | |
|---|---|
| Name: | ASTRO SEAL INC |
| Address: | 9452 E RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 50469 |
| Air District Name: | SC |
| SIC Code: | 3679 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | ASTRO-SEAL INC |
| Address: | 9452 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 001339-I01402 |
| Facility Type: | 01 |
| Facility Status: | Closed |
| Area: | 3U |
| Permit Number: | 000005675 |
| Permit Status: | Closed |

---

**A47** **ROSEMEAD MACNINERY COMPANY** **WIP** **S106765935**
**West** **2129 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.028 mi.**
**149 ft.** **Site 33 of 42 in cluster A**

**Relative:** **Lower**

**Actual:** **234 ft.**

WIP:

| | |
|---|---|
| Name: | ROSEMEAD MACNINERY COMPANY |
| Address: | 2129 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

**ROSEMEAD MACNINERY COMPANY (Continued)** **S106765935**

Region: 4
File Number: 107.1464
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**B48** **SEMCO WINDOWS** **WIP** **S106765963**
**SSE** **9509 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.029 mi.**
**153 ft.** **Site 11 of 11 in cluster B**

**Relative:** WIP:
**Lower**
Name: SEMCO WINDOWS
**Actual:** Address: 9509 Rush St
**236 ft.** City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1502
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**E49** **UNOCAL CORP SS 3520** **SWEEPS UST** **U002279099**
**SSW** **9408 RUSH ST** **LOS ANGELES CO. HMS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.031 mi.**
**165 ft.** **Site 1 of 14 in cluster E**

**Relative:** SWEEPS UST:
**Lower**
Name: UNOCAL CORP SS 3520
**Actual:** Address: 9408 E RUSH ST
**234 ft.** City: SOUTH EL MONTE
Status: Active
Comp Number: 3664
Number: 9
Board Of Equalization: 44-001057
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-003664-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Name: UNOCAL CORP SS 3520
Address: 9408 E RUSH ST
City: SOUTH EL MONTE
Status: Active
Comp Number: 3664
Number: 9
Board Of Equalization: 44-001057

**UNOCAL CORP SS 3520 (Continued)** **U002279099**

Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-003664-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: UNOCAL CORP SS 3520
Address: 9408 E RUSH ST
City: SOUTH EL MONTE
Status: Active
Comp Number: 3664
Number: 9
Board Of Equalization: 44-001057
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-003664-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Name: UNOCAL CORP SS 3520
Address: 9408 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 003542-003664
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00001382T
Permit Status: Removed

Name: UNOCAL CORP SS 3520
Address: 9408 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 003542-I03664
Facility Type: 01
Facility Status: Removed
Area: 3U
Permit Number: 000002315
Permit Status: Removed

**UNOCAL CORP SS 3520 (Continued)** **U002279099**

| | |
|---|---|
| Name: | UNOCAL CORP SS 3520 |
| Address: | 9408 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | Not reported |
| Facility Id: | 009018-003644 |
| Facility Type: | Not reported |
| Facility Status: | OPEN |
| Area: | 3U |
| Permit Number: | Not reported |
| Permit Status: | Not reported |

---

**E50** **PILA** **EDR Hist Auto** **1021889315**
**SSW** **9408 RUSH ST** **N/A**
**< 1/8** **EL MONTE, CA 91733**
**0.031 mi.**
**165 ft.** **Site 2 of 14 in cluster E**

**Relative:** EDR Hist Auto
**Lower**

**Actual:**
**234 ft.**

| Year: | Name: | Type: |
|---|---|---|
| 1986 | PILA | General Automotive Repair Shops |
| 1987 | PILA | General Automotive Repair Shops |
| 1988 | PILA | General Automotive Repair Shops |
| 1989 | PILA | General Automotive Repair Shops |
| 1990 | PILA | General Automotive Repair Shops |
| 1993 | PILA | General Automotive Repair Shops |
| 1993 | ALDON 76 SERVICE STATION | Gasoline Service Stations |
| 1994 | ALDON 76 SERVICE STATION | Gasoline Service Stations |
| 1994 | PILA | General Automotive Repair Shops |
| 1995 | PILA | General Automotive Repair Shops |
| 1996 | PILA | General Automotive Repair Shops |

---

**E51** **UNOCAL #3520** **LUST** **S101296145**
**SSW** **9408 RUSH ST E** **Cortese** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **HIST CORTESE**
**0.031 mi.** **CERS**
**165 ft.** **Site 3 of 14 in cluster E**

**Relative:** LUST REG 4:
**Lower**

**Actual:**
**234 ft.**

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | R-03664 | |
| Status: | Case Closed | |
| Substance: | Gasoline | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Groundwater | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603704623 | |
| W Global ID: | Not reported | |
| Staff: | JFL | |
| Local Agency: | 19000 | |
| Cross Street: | ROSEMEAD BLVD | |
| Enforcement Type: | Not reported | |

**UNOCAL #3520 (Continued)** **S101296145**

| | | |
|---|---|---|
| Date Leak Discovered: | 6/26/1995 | |
| Date Leak First Reported: | | 5/11/1988 |
| Date Leak Record Entered: | 5/31/1988 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | 6/8/1995 | |
| Date Case Last Changed on Database: | | 7/3/2002 |
| Date the Case was Closed: | | 2/15/2002 |
| How Leak Discovered: | Tank Closure | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | UNK | |
| Leak Source: | UNK | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 1016.70194730782751517926115 82 |
| Source of Cleanup Funding: | | UNK |
| Preliminary Site Assessment Workplan Submitted: | | 6/26/1995 |
| Preliminary Site Assessment Began: | | 7/8/1996 |
| Pollution Characterization Began: | | 7/19/1997 |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | Not reported |
| Historical Max MTBE Date: | | 11/25/1997 |
| Hist Max MTBE Conc in Groundwater: | | 2200 |
| Hist Max MTBE Conc in Soil: | | Not reported |
| Significant Interim Remedial Action Taken: | | Not reported |
| GW Qualifier: | Not reported | |
| Soil Qualifier: | Not reported | |
| Organization: | Not reported | |
| Owner Contact: | Not reported | |
| Responsible Party: | DENNIS CARLSON | |
| RP Address: | 376 S. VALENCIA AVE. | |
| Program: | LUST | |
| Lat/Long: | 34.0517095 / -1 | |
| Local Agency Staff: | Not reported | |
| Beneficial Use: | Not reported | |
| Priority: | LOP/MODERATE - POTENTIAL WATER IMPACT | |
| Cleanup Fund Id: | Not reported | |
| Suspended: | Not reported | |
| Assigned Name: | Not reported | |
| Summary: | 4 USTS REMOVED 1968, 3 USTS REMOVED 9/94 ; 10/6/00 3RD QTR GW MON RPT 2000; 12/31/00 4TH QTR GW MON RPT 2000; 4/13/01 1ST QTR VE SYSTEM O&M RPT | |

LUST:

| | |
|---|---|
| Name: | UNOCAL #3520 |
| Address: | 9408 RUSH ST E |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Case Type: | LUST Cleanup Site |
| Geo Track: | http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704623 |
| Global Id: | T0603704623 |
| Latitude: | 34.0517095 |
| Longitude: | -118.0640062 |
| Status: | Completed - Case Closed |
| Status Date: | 02/15/2002 |

**UNOCAL #3520 (Continued)** **S101296145**

Case Worker: JFL
RB Case Number: R-03664
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603704623
Contact Type: Regional Board Caseworker
Contact Name: JOE F. LUERA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH STREET, SUITE 200
City: LOS ANGELES
Email: joe.luera@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603704623
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

LUST:
Global Id: T0603704623
Action Type: Other
Date: 06/26/1995
Action: Leak Discovery

Global Id: T0603704623
Action Type: Other
Date: 06/08/1995
Action: Leak Stopped

Global Id: T0603704623
Action Type: Other
Date: 05/11/1988
Action: Leak Reported

LUST:
Global Id: T0603704623
Status: Open - Case Begin Date
Status Date: 05/11/1988

Global Id: T0603704623
Status: Open - Site Assessment
Status Date: 06/26/1995

Global Id: T0603704623
Status: Open - Site Assessment
Status Date: 07/08/1996

**UNOCAL #3520 (Continued)** **S101296145**

Global Id: T0603704623
Status: Open - Site Assessment
Status Date: 07/19/1997

Global Id: T0603704623
Status: Completed - Case Closed
Status Date: 02/15/2002

CORTESE:
Name: UNOCAL #3520
Address: 9408 RUSH ST E
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603704623
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: UNOCAL #3520
edr_fadd1: 9408 RUSH
City,State,Zip: EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: R-03664

CERS:
Name: UNOCAL #3520
Address: 9408 RUSH ST E
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 245825
CERS ID: T0603704623
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported

**UNOCAL #3520 (Continued)** **S101296145**

| | |
|---|---|
| Affiliation Address: | 900 S FREMONT AVE |
| Affiliation City: | ALHAMBRA |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 6264583507 |
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JOE F. LUERA - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH STREET, SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**E52** **SERVICE STATION 3520** **HIST UST** **U001569496**
**SSW** **9408 RUSH STREET** **N/A**
**< 1/8** **ROSEMEAD, CA 91733**
**0.031 mi.**
**165 ft.** **Site 4 of 14 in cluster E**

**Relative:** **Lower**

**Actual:** **234 ft.**

HIST UST:

| | |
|---|---|
| Name: | SERVICE STATION 3520 |
| Address: | 9408 RUSH STREET |
| City,State,Zip: | ROSEMEAD, CA 91733 |
| File Number: | 00029221 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029221.pdf |
| Region: | STATE |
| Facility ID: | 00000019090 |
| Facility Type: | Gas Station |
| Other Type: | Not reported |
| Contact Name: | ORLANDO PILA |
| Telephone: | 8184434077 |
| Owner Name: | UNION OIL COMPANY OF CALIFORNI |
| Owner Address: | 3701 WILSHIRE BOULEVARD-SUITE |
| Owner City,St,Zip: | LOS ANGELES, CA 90010 |
| Total Tanks: | 0003 |
| Tank Num: | 001 |
| Container Num: | 3520-1 |
| Year Installed: | 1968 |
| Tank Capacity: | 00009940 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor, Pressure Test, 10 |
| Tank Num: | 002 |
| Container Num: | 3520-2 |
| Year Installed: | 1968 |
| Tank Capacity: | 00009940 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | PREMIUM |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor, Pressure Test, 10 |

**SERVICE STATION 3520 (Continued)** **U001569496**

| | |
|---|---|
| Tank Num: | 003 |
| Container Num: | 3520-4 |
| Year Installed: | 1968 |
| Tank Capacity: | 00000550 |
| Tank Used for: | WASTE |
| Type of Fuel: | WASTE OIL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor, Pressure Test, 10 |

Click here for Geo Tracker PDF:

---

**E53** **GENE & DICK'S UNION SERVICE** **EDR Hist Auto** **1008994399**
**SSW** **9408 E RUSH** **N/A**
**< 1/8** **EL MONTE, CA 91731**
**0.031 mi.**
**165 ft.** **Site 5 of 14 in cluster E**

**Relative:** EDR Hist Auto
**Lower**

**Actual:** **234 ft.**

| Year: | Name: | Type: |
|---|---|---|
| 1955 | GENE & DICK'S UNION SERVICE | Not reported |
| 1989 | ALDON 76 SERVICE STA | Gasoline Service Stations |
| 1990 | ALDON 76 SERVICE STA | Gasoline Service Stations |
| 1991 | PILA | General Automotive Repair Shops |
| 1991 | ALDON 76 SERVICE STA | Gasoline Service Stations |
| 1992 | ALDON 76 SERVICE STATION | Gasoline Service Stations |
| 1992 | PILA | General Automotive Repair Shops |

---

**E54** **UNION OIL SERVICE STAION 352** **HIST UST** **1000166940**
**SSW** **9408 RUSH STREET** **N/A**
**< 1/8** **EL MONTE, CA 91733**
**0.031 mi.**
**165 ft.** **Site 6 of 14 in cluster E**

**Relative:** HIST UST:
**Lower**

**Actual:** **234 ft.**

| | |
|---|---|
| Name: | UNION OIL SERVICE STAION 352 |
| Address: | 9408 RUSH STREET |
| City,State,Zip: | EL MONTE, CA 91733 |
| File Number: | 000282CE |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000282CE.pdf |
| Region: | STATE |
| Facility ID: | 00000055968 |
| Facility Type: | Gas Station |
| Other Type: | Not reported |
| Contact Name: | ORLANDO PILA |
| Telephone: | 8184434077 |
| Owner Name: | UNION OIL COMPANY OF CALIFORNI |
| Owner Address: | 3701 WILSHIRE BOULEVARD-SUITE |
| Owner City,St,Zip: | LOS ANGELES, CA 90010 |
| Total Tanks: | 0001 |
| | |
| Tank Num: | 001 |
| Container Num: | 3520-00 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000607 |
| Tank Used for: | WASTE |

**UNION OIL SERVICE STAION 352 (Continued)** **1000166940**

Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

---

**A55** **LONGS AUTOBODY** **CERS HAZ WASTE** **S113125900**
**West** **2121 N ROSEMEAD BLVD** **HAZNET** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **HWTS**
**0.033 mi.**
**174 ft.** **Site 34 of 42 in cluster A**

**Relative:**
**Lower**

**Actual:**
**234 ft.**

CERS HAZ WASTE:
Name: D & C AUTO BODY SHOP
Address: 2121 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 128652
CERS ID: 10298038
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 06-16-2016
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 05/23/2019. OBSERVATION: Waste waterborne paint solution and solvent- based waste (30-gal each) were found stored >180 days. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 12-12-2018
Citation: Un-Specified
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance
Violation Notes: Returned to compliance on 12/12/2018. OBSERVATION: Owner/Operator failed to obtain or maintain an active permit. CORRECTIVE ACTION: Every business or business concern within the jurisdiction of the LACoCUPA and subject to one or more of the program elements shall be required to apply for, pay the permit fees, and obtain from the

**LONGS AUTOBODY (Continued)** **S113125900**

LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. The permit required under this section shall be posted and conspicuously displayed at the location falling under the requirements of this chapter. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 06-16-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/19/2017. OBSERVATION: Owner/Operator failed to submit the hazardous waste notification electronically to CERS. CORRECTIVE ACTION: Owner/Operator shall submit a notification of hazardous waste generated by the facility in accordance with HSC 25128 electronically to CERS. HSC 25404(e)(4) No later than three years after the statewide information management system is established, each CUPA, PA, and regulated business shall report program data electronically. The secretary shall work with the CUPAs to develop a phased in schedule for the electronic collection and submittal of information to be included in the statewide information management system, giving first priority to information relating to those chemicals determined by the secretary to be of greatest concern. The secretary, in making this determination shall consult with the CUPAs, the California Emergency Management Agency, the State Fire Marshal, and the boards, departments, and offices within the California [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 06-16-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 11/15/2017. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA 30 days from now.

**LONGS AUTOBODY (Continued)** **S113125900**

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 05-23-2019
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number under the new owner.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 06-16-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 11/15/2017. OBSERVATION: One empty solvent drum (30-gal) did not have an EMPTY label. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 12-12-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/23/2019. OBSERVATION: Owner/Operator failed to submit the hazardous waste notification electronically to CERS. CORRECTIVE ACTION: Owner/Operator shall submit a notification of hazardous waste generated by the facility in accordance with HSC 25158 electronically to CERS. HSC 25404(e)(4) No later than three years after the statewide information management system is established, each CUPA, PA, and regulated business shall report program data electronically. The secretary shall work with the CUPAs to develop a phased in schedule for the electronic collection and submittal of information to be included in the statewide information management system, giving first priority to information relating to those

**LONGS AUTOBODY (Continued)** **S113125900**

chemicals determined by the secretary to be of greatest concern. The secretary, in making this determination shall consult with the CUPAs, the California Emergency Management Agency, the State Fire Marshal, and the boards, departments, and offices within the California [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 06-16-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/15/2017. OBSERVATION: Waste solvent and paint drums were incorrectly labeled with previous generator's information. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 12-12-2018
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 05/23/2019. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. oxygen - 281 cubic feet CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 128652
Site Name: D & C AUTO BODY SHOP
Violation Date: 12-12-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.

**LONGS AUTOBODY (Continued)** **S113125900**

| | |
|---|---|
| Violation Notes: | Returned to compliance on 05/23/2019. OBSERVATION: The clarifier wastewater and sludge located in the west end of the driveway were observed being stored in small barrels lined with trash bags and a proper waste determination has not been made. Spent spray booth filters were thrown in the trash according to the manager without a proper waste determination. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the wastewater and sludge have been properly characterized to determine if it is a hazardous waste. Perform a proper waste determination on future spent spray booth filters. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| Site ID: | 128652 |
| Site Name: | D & C AUTO BODY SHOP |
| Violation Date: | 12-12-2018 |
| Citation: | 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173 |
| Violation Description: | Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. |
| Violation Notes: | Returned to compliance on 05/23/2019. OBSERVATION: Plastic drain pan with used oil and a few used oil filters located in the hazardous waste storage bay was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that a container with a lid is being used and to keep it closed when not in use. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| Site ID: | 128652 |
| Site Name: | D & C AUTO BODY SHOP |
| Violation Date: | 05-23-2019 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Administration/Documentation - General |
| Violation Notes: | OBSERVATION: Owner/Operator failed to submit the hazardous waste notification electronically to CERS. CORRECTIVE ACTION: Owner/Operator shall submit a notification of hazardous waste generated by the facility in accordance with HSC 25158 electronically to CERS. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-23-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | BILL CHO |

**LONGS AUTOBODY (Continued)** **S113125900**

Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Mandy Zhou, Cashier
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-05-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Met with Mr. Xiao Dong Gao, Manager. CERS not done, could not understand English instructions; EPA ID application rejected and re-submitted; results pending. Mr. Gao given RV Fee Notice.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Mandy Zhou, Cashier
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Xiao Dong Gao, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2nd revisit, met with Mr. Gao; HW label applied to drums; empty drum used for waste paint/thinner; EPA ID active; waste paint/thinner not picked up; HW notification in CERS pending; followup in 2 weeks.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency

**LONGS AUTOBODY (Continued)** **S113125900**

Eval Notes: Revisit conducted with Xiaodong Gao; HW not yet disposed; he said he was too busy and Fire Dept can charge him the revisit fee; advised him to call a waste hauler on the spot during revisit, again he said he is too busy but will do so in one week.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2121 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Xiaodong gao
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (707) 799-4262

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Identification Signer
Entity Name: Xiaodong gao
Entity Title: Owener
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Xiaodong gao
Entity Title: Not reported
Affiliation Address: 2121 rosemead blvd
Affiliation City: South eL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733

**LONGS AUTOBODY (Continued)** **S113125900**

Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: D&c autobodyshop.inc
Entity Title: Not reported
Affiliation Address: 2121 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (707) 799-4262

Affiliation Type Desc: Parent Corporation
Entity Name: LA AUTO SOLUTION
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HAZNET:
Name: LONGS AUTOBODY
Address: 2121 N ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact: HOA NGUYEN
Telephone: 6264545126
Mailing Name: Not reported
Mailing Address: 2121 N ROSEMEAD BLVD

Year: 2003
Gepaid: CAL000268918
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.0576

Additional Info:
Year: 2003
Gen EPA ID: CAL000268918

Shipment Date: 20030423
Creation Date: 7/31/2003 18:30:54
Receipt Date: 20030423
Manifest ID: 22569809
Trans EPA ID: CAD008252405
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: Not reported
TSDF Alt EPA ID: CAD008252405

**LONGS AUTOBODY (Continued)** **S113125900**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.0576 |
| Waste Quantity: | 16 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

HWTS:

| | |
|---|---|
| Name: | LONGS AUTOBODY |
| Address: | 2121 N ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| EPA ID: | CAL000268918 |
| Inactive Date: | 06/30/2003 |
| Create Date: | 04/10/2003 |
| Last Act Date: | 03/28/2005 |
| Mailing Name: | Not reported |
| Mailing Address: | 2121 N ROSEMEAD BLVD |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Owner Name: | HOA NGUYEN |
| Owner Address: | 2121 N ROSEMEAD BLVD |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact Name: | HOA NGUYEN |
| Contact Address: | 2121 N ROSEMEAD BLVD |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000268918 |
| Create Date: | 2003-04-10 10:28:38 |
| NAICS Code: | 811111 |
| NAICS Description: | General Automotive Repair |
| Issued EPA ID Date: | 2003-04-10 10:28:38 |
| Inactive Date: | 2003-06-30 00:00:00 |
| Facility Name: | LONGS AUTOBODY |
| Facility Address: | 2121 N ROSEMEAD BLVD |
| Facility Address 2: | Not reported |
| Facility City: | SOUTH EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 917330000 |

**A56** **E&E AUTOMATIC TRANSMISSION** **WIP** **S106765556**
**West** **2121 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.033 mi.**
**174 ft.** **Site 35 of 42 in cluster A**

**Relative:** WIP:
**Lower**

**Actual:** Name: E&E AUTOMATIC TRANSMISSION
**234 ft.** Address: 2121 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0854
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**A57** **FU SING AUTO SERVICE** **EDR Hist Auto** **1020564253**
**West** **2121 ROSEMEAD BLVD** **N/A**
**< 1/8** **EL MONTE, CA 91733**
**0.033 mi.**
**174 ft.** **Site 36 of 42 in cluster A**

**Relative:** EDR Hist Auto
**Lower**

**Actual:**
**234 ft.**

| Year: | Name: | Type: |
|---|---|---|
| 1969 | JINX & BILLS AUTO SUPPLY | General Automotive Repair Shops |
| 1970 | JINX & BILLS AUTO SUPPLY | General Automotive Repair Shops |
| 1971 | JINX & BILLS AUTO SUPPLY | General Automotive Repair Shops |
| 1972 | JINX & BILLS AUTO SUPPLY | General Automotive Repair Shops |
| 1973 | JINX & BILLS AUTO SUPPLY | General Automotive Repair Shops |
| 1974 | JINX & BILLS AUTO SUPPLY | General Automotive Repair Shops |
| 1975 | JINX & BILLS AUTO SUPPLY | General Automotive Repair Shops |
| 1976 | JINX & BILLS AUTO SUPPLY | General Automotive Repair Shops |
| 1989 | E & E AUTOMATIC TRANSMSN PARTS | Automotive Transmission Repair Shops |
| 1990 | E & E AUTOMATIC TRANSMSN PARTS | Automotive Transmission Repair Shops |
| 1991 | E & E AUTOMATIC TRANSMSN PARTS | Automotive Transmission Repair Shops |
| 1992 | E & E AUTOMATIC TRANSMSN PARTS | Automotive Transmission Repair Shops |
| 1993 | FU SING AUTO SERVICE | General Automotive Repair Shops |
| 1994 | FU SING AUTO SERVICE | General Automotive Repair Shops |
| 1995 | PHILS CERTIFIED AUTO REPAIR | General Automotive Repair Shops |
| 1996 | PHILS CERTIFIED AUTO REPAIR | General Automotive Repair Shops |
| 1999 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2000 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2001 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2002 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2003 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2004 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2005 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2006 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2007 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2008 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2009 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2010 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2011 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2012 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2013 | LONGS AUTO COLLISION | General Automotive Repair Shops |
| 2014 | LONGS AUTO COLLISION | General Automotive Repair Shops |

**A58** **D & C AUTO BODY SHOP** **RCRA NonGen / NLR** **1024870295**
**West** **2121 ROSEMEAD BLVD** **CAL000438922**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.033 mi.**
**174 ft.** **Site 37 of 42 in cluster A**

**Relative:**
**Lower**

**Actual:**
**234 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2018-09-10 00:00:00.0 |
| Facility name: | D & C AUTO BODY SHOP |
| Facility address: | 2121 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAL000438922 |
| Contact: | RUIFENG ZHUO |
| Contact address: | 2121 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-378-2100 |
| Contact email: | DCAUTOBODYSHOP@GMAIL.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | RUIFENG ZHOU |
| Owner/operator address: | 704 S SIERRA VICTA AVE APT C<br>ALHAMNRA, CA 91801 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-417-5843 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | RUIFENG ZHUO |
| Owner/operator address: | 2121 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-378-2100 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |

**D & C AUTO BODY SHOP (Continued)** **1024870295**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

---

**A59** **BACHMANN PRECISION MACH. PROD.** **WIP** **S106765398**
**WSW** **2112 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.035 mi.**
**185 ft.** **Site 38 of 42 in cluster A**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

WIP:
Name: BACHMANN PRECISION MACH. PROD.
Address: 2112 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0615
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**A60** **BACHMANN PRECISION MACHINE** **CERS HAZ WASTE** **S113042245**
**WSW** **2112 NORTH ROSEMEAD BLVD** **HAZNET** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.035 mi.** **HWTS**
**185 ft.** **Site 39 of 42 in cluster A**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

CERS HAZ WASTE:
Name: BACHMANN PRECISION MACHINE
Address: 2112 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 10541
CERS ID: 10265515
CERS Description: Hazardous Waste Generator

HAZNET:
Name: BACHMANN PRECISION MACHINE
Address: 2112 NORTH ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact: GEORGE BACHMAN
Telephone: 6264424052
Mailing Name: Not reported
Mailing Address: 2112 ROSEMEAD BLVD

Year: 2015
Gepaid: CAL000050108
TSD EPA ID: CAD099452708
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.31275

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| Year: | 2012 |
| Gepaid: | CAL000050108 |
| TSD EPA ID: | CAD099452708 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 0.266 |
| Year: | 2011 |
| Gepaid: | CAL000050108 |
| TSD EPA ID: | IND000646943 |
| CA Waste Code: | 491 - Unspecified sludge waste |
| Disposal Method: | - |
| Tons: | 0.075 |
| Year: | 2011 |
| Gepaid: | CAL000050108 |
| TSD EPA ID: | IND000646943 |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Tons: | 0.561 |
| Year: | 2011 |
| Gepaid: | CAL000050108 |
| TSD EPA ID: | CAD981696420 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.2085 |
| Year: | 2009 |
| Gepaid: | CAL000050108 |
| TSD EPA ID: | CAD981696420 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.85485 |
| Year: | 2007 |
| Gepaid: | CAL000050108 |
| TSD EPA ID: | CAD981696420 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.39615 |
| Year: | 2006 |
| Gepaid: | CAL000050108 |
| TSD EPA ID: | CAD981696420 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.646 |
| Year: | 2005 |
| Gepaid: | CAL000050108 |
| TSD EPA ID: | CAD981696420 |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H01 - Transfer Station
Tons: 0.494

Year: 2004
Gepaid: CAL000050108
TSD EPA ID: CAD981696420
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.532

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

Additional Info:
Year: 2009
Gen EPA ID: CAL000050108

Shipment Date: 20091125
Creation Date: 1/11/2010 18:30:22
Receipt Date: 20091125
Manifest ID: 004242457JJK
Trans EPA ID: CAL000827857
Trans Name: JSE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.85485
Waste Quantity: 205
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAL000050108

Shipment Date: 20061120
Creation Date: 3/30/2007 13:33:11
Receipt Date: 20061120
Manifest ID: 000763103JJK
Trans EPA ID: CAL000827857
Trans Name: JSE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | EVERGREEN ENVIRONMENTAL SERVICES |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.646 |
| Waste Quantity: | 170 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2001 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 20010723 |
| Creation Date: | 10/1/2001 0:00:00 |
| Receipt Date: | 20010723 |
| Manifest ID: | 20990116 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.285 |
| Waste Quantity: | 75 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20010115 |
| Creation Date: | 3/22/2001 0:00:00 |
| Receipt Date: | 20010115 |
| Manifest ID: | 99469548 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.3544 |
| Waste Quantity: | 85 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2004 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 20041208 |
| Creation Date: | 3/13/2007 18:30:28 |
| Receipt Date: | 20041208 |
| Manifest ID: | 23556277 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | JSE ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | EVER GREEN ENVIRONMENTAL SERVICES |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | NA |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.285 |
| Waste Quantity: | 75 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20040423 |
| Creation Date: | 10/14/2004 15:19:37 |
| Receipt Date: | 20040423 |
| Manifest ID: | 23556113 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | JSE ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | EVERGREEN ENVIRONMENTAL SERVICES |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.247 |
| Waste Quantity: | 65 |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2015 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 20150312 |
| Creation Date: | 6/25/2015 22:15:58 |
| Receipt Date: | 20150312 |
| Manifest ID: | 008248508FLE |
| Trans EPA ID: | CAD981996895 |
| Trans Name: | JSE ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | INDUSTRIAL SERVICE OIL COMPANY |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 0.31275 |
| Waste Quantity: | 75 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1997 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 19970912 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970912 |
| Manifest ID: | 96780953 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.418 |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2005 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 20050930 |
| Creation Date: | 8/23/2006 18:35:03 |
| Receipt Date: | 20050930 |
| Manifest ID: | 24514904 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | JSE ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | EVERGREEN ENVIRONMENTAL SERVICES |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.494 |
| Waste Quantity: | 130 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1998 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 19981110 |
| Creation Date: | 1/5/1999 0:00:00 |
| Receipt Date: | 19981110 |
| Manifest ID: | 98119660 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.417 |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| Waste Quantity: | 100 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980717 |
| Creation Date: | 9/15/1998 0:00:00 |
| Receipt Date: | 19980717 |
| Manifest ID: | 96781181 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.5004 |
| Waste Quantity: | 120 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2011 |
| Gen EPA ID: | CAL000050108 |
| | |
| Shipment Date: | 20110421 |
| Creation Date: | 6/4/2011 18:30:34 |
| Receipt Date: | 20110421 |
| Manifest ID: | 006948158JJK |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | JSE ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | EVERGREEN ENVIRONMENTAL SERVICES |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.2085 |
| Waste Quantity: | 50 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110419 |
| Creation Date: | 10/1/2011 18:30:39 |
| Receipt Date: | 20110426 |
| Manifest ID: | 003444891FLE |
| Trans EPA ID: | OHR000162800 |
| Trans Name: | NEXEO SOLUTIONS |
| Trans 2 EPA ID: | KS0000336891 |
| Trans 2 Name: | SAVANNAH TRANSPORT INC |
| TSDF EPA ID: | IND000646943 |
| Trans Name: | TRADEBE TREATMENT AND RECYCLING LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 491 - Unspecified sludge waste |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.075 |
| Waste Quantity: | 150 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110419 |
| Creation Date: | 10/1/2011 18:30:39 |
| Receipt Date: | 20110426 |
| Manifest ID: | 003444891FLE |
| Trans EPA ID: | OHR000162800 |
| Trans Name: | NEXEO SOLUTIONS |
| Trans 2 EPA ID: | KS0000336891 |
| Trans 2 Name: | SAVANNAH TRANSPORT INC |
| TSDF EPA ID: | IND000646943 |
| Trans Name: | TRADEBE TREATMENT AND RECYCLING LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | F005 |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.561 |
| Waste Quantity: | 165 |
| Quantity Unit: | G |
| Additional Code 1: | F003 |
| Additional Code 2: | D035 |
| Additional Code 3: | D001 |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1999 |
| Gen EPA ID: | CAL000050108 |
| | |
| Shipment Date: | 19991025 |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| Creation Date: | 12/17/1999 0:00:00 |
| Receipt Date: | 19991025 |
| Manifest ID: | 98119965 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.417 |
| Waste Quantity: | 100 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19990702 |
| Creation Date: | 8/19/1999 0:00:00 |
| Receipt Date: | 19990706 |
| Manifest ID: | 98119874 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.3336 |
| Waste Quantity: | 80 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19990324 |
| Creation Date: | 5/17/1999 0:00:00 |
| Receipt Date: | 19990324 |
| Manifest ID: | 98119778 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.3544 |
| Waste Quantity: | 85 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2007 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 20070928 |
| Creation Date: | 1/25/2008 18:30:20 |
| Receipt Date: | 20071002 |
| Manifest ID: | 000763181JJK |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | JSE ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | EVERGREEN ENVIRONMENTAL SERVICES |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.39615 |
| Waste Quantity: | 95 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2003 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 20030923 |
| Creation Date: | 7/13/2004 10:48:19 |
| Receipt Date: | 20030925 |
| Manifest ID: | 21915943 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | JSE ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| Trans Name: | EVERGREEN ENVIRONMENTAL SERVICES |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.323 |
| Waste Quantity: | 85 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030122 |
| Creation Date: | 5/21/2003 18:32:18 |
| Receipt Date: | 20030123 |
| Manifest ID: | 21915752 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.57 |
| Waste Quantity: | 150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2002 |
| Gen EPA ID: | CAL000050108 |

| | |
|---|---|
| Shipment Date: | 20020301 |
| Creation Date: | 7/17/2002 18:31:10 |
| Receipt Date: | 20020304 |
| Manifest ID: | 20990291 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.494 |
| Waste Quantity: | 130 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2000 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 20001010 |
| Creation Date: | 12/13/2000 0:00:00 |
| Receipt Date: | 20001010 |
| Manifest ID: | 99469469 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.2085 |
| Waste Quantity: | 50 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20000619 |
| Creation Date: | 8/9/2000 0:00:00 |
| Receipt Date: | 20000620 |
| Manifest ID: | 99469370 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.3753 |
| Waste Quantity: | 90 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000211 |
| Creation Date: | 4/4/2000 0:00:00 |
| Receipt Date: | 20000214 |
| Manifest ID: | 99469241 |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.3127 |
| Waste Quantity: | 75 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2012 |
| Gen EPA ID: | CAL000050108 |
| | |
| Shipment Date: | 20121003 |
| Creation Date: | 1/13/2013 22:15:14 |
| Receipt Date: | 20121003 |
| Manifest ID: | 006948495JJK |
| Trans EPA ID: | CAL000827857 |
| Trans Name: | JSE ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | INDUSTRIAL SERVICE OIL CO INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 0.266 |
| Waste Quantity: | 70 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

Additional Info:

| | |
|---|---|
| Year: | 1996 |
| Gen EPA ID: | CAL000050108 |
| Shipment Date: | 19960723 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19960726 |
| Manifest ID: | 96009692 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | CAD028277036 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080031628 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.285 |
| Waste Quantity: | 75 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

CERS:

| | |
|---|---|
| Name: | BACHMANN PRECISION MACHINE |
| Address: | 2112 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 10541 |
| CERS ID: | 10265515 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 10541 |
| Site Name: | BACHMANN PRECISION MACHINE |
| Violation Date: | 09-18-2015 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 12/15/2015. OBSERVATION: Three out of four HW containers did not have HW labels; 4th container was missing an accumulation date. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

Violation Source: CERS

Site ID: 10541
Site Name: BACHMANN PRECISION MACHINE
Violation Date: 09-18-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/03/2017. OBSERVATION: Owner/Operator failed to submit the hazardous waste notification electronically to CERS. CORRECTIVE ACTION: Owner/Operator shall submit a notification of hazardous waste generated by the facility in accordance with HSC 25128 electronically to CERS. HSC 25404(e)(4) No later than three years after the statewide information management system is established, each CUPA, PA, and regulated business shall report program data electronically. The secretary shall work with the CUPAs to develop a phased in schedule for the electronic collection and submittal of information to be included in the statewide information management system, giving first priority to information relating to those chemicals determined by the secretary to be of greatest concern. The secretary, in making this determination shall consult with the CUPAs, the California Emergency Management Agency, the State Fire Marshal, and the boards, departments, and offices within the California [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-08-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Mike Chen, President of Oceanbridge Logistics Inc., new owner of facility.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-18-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: George Bachmann, President/Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS Notification requirement completed. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | GEORGE A. BACHMANN |
| Entity Title: | Not reported |
| Affiliation Address: | 2112 N. ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2112 N ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | GEORGE BACHMANN |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 442-4052 |

| | |
|---|---|
| Affiliation Type Desc: | Property Owner |
| Entity Name: | GEORGE & IRENE BACHMANN |
| Entity Title: | Not reported |
| Affiliation Address: | 2112 N ROSEMEAD BLVD |
| Affiliation City: | ROSEMEAD |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 442-4052 |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | GEORGE BACHMANN |
| Entity Title: | Not reported |
| Affiliation Address: | 2112 N ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 442-4052 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

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

Affiliation Type Desc: Identification Signer
Entity Name: PAUL CARNEY
Entity Title: ACCOUNTANT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Oceanbridge Logistics, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: BACHMANN PRECISION MACHINE
Address: 2112 NORTH ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAL000050108
Inactive Date: Not reported
Create Date: 10/03/1994
Last Act Date: 08/23/2019
Mailing Name: Not reported
Mailing Address: 667 BATAAN PL
Mailing Address 2: Not reported
Mailing City,State,Zip: MONTEREY PARK, CA 917550000
Owner Name: GEORGE BACHMANN
Owner Address: 667 BATAAN PL
Owner Address 2: Not reported
Owner City,State,Zip: MONTEREY PARK, CA 917550000
Contact Name: GEORGE BACHMAN
Contact Address: 667 BATAAN PL
Contact Address 2: Not reported
City,State,Zip: MONTEREY PARK, CA 91755

**BACHMANN PRECISION MACHINE (Continued)** **S113042245**

NAICS:

| | |
|---|---|
| EPA ID: | CAL000050108 |
| Create Date: | 2011-04-05 10:18:12 |
| NAICS Code: | 333512 |
| NAICS Description: | Machine Tool (Metal Cutting Types) Manufacturing |
| Issued EPA ID Date: | 1994-10-03 00:00:00 |
| Inactive Date: | Not reported |
| Facility Name: | BACHMANN PRECISION MACHINE |
| Facility Address: | 2112 NORTH ROSEMEAD BLVD |
| Facility Address 2: | Not reported |
| Facility City: | SOUTH EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 917330000 |

---

**A61** **BACHMANN PRECISION MACHINE** **RCRA NonGen / NLR** **1024788787**
**WSW** **2112 NORTH ROSEMEAD BLVD** **CAL000050108**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.035 mi.**
**185 ft.** **Site 40 of 42 in cluster A**

**Relative:** **Lower**

**Actual:** **235 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 1994-10-03 00:00:00.0 |
| Facility name: | BACHMANN PRECISION MACHINE |
| Facility address: | 2112 NORTH ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733-0000 |
| EPA ID: | CAL000050108 |
| Mailing address: | 2112 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733-0000 |
| Contact: | GEORGE BACHMAN |
| Contact address: | 2112 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 31733 |
| Contact country: | Not reported |
| Contact telephone: | 626-442-4052 |
| Contact email: | PAUL@PCARNEYCPA.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | GEORGE BACHMAN |
| Owner/operator address: | 2112 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 31733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-442-4052 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | GEORGE BACHMANN |
| Owner/operator address: | 2112 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |

**BACHMANN PRECISION MACHINE (Continued)** **1024788787**

Owner/operator country: Not reported
Owner/operator telephone: 626-442-4052
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**A62** **IGATA EQUIPMENT INC DBA LA TRUCKS** **RCRA NonGen / NLR** **1024830511**
**WSW** **2112 ROSEMEAD BLVD** **CAL000365598**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.035 mi.**
**185 ft.** **Site 41 of 42 in cluster A**

**Relative:** **Lower**
**Actual:** **235 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2011-07-13 00:00:00.0
Facility name: IGATA EQUIPMENT INC DBA LA TRUCKS
Facility address: 2112 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733-1501
EPA ID: CAL000365598
Contact: HOKORU IGATA
Contact address: 2112 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Contact country: Not reported
Contact telephone: 714-388-3560
Contact email: LATRUCKIN@GMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: HOKORU IGATA
Owner/operator address: 2314 APPLEWOOD CIR
FULLERTON, CA 92833
Owner/operator country: Not reported
Owner/operator telephone: 714-388-8560
Owner/operator email: Not reported

**IGATA EQUIPMENT INC DBA LA TRUCKS (Continued)** **1024830511**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HOKORU IGATA
Owner/operator address: 2112 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 714-388-3560
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**A63** **KIM SE'S AUTO** **CERS HAZ WASTE** **S123518357**
**West** **2115 N ROSEMEAD BLVD** **CERS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.036 mi.**
**189 ft.** **Site 42 of 42 in cluster A**

**Relative:**
**Lower**

**Actual:**
**234 ft.**

CERS HAZ WASTE:
Name: KIM SE'S AUTO
Address: 2115 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 41687
CERS ID: 10282693
CERS Description: Hazardous Waste Generator

CERS:
Name: KIM SE'S AUTO
Address: 2115 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 41687

**KIM SE'S AUTO (Continued)** **S123518357**

CERS ID: 10282693
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 41687
Site Name: KIM SE'S AUTO
Violation Date: 08-19-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 11/19/2019. OBSERVATION: Uniform Hazardous Waste Manifests for waste coolant and used oil were not available for review at the time of inspection. CORRECTIVE ACTION: Locate the most recent copies of manifests for waste coolant and used oil and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 41687
Site Name: KIM SE'S AUTO
Violation Date: 05-18-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 03/06/2017. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 41687
Site Name: KIM SE'S AUTO
Violation Date: 05-18-2016
Citation: 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8
Violation Description: Failure of the generator to prepare a hazardous waste management performance report every four years. The report shall contain sufficient detail to convey an understanding of the hazardous waste management approaches used at the site, using narratives, photographs, illustrations, figures or data as necessary, which includes, at a minimum, all of the following: 1) Name and location of the site 2) Four digit SIC code(s) for the site 3) All of the following information for each waste stream identified: A) An estimate, in pounds, of the quantity of hazardous waste generated and the quantity of hazardous waste managed, both onsite and offsite, during the current reporting year and the baseline year; B) A description of current hazardous waste management approaches and identification of all approaches implemented since the baseline year; C) An assessment

**KIM SE'S AUTO (Continued)** **S123518357**

| | |
|---|---|
| | of the effect, since the baseline year, of each implemented hazardous waste management approach on the weight of hazardous waste generated, the properties which cause it to be classified as a hazardous waste and/or the onsite and offsite management of hazardous waste. The report shall consider, but shall not be limited to all of the following approaches: 1. Source reduction; 2. Onsite or offsite recycling; 3. Onsite or offsite treatment; and D) A description of factors during the current reporting year that have affected hazardous waste generation and onsite and offsite hazardous waste management since the baseline year, including, but not limited to, any of the following: 1. Changes in business activity; 2. Changes in waste classification; 3. Natural phenomena and; 4. Other factors that have affected either the quantity of hazardous waste generated or onsite and offsite hazardous waste management requirements. |
| Violation Notes: | Returned to compliance on 08/10/2017. OBSERVATION: Waste coolant and waste paint thinner drums were missing Hazardous Waste labels. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 41687 |
| Site Name: | KIM SE'S AUTO |
| Violation Date: | 05-18-2016 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/10/2017. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately. REPORTABLE HAZ MAT: used oil - 1x200-gal container; waste coolant - 2x55-gal drums; waste paint thinner - 1x55-gal drum |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 41687 |
| Site Name: | KIM SE'S AUTO |
| Violation Date: | 05-18-2016 |
| Citation: | 22 CCR 31 67100.9 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.9 |
| Violation Description: | Failure of the generator to prepare a summary progress report (Form # 1262 titled, G Summary Progress ReportG ) and submit it to the Department of Toxic Substances Control every four years thereafter. |
| Violation Notes: | Returned to compliance on 08/10/2017. OBSERVATION: Waste coolant and waste paint thinner were stored over 180 days. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to |

**KIM SE'S AUTO (Continued)** **S123518357**

180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA 30 days from now.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-06-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; Plans ok, Inventory not accurate, Site Map missing elements; Business Activities: YES not checked for HM handling.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-06-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HWTS shows active EPA; manifests and proof of HW labeling not submitted; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-25-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Hazardous waste labeled and disposed of on 5/1/17 through Veolia; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP submitted in CERS and accepted as of 6/5/17; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

**KIM SE'S AUTO (Continued)** **S123518357**

Eval Date: 08-19-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: KIM SE THOR
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: KIM SE THOR
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Kim Se Thor, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Kim Se Thor, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: KIM SE THOR
Entity Title: Not reported
Affiliation Address: 2113 N. ROSEMEAD BLVD.
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: KIM SE THOR
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 448-7601

Affiliation Type Desc: Parent Corporation

**KIM SE'S AUTO (Continued)** **S123518357**

| | |
|---|---|
| Entity Name: | KIM SE'S AUTO |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2113 N ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | KIM SE THOR |
| Entity Title: | Not reported |
| Affiliation Address: | 2113 N ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 448-7601 |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Kimse Thor |
| Entity Title: | Not reported |
| Affiliation Address: | 2113 n Rosemead Blvd |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 448-7601 |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |

**F64** **MURPHY MUFFLER** **WIP** **S106765797**
**SSE** **9508 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.036 mi.**
**192 ft.** **Site 1 of 11 in cluster F**

**Relative:** **Lower**

**Actual:** **235 ft.**

WIP:

| | |
|---|---|
| Name: | MURPHY MUFFLER |
| Address: | 9508 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1247 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

---

**F65** **NISSEN & COMPANY, INC.** **WIP** **S106765802**
**SSE** **9508 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.036 mi.**
**192 ft.** **Site 2 of 11 in cluster F**

**Relative:** **Lower**

**Actual:** **235 ft.**

WIP:

| | |
|---|---|
| Name: | NISSEN & COMPANY, INC. |
| Address: | 9508 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1259 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**F66** **VALLEY CITIES SUPPLY CO.** **LUST** **U001569513**
**SSE** **9510 RUSH ST** **SWEEPS UST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **HIST UST**
**0.039 mi.** **Cortese**
**204 ft.** **Site 3 of 11 in cluster F** **HIST CORTESE**
**WIP**
**CERS**

**Relative:** **Lower**

**Actual:** **235 ft.**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | I-09173 | |
| Status: | Case Closed | |
| Substance: | Gasoline | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Soil | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603703352 | |
| W Global ID: | Not reported | |
| Staff: | UNK | |
| Local Agency: | 19000 | |
| Cross Street: | ROSEMEAD BLVD. | |
| Enforcement Type: | Not reported | |
| Date Leak Discovered: | 7/1/1991 | |

**VALLEY CITIES SUPPLY CO. (Continued)** **U001569513**

| | | |
|---|---|---|
| Date Leak First Reported: | | 12/30/1991 |
| Date Leak Record Entered: | 3/20/1992 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | 7/1/1991 | |
| Date Case Last Changed on Database: | | 1/13/1992 |
| Date the Case was Closed: | | 7/25/1996 |
| How Leak Discovered: | Tank Closure | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | UNK | |
| Leak Source: | UNK | |
| Operator: | PLUMMER, C.A. | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 1608.21936822360194698033627 37 |
| Source of Cleanup Funding: | | UNK |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | 12/30/1991 |
| Pollution Characterization Began: | | Not reported |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | Not reported |
| Historical Max MTBE Date: | | Not reported |
| Hist Max MTBE Conc in Groundwater: | | Not reported |
| Hist Max MTBE Conc in Soil: | | Not reported |
| Significant Interim Remedial Action Taken: | | Not reported |
| GW Qualifier: | Not reported | |
| Soil Qualifier: | Not reported | |
| Organization: | Not reported | |
| Owner Contact: | Not reported | |
| Responsible Party: | VALLEY CITIES SUPPLY CO. | |
| RP Address: | 9510 E RUSH ST, S EL MONTE CA 91733 | |
| Program: | LUST | |
| Lat/Long: | 34.0517175 / -1 | |
| Local Agency Staff: | Not reported | |
| Beneficial Use: | Not reported | |
| Priority: | Not reported | |
| Cleanup Fund Id: | Not reported | |
| Suspended: | Not reported | |
| Assigned Name: | Not reported | |
| Summary: | Not reported | |

LUST:

| | |
|---|---|
| Name: | VALLEY CITIES SUPPLY CO. |
| Address: | 9510 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Case Type: | LUST Cleanup Site |
| Geo Track: | http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703352 |
| Global Id: | T0603703352 |
| Latitude: | 34.051005 |
| Longitude: | -118.061844 |
| Status: | Completed - Case Closed |
| Status Date: | 07/25/1996 |
| Case Worker: | YR |
| RB Case Number: | I-09173 |
| Local Agency: | LOS ANGELES COUNTY |

**VALLEY CITIES SUPPLY CO. (Continued)** **U001569513**

File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603703352
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703352
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603703352
Action Type: Other
Date: 07/01/1991
Action: Leak Discovery

Global Id: T0603703352
Action Type: Other
Date: 07/01/1991
Action: Leak Stopped

Global Id: T0603703352
Action Type: Other
Date: 12/30/1991
Action: Leak Reported

LUST:
Global Id: T0603703352
Status: Open - Case Begin Date
Status Date: 07/01/1991

Global Id: T0603703352
Status: Open - Site Assessment
Status Date: 12/30/1991

Global Id: T0603703352
Status: Completed - Case Closed
Status Date: 07/25/1996

SWEEPS UST:

**VALLEY CITIES SUPPLY CO. (Continued)** **U001569513**

Name: VALLEY CITIES SUPPLY CO
Address: 9510 RUSH ST
City: SOUTH EL MONTE
Status: Not reported
Comp Number: 9173
Number: Not reported
Board Of Equalization: 44-008336
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009173-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 1

HIST UST:
Name: VALLEY CITIES SUPPLY CO
Address: 9510 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 0002850E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002850E.pdf
Region: STATE
Facility ID: 00000007843
Facility Type: Other
Other Type: Not reported
Contact Name: JACK MEANS
Telephone: 8185794900
Owner Name: VALLEY CITIES SUPPLY CO.
Owner Address: 9510 RUSH ST
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1975
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

CORTESE:
Name: VALLEY CITIES SUPPLY CO.
Address: 9510 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603703352
Site/Facility Type: LUST CLEANUP SITE

**VALLEY CITIES SUPPLY CO. (Continued)** **U001569513**

| | |
|---|---|
| Cleanup Status: | COMPLETED - CASE CLOSED |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | active |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

HIST CORTESE:

| | |
|---|---|
| edr_fname: | VALLEY CITIES SUPPLY CO. |
| edr_fadd1: | 9510 RUSH |
| City,State,Zip: | SOUTH EL MONTE, CA 91773 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | I-09173 |

WIP:

| | |
|---|---|
| Name: | VALLEY CITIES SUPPLY COMPANY |
| Address: | 9510 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1647 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | VALLEY CITIES SUPPLY CO. |
| Address: | 9510 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 233822 |
| CERS ID: | T0603703352 |
| CERS Description: | Leaking Underground Storage Tank Cleanup Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | JOHN AWUJO - LOS ANGELES COUNTY |
| Entity Title: | Not reported |
| Affiliation Address: | 900 S FREMONT AVE |
| Affiliation City: | ALHAMBRA |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 6264583507 |

**VALLEY CITIES SUPPLY CO. (Continued)** **U001569513**

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | YUE RONG - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | Los Angeles |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**E67** **PHIL'S CERTIFIED AUTO CENTER** **RCRA NonGen / NLR** **1024807656**
**SW** **2020 ROSEMEAD BLVD** **CAL000275511**
**< 1/8** **S EL MONTE, CA 91733**
**0.040 mi.**
**212 ft.** **Site 7 of 14 in cluster E**

**Relative:** **Lower**
**Actual:** **234 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2003-10-17 00:00:00.0 |
| Facility name: | PHIL'S CERTIFIED AUTO CENTER |
| Facility address: | 2020 ROSEMEAD BLVD<br>S EL MONTE, CA 91733-1518 |
| EPA ID: | CAL000275511 |
| Contact: | PHILIP LUONG |
| Contact address: | 2020 ROSEMEAD BLVD<br>S EL MONTE, CA 91733-1518 |
| Contact country: | Not reported |
| Contact telephone: | 626-582-1648 |
| Contact email: | NANCYWU@SBCGLOBAL.NET |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | PHILLIP LUONG |
| Owner/operator address: | 1015 RODEO RD<br>ARCADIA, CA 91006 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-582-1648 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | PHILIP LUONG |
| Owner/operator address: | 2020 ROSEMEAD BLVD<br>S EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-582-1648 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |

**PHIL'S CERTIFIED AUTO CENTER (Continued)** **1024807656**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**E68** **PHIL'S CERTIFIED AUTO CENTER** **CERS HAZ WASTE** **S123501540**
**SW** **2020 N ROSEMEAD BLVD** **CERS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.040 mi.**
**212 ft.** **Site 8 of 14 in cluster E**

**Relative:** **Lower**
**Actual:** **234 ft.**

CERS HAZ WASTE:
Name: PHIL'S CERTIFIED AUTO CENTER
Address: 2020 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 143636
CERS ID: 10285489
CERS Description: Hazardous Waste Generator

CERS:
Name: PHIL'S CERTIFIED AUTO CENTER
Address: 2020 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 143636
CERS ID: 10285489
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 143636
Site Name: PHIL'S CERTIFIED AUTO CENTER
Violation Date: 10-18-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 01/08/2018. OBSERVATION: The generator's EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. Provided Mr. Luong an application to reactivate CAL000275511. CORRECTIVE ACTION: Submit

**PHIL'S CERTIFIED AUTO CENTER (Continued)** **S123501540**

documentation to the CUPA demonstrating that you have reactivated the facility's EPA ID number.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 143636
Site Name: PHIL'S CERTIFIED AUTO CENTER
Violation Date: 10-18-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 01/08/2018. OBSERVATION: The business failed to complete and electronically submit a business plan when handling hazardous materials at or above the reportable threshold quantities for 2017. CORRECTIVE ACTION: Complete and electronically submit a business plan.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 143636
Site Name: PHIL'S CERTIFIED AUTO CENTER
Violation Date: 10-02-2014
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 11/05/2014.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 143636
Site Name: PHIL'S CERTIFIED AUTO CENTER
Violation Date: 10-18-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 01/08/2018. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 143636
Site Name: PHIL'S CERTIFIED AUTO CENTER
Violation Date: 10-18-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter

**PHIL'S CERTIFIED AUTO CENTER (Continued)** **S123501540**

6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 01/08/2018. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 143636
Site Name: PHIL'S CERTIFIED AUTO CENTER
Violation Date: 10-18-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 01/08/2018. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 143636
Site Name: PHIL'S CERTIFIED AUTO CENTER
Violation Date: 10-18-2017
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 01/08/2018. OBSERVATION: 6 x 55 gallon steel drums of used oil located at the hazarodus waste storage area was observed without a hazardous waste label which shall include an accumulation start date and a manifest/receipt demonstrating disposal within the past 180 days was not available. CORRECTIVE ACTION: Dispose of the 6 x 55 gallon steel drums of used oil and submit a copy of the manifest/receipt to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

**PHIL'S CERTIFIED AUTO CENTER (Continued)** **S123501540**

Site ID: 143636
Site Name: PHIL'S CERTIFIED AUTO CENTER
Violation Date: 10-18-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/08/2018. OBSERVATION: 6 x 55 gallon steel drums of used oil located at the hazarodus waste storage area was observed without proper hazardous waste labels which shall include the accumulation start date. Label all empty containers as "empty". Observed 5 empty 55 gallon steel drums without an "empty" label. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 11-05-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Phillip Luong, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-08-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

**PHIL'S CERTIFIED AUTO CENTER (Continued)** **S123501540**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-18-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Phillip Luong, Owner |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 01-08-2018 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 10-02-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Phillip Luong |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 143636 |
| Site Name: | PHIL'S CERTIFIED AUTO CENTER |
| Site Address: | 2020 N ROSEMEAD BLVD |
| Site City: | SOUTH EL MONTE |
| Site Zip: | 91733 |
| Enf Action Date: | 10-02-2014 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Los Angeles County Fire Department |
| Enf Action Program: | HMRRP |
| Enf Action Source: | CERS |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2020 N ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | PHILLIP LUONG |
| Entity Title: | Not reported |
| Affiliation Address: | 2020 N ROSEMEAD BLVD |

**PHIL'S CERTIFIED AUTO CENTER (Continued)** **S123501540**

| | |
|---|---|
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 582-1648 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | PHIL'S CERTIFIED AUTO CENTER |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Nancy Wu |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | PHILLIP LUONG |
| Entity Title: | Not reported |
| Affiliation Address: | 2020 N ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | PHILLIP LUONG |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 582-1648 |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Identification Signer |

**PHIL'S CERTIFIED AUTO CENTER (Continued)** **S123501540**

| | |
|---|---|
| Entity Name: | PHILLIP LUONG |
| Entity Title: | OWNER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**C69** **BHY TRUCKING INC.** **WIP** **S106765200**
**NW** **2317 N ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.041 mi.**
**214 ft.** **Site 3 of 6 in cluster C**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

WIP:

| | |
|---|---|
| Name: | BHY TRUCKING INC. |
| Address: | 2317 N Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0053 |
| **File Status:** | **Historical** |
| Staff: | BPONEK |
| Facility Suite: | Not reported |

---

**C70** **BHY TRUCKING INC** **RCRA NonGen / NLR** **1000134966**
**NW** **2317 ROSEMEAD BLVD** **FINDS** **CAD072925795**
**< 1/8** **SOUTH EL MONTE, CA 91733** **ECHO**
**0.041 mi.**
**214 ft.** **Site 4 of 6 in cluster C**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 1982-09-02 00:00:00.0 |
| Facility name: | BHY TRUCKING INC |
| Facility address: | 2317 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD072925795 |
| Mailing address: | ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2317 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | US |
| Contact telephone: | 213-573-0733 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |

**BHY TRUCKING INC (Continued)** **1000134966**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROY L BARROW
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

FINDS:
Registry ID: 110002656983
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002656983

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

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

ECHO:
Envid: 1000134966

**BHY TRUCKING INC (Continued)** **1000134966**

| | |
|---|---|
| Registry ID: | 110002656983 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002656983 |
| Name: | BHY TRUCKING INC |
| Address: | 2317 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

---

**E71** **ILLINOIS AUTO WRECKING** **WDS S103969706**
**SW** **2014 ROSEMEAD BLVD** **WIP N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **HWTS**
**0.043 mi.**
**229 ft.** **Site 9 of 14 in cluster E**

**Relative:** **Lower**
**Actual:** **234 ft.**

WDS:

| | |
|---|---|
| Name: | ILLINOIS AUTO WRECKING |
| Address: | 2014 N Rosemead Blvd |
| City: | SOUTH EL MONTE |
| Facility ID: | 4 19I016345 |
| Facility Type: | Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III) |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 4 |
| Facility Telephone: | 8184485319 |
| Facility Contact: | Hyung Kuk Lee |
| Agency Name: | ILLINOIS AUTO WRECKING |
| Agency Address: | 2014 N. Rosemead Blvd. |
| Agency City,St,Zip: | South El Monte 91733 |
| Agency Contact: | Thomas Bang |
| Agency Telephone: | 6264485319 |
| Agency Type: | Private |
| SIC Code: | 5015 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category. |
| Primary Waste: | STORMS |
| Waste Type2: | Not reported |
| Waste2: | Stormwater Runoff |
| Primary Waste Type: | Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category. |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | No reclamation requirements associated with this facility. |
| POTW: | The facility is not a POTW. |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as |

**ILLINOIS AUTO WRECKING (Continued)** **S103969706**

cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:

| | |
|---|---|
| Name: | ILLINOIS AUTO WRECKING |
| Address: | 2014 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1039 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

HWTS:

| | |
|---|---|
| Name: | ILLINOIS AUTO WRECKING |
| Address: | 2014 ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| EPA ID: | CAL000209252 |
| Inactive Date: | 06/30/2000 |
| Create Date: | 11/17/1999 |
| Last Act Date: | 04/10/2001 |
| Mailing Name: | Not reported |
| Mailing Address: | 2014 ROSEMEAD BLVD |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Owner Name: | ILLINOIS AUTO WRECKING INC |
| Owner Address: | 2014 ROSEMEAD BLVD |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact Name: | THOMAS BANG-PRESIDENT |
| Contact Address: | INACT 00VQ FINAL NOTICE - BATCH |
| Contact Address 2: | 4/10/01 |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |

---

**F72** **COBRA SEWER EQUIPMENT** **WIP** **S106765479**
**SSE** **9514 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.043 mi.**
**229 ft.** **Site 4 of 11 in cluster F**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

WIP:

| | |
|---|---|
| Name: | COBRA SEWER EQUIPMENT |
| Address: | 9514 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0742 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

**F73** **PACIFIC AUTO CO.** **WIP** **S106765856**
**SSE** **9514 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.043 mi.**
**229 ft.** **Site 5 of 11 in cluster F**

**Relative:** **Lower**
**Actual:** **235 ft.**

WIP:

| | |
|---|---|
| Name: | PACIFIC AUTO CO. |
| Address: | 9514 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1334 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**E74** **SOUTH EL MONTE SERVICE STATION LP** **RCRA NonGen / NLR** **1024823355**
**SW** **2004 ROSEMEAD BLVD** **CAL000343941**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.048 mi.**
**255 ft.** **Site 10 of 14 in cluster E**

**Relative:** **Lower**
**Actual:** **233 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2009-06-12 00:00:00.0 |
| Facility name: | SOUTH EL MONTE SERVICE STATION LP |
| Facility address: | 2004 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAL000343941 |
| Contact: | PRATEEK DUBEY |
| Contact address: | PO BOX 1958<br>CORONA, CA 92879-1487 |
| Contact country: | Not reported |
| Contact telephone: | 951-280-3833 |
| Contact email: | LAURISA@JNTMGMT.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | PRATEEK DUBEY |
| Owner/operator address: | PO BOX 1958<br>CORONA, CA 92879 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 951-280-3833 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | SOUTH EL MONTE SERVICE STATION LP |
| Owner/operator address: | PO BOX 1958<br>CORONA, CA 92878 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 951-280-3833 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |

**SOUTH EL MONTE SERVICE STATION LP (Continued)** **1024823355**

Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**E75** **SOUTH EL MONTE ARCO AM PM** **CERS HAZ WASTE** **S123302906**
**SW** **2004 ROSEMEAD BLVD** **CERS TANKS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.048 mi.** **CERS**
**255 ft.** **Site 11 of 14 in cluster E**

**Relative:** **Lower**
**Actual:** **233 ft.**

CERS HAZ WASTE:
Name: SOUTH EL MONTE ARCO AM PM
Address: 2004 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 93163
CERS ID: 10296091
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: SOUTH EL MONTE ARCO AM PM
Address: 2004 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 93163
CERS ID: 10296091
CERS Description: Underground Storage Tank

LOS ANGELES CO. HMS:
Name: SOUTH CITY GAS INC
Address: 2004 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 917331518
Region: LA
Permit Category: T
Facility Id: 032470-065905
Facility Type: 0
Facility Status: Permit
Area: 3U

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

Permit Number: 000906492
Permit Status: Permit

CERS:

| | |
|---|---|
| Name: | SOUTH EL MONTE ARCO AM PM |
| Address: | 2004 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 93163 |
| CERS ID: | 10296091 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-11-2018 |
| Citation: | 23 CCR 16 2635(c)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(c)(8) |
| Violation Description: | Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application. |
| Violation Notes: | Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-13-2015 |
| Citation: | HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a) |
| Violation Description: | Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit. |
| Violation Notes: | Returned to compliance on 09/12/2018. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-13-2015 |
| Citation: | HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3) |
| Violation Description: | Failure to submit, maintain, or implement an owner/operator written agreement. |
| Violation Notes: | Returned to compliance on 09/12/2018. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-02-2017 |
| Citation: | 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes: Returned to compliance on 11/18/2019. SUBMIT PLOT PLAN,VAC SENSOR REPLACED 7/6/17,FLD IN 91+DIESEL STP+11/12,OPEN NOVC DIESEL SUMP BRINE LOSS,CERS CORR(PLOT PLAN REMAINS) POST PLOT PLAN(NOT BLUE PRINTS),ID SENSOR PERM MAY BE REQ'D,REMOVE + SUBMIT DOC FLD REMOVAL,PROOF OF SUMP REPAIR,SUBMIT PROPER PLOT PLAN
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 02-02-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: OBSERVATION: The business failed to establish and electronically submit an adequate employee training plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled. Observed no Employee Training Plan submitted online in CERS for 2018. CORRECTIVE ACTION: Establish and electronically submit an adequate employee training plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 02-02-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Observed not submitted online in CERS the following: - 55 gallons of Wax Luster R (corrosive/toxic) - 55 gallons of White Foam Detergent (corrosive/toxic) - 3,000 cubic feet of Carbon Dioxide (asphyxiant) CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-25-2019

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| Citation: | 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712 |
| Violation Description: | Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-25-2019 |
| Citation: | 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G) |
| Violation Description: | Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-13-2015 |
| Citation: | 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a) |
| Violation Description: | Failure of sensor to be located in the proper position/location. |
| Violation Notes: | Returned to compliance on 09/12/2018. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-11-2018 |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| Citation: | 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f) |
| Violation Description: | Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-16-2016 |
| Citation: | 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f) |
| Violation Description: | Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector. |
| Violation Notes: | Returned to compliance on 11/18/2019. INACCURATE PLOT PLAN. DIESEL SECONDARY SUMP LOSING BRINE. NO APPLICATION SUBMITTED FOR REPAIR WORK. FAILED TO REPAIR W/30DAY. V#811766 SUBMIT ACCURATE PLOT PLAN TO CERS. SUBMIT APP/FEES(DSL SUMP REPAIR).**NOVC RETURNED BY MAIL-9/6/16.ADDRESS UPDATE,NOVC REMAILED. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-25-2019 |
| Citation: | 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f) |
| Violation Description: | Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.). |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-02-2017 |
| Citation: | HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3) |
| Violation Description: | Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-11-2018 |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| Citation: | HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3) |
| Violation Description: | Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003. |
| Violation Notes: | Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-11-2018 |
| Citation: | 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j) |
| Violation Description: | Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly. |
| Violation Notes: | Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-11-2018 |
| Citation: | 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i) |
| Violation Description: | Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.). |
| Violation Notes: | Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 02-02-2019 |
| Citation: | 40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.32 |
| Violation Description: | Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance ) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.

Violation Notes: OBSERVATION: The facility has not been equip with Hazardous Waste drums/containers. Operator stated hazardous waste drums are used to store all spent absorbent and other liquid and solid hazardous wastes generated on site. Observed no hazardous waste drums onsite for both solid and liquid hazardous wastes at the time of inspection. CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating the facility has been equip with Hazardous Waste drums/containers. to the CUPA within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-16-2016
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h),

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 11/18/2019. INACCURATE PLOT PLAN. DIESEL SECONDARY SUMP LOSING BRINE. NO APPLICATION SUBMITTED FOR REPAIR WORK. FAILED TO REPAIR W/30DAY. V#811766 SUBMIT ACCURATE PLOT PLAN TO CERS. SUBMIT APP/FEES(DSL SUMP REPAIR).**NOVC RETURNED BY MAIL-9/6/16.ADDRESS UPDATE,NOVC REMAILED.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 09/12/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes: Returned to compliance on 09/12/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-16-2016
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

with the permit application.
Violation Notes: Returned to compliance on 11/18/2019. INACCURATE PLOT PLAN. DIESEL SECONDARY SUMP LOSING BRINE. NO APPLICATION SUBMITTED FOR REPAIR WORK. FAILED TO REPAIR W/30DAY. V#811766 SUBMIT ACCURATE PLOT PLAN TO CERS. SUBMIT APP/FEES(DSL SUMP REPAIR).**NOVC RETURNED BY MAIL-9/6/16.ADDRESS UPDATE,NOVC REMAILED.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: Failure to test the spill bucket annually.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: Failure to test the spill bucket annually.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

Violation Description: Failure of the leak detection equipment to be properly programmed or properly operated.
Violation Notes: Returned to compliance on 09/12/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-02-2017
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 11/18/2019. SUBMIT PLOT PLAN,VAC SENSOR REPLACED 7/6/17,FLD IN 91+DIESEL STP+11/12,OPEN NOVC DIESEL SUMP BRINE LOSS,CERS CORR(PLOT PLAN REMAINS) POST PLOT PLAN(NOT BLUE PRINTS),ID SENSOR PERM MAY BE REQ'D,REMOVE + SUBMIT DOC FLD REMOVAL,PROOF OF SUMP REPAIR,SUBMIT PROPER PLOT PLAN
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-16-2016
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 07-17-2015
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| | one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. |
| Violation Notes: | Returned to compliance on 01/18/2017. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for additional carbon dioxide cylinders (two cylinders in storage room) and the incorrect unit was used to report the liquid carbon dioxide in the store (reported cubic feet instead of gallons) to the CUPA. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-13-2015 |
| Citation: | 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a) |
| Violation Description: | The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change. |
| Violation Notes: | Returned to compliance on 09/12/2018. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-02-2017 |
| Citation: | 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f) |
| Violation Description: | Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 02-02-2019 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a site map with all required content. |
| Violation Notes: | OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. Observed no site map submitted online in CERS for |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

2018. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the local agency or the special inspector.
Violation Notes: Returned to compliance on 09/12/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 02-02-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. Observed no Emergency Response Plan reported online in CERS for 2018. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 07-17-2015
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/15/2015. OBSERVATION: Employee Training Plan location was reported incorrectly in CERS. CORRECTIVE ACTION: Indicate in CERS that the Training Plan was provided with the Emergency Response Plan.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

Violation Date: 09-11-2018
Citation: 23 CCR 16 2635(c)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(c)(8)
Violation Description: Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes: Returned to compliance on 09/12/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment.
Violation Notes: Returned to compliance on 09/12/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description: Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application.
Violation Notes: Returned to compliance on 09/12/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: Failure to comply with one or more of the designated operator monthly inspection requirements: failed to inspect the monthly alarm history report; attach a copy of the alarm history; failed to inspect for the presence of liquid or debris in the spill container/spill bucket and under dispenser containment; failed to inspect the under dispenser containment to ensure that monitoring equipment is placed in the proper position; failure to inspect for liquid or debris in the containment sump where an alarm occurred or for which there is no record of a service visit; or failure to check that all testing and maintenance has been completed and documented.
Violation Notes: Returned to compliance on 09/12/2018.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to retain a copy of the permit to operate at the facility.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| Violation Notes: | Returned to compliance on 09/12/2018. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-02-2017 |
| Citation: | HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3) |
| Violation Description: | Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004. |
| Violation Notes: | Returned to compliance on 11/18/2019. SUBMIT PLOT PLAN,VAC SENSOR REPLACED 7/6/17,FLD IN 91+DIESEL STP+11/12,OPEN NOVC DIESEL SUMP BRINE LOSS,CERS CORR(PLOT PLAN REMAINS) POST PLOT PLAN(NOT BLUE PRINTS),ID SENSOR PERM MAY BE REQ'D,REMOVE + SUBMIT DOC FLD REMOVAL,PROOF OF SUMP REPAIR,SUBMIT PROPER PLOT PLAN |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-11-2018 |
| Citation: | 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j) |
| Violation Description: | Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-25-2019 |
| Citation: | HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286 |
| Violation Description: | Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-25-2019 |
| Citation: | 23 CCR 16 2637.1(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637.1(e) |
| Violation Description: | Failure to submit a copy of the spill containment test results on the G Spill Container Testing Report FormG to the UPA within 30 days after the test. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 02-02-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/08/2019. OBSERVATION: Uniform Hazardous Waste Manifests for hazardous wastes were not available at the time of inspection. Operator stated the manifests are stored in the corporate office. CORRECTIVE ACTION: Locate a copy of all manifests for hazardous wastes and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-11-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-25-2019
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description: Failure to submit the G Underground Storage Tank Statement of Understanding and Compliance Form.G
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-13-2015
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286
Violation Description: Failure to obtain and maintain a valid Board of Equalization account number.
Violation Notes: Returned to compliance on 09/12/2018.
Violation Division: Los Angeles County Department of Public Works

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-25-2019
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the G Monitoring System Certification FormG to the UPA within 30 days of completion of the test.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 08-02-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 11/18/2019. SUBMIT PLOT PLAN,VAC SENSOR REPLACED 7/6/17,FLD IN 91+DIESEL STP+11/12,OPEN NOVC DIESEL SUMP BRINE LOSS,CERS CORR(PLOT PLAN REMAINS) POST PLOT PLAN(NOT BLUE PRINTS),ID SENSOR PERM MAY BE REQ'D,REMOVE + SUBMIT DOC FLD REMOVAL,PROOF OF SUMP REPAIR,SUBMIT PROPER PLOT PLAN
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-25-2019
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163
Site Name: South El Monte Arco Am Pm
Violation Date: 09-25-2019
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 93163

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 08-13-2015 |
| Citation: | 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i) |
| Violation Description: | Failure to submit, obtain approval, or maintain a complete/accurate response plan. |
| Violation Notes: | Returned to compliance on 09/12/2018. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-11-2018 |
| Citation: | 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i) |
| Violation Description: | Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.). |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-25-2019 |
| Citation: | 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b) |
| Violation Description: | "Failure to submit a copy of the overfill prevention equipment inspection results on the G Overfill Prevention Equipment Inspection Report FormG to the UPA within 30 days after the inspection. " |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-11-2018 |
| Citation: | 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712 |
| Violation Description: | Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system. |
| Violation Notes: | Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-11-2018 |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| Citation: | 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b) |
| Violation Description: | Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions. |
| Violation Notes: | Returned to compliance on 12/09/2019. (LONG,SEE FILE):O/DUE CERT;CERS;SUBMIT PERM APP(UDC 7/8 SENSR,87AUX ATG;DSL FILL SNSR);ONGOING BRINE ALARMS(UDC 7/8 & 15/16);AS-BUILT VAC SNSR RPLCD 7/6/17(V868531);A891158&9 REQUIRE PLANS(CONTACT UST ENGINEER);PROVIDE W.O.FOR DISP 9/10 91 LINE REPAIRS; ETC. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 93163 |
| Site Name: | South El Monte Arco Am Pm |
| Violation Date: | 09-25-2019 |
| Citation: | 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8) |
| Violation Description: | Failure to submit or maintain a current facility plot plan. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 01-18-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Inventory in CERS updated for carbon dioxide on 1/17/17; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-02-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Liliana Acevedo, Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2015 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Yadira Rosales, Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-02-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| Eval Notes: | PLOT PLAN SUBMITTAL,IDENTIFY VAC SENSOR REPLACED BY MAKE + MODEL,FLU ID IN 91 AND DIESEL PIPE SUMPS,UDC 11/12,OPEN NOVC BRINE LEAK/CERS |
| Eval Division: | Los Angeles County Department of Public Works |
| Eval Program: | UST |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-02-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Liliana Acevedo, Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2015 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Yadira Rosales, Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-08-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | PLOT PLAN INACCURATE ANNULAR & FILL LOCATION. DSL SECONDARY SUMP WAL L LEAK CAUSING BRINE LOSS. REPAIRS OUTSTANDING. MOD PERM REQUIRED. |
| Eval Division: | Los Angeles County Department of Public Works |
| Eval Program: | UST |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-11-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | NOVC:(LNG,SEE FILE)O/DUE CERT;CERS;PERM APP(UDC 7/8 SNSR,87AATG,DSL FILL SNSR);ONGOING BRINE ALRMS(UDC 7/8&15/16);V868531;A891158&9;ETC. |
| Eval Division: | Los Angeles County Department of Public Works |
| Eval Program: | UST |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 03-08-2019 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Observed violations unabated onsite. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-13-2015 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

Eval Notes: PLANS (A649012);SENSORS NOT@LW PT(87A P/TSUMP,87M TSUMP,91 TSUMP,AND DSL P/T SUMP;ONGOING DSL FILL SUMP BRINE ALARMS (INVESTIGATE);CERS
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTICE ISSUED; OVERDUE MONITOR CERT, CHANGES ALL EQUIP/SENSORS TO V/R 208 AND TLS 350 PLUS. LIQUID IN TRANS SUMP NO ALARM. CERS WRONG.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Coordinates:
Site ID: 93163
Facility Name: South El Monte Arco Am Pm
Env Int Type Code: HWG
Program ID: 10296091
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.052030
Longitude: -118.064150

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: SOUTH CITY GAS INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Tank Owner
Entity Name: South City Gas
Entity Title: Not reported
Affiliation Address: 2004 ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: Not reported
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (323) 823-1017

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Humberto Flores |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | South City Gas, Inc |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 444-0546 |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Humberto Flores |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | HUMBERTO FLORES |
| Entity Title: | Not reported |
| Affiliation Address: | 2004 Rosemead Blvd |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2004 Rosemead |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | UST Property Owner Name |
| Entity Name: | Humberto Flores/South City Gas |
| Entity Title: | Not reported |
| Affiliation Address: | 2004 Rosemead Blvd |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |

**SOUTH EL MONTE ARCO AM PM (Continued)** **S123302906**

| | |
|---|---|
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (323) 823-1017 |
| Affiliation Type Desc: | UST Tank Operator |
| Entity Name: | SOUTH CITY GAS INC |
| Entity Title: | Not reported |
| Affiliation Address: | 2004 ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | Not reported |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (323) 823-1017 |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | South City Gas, Inc |
| Entity Title: | Not reported |
| Affiliation Address: | 2004 Rosemead Blvd |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (323) 823-1017 |

---

**E76** **SOUTH EL MONTE ARCO AM PM** **UST** **U004265797**
**SW** **2004 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.048 mi.**
**255 ft.** **Site 12 of 14 in cluster E**

**Relative:** **Lower**
**Actual:** **233 ft.**

UST:

| | |
|---|---|
| Name: | SOUTH EL MONTE ARCO AM PM |
| Address: | 2004 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | LACoFA0040780 |
| Permitting Agency: | Los Angeles County Fire Department |
| Latitude: | 34.05203 |
| Longitude: | -118.06415 |

---

**C77** **SOUTHERN CALIF IMPORT DISMANT** **HIST UST** **S102229330**
**NNW** **2328 NO ROSEMEAD BLVD** **LOS ANGELES CO. HMS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **WIP**
**0.051 mi.**
**271 ft.** **Site 5 of 6 in cluster C**

**Relative:** **Higher**
**Actual:** **239 ft.**

HIST UST:

| | |
|---|---|
| Name: | SOUTHERN CALIF IMPORT DISMANT |
| Address: | 2328 NO ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 000286FF |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000286FF.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |

**SOUTHERN CALIF IMPORT DISMANT (Continued)** **S102229330**

| | |
|---|---|
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |
| Total Tanks: | Not reported |
| Tank Num: | Not reported |
| Container Num: | Not reported |
| Year Installed: | Not reported |
| Tank Capacity: | Not reported |
| Tank Used for: | Not reported |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | SO CAL IMPORT DISMANTLERS |
| Address: | 2328 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 000257-I00258 |
| Facility Type: | 01 |
| Facility Status: | Closed |
| Area: | 3U |
| Permit Number: | 000008075 |
| Permit Status: | Closed |

WIP:

| | |
|---|---|
| Name: | SOUTHERN CALIF. IMPORT DISMANT |
| Address: | 2328 N Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0342 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**C78** **SOUTHERN CALIF. IMPORT DISMANT** **HIST UST** **1000409088**
**NNW** **2328 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.051 mi.**
**271 ft.** **Site 6 of 6 in cluster C**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

HIST UST:

| | |
|---|---|
| Name: | SOUTHERN CALIF. IMPORT DISMANT |
| Address: | 2328 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000055926 |
| Facility Type: | Other |
| Other Type: | AUTO DISMANTLER |
| Contact Name: | Not reported |

**SOUTHERN CALIF. IMPORT DISMANT (Continued)** **1000409088**

| | |
|---|---|
| Telephone: | 8183500200 |
| Owner Name: | SOUTHERN CALIF. IMPORT DISMANT |
| Owner Address: | 2328 NO. ROSEMEAD BLVD. |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0001 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000000 |
| Tank Used for: | Not reported |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

---

**F79** **GILMORE LIQUID AIR CO** **SWEEPS UST** **S105032687**
**SE** **9503 E RUSH ST** **HIST UST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.054 mi.** **CERS**
**284 ft.** **Site 6 of 11 in cluster F**

**Relative:** **Lower**
**Actual:** **236 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | GILMORE LIQUID AIR CO |
| Address: | 9503 E RUSH ST |
| City: | SOUTH EL MONTE |
| Status: | Not reported |
| Comp Number: | 11693 |
| Number: | Not reported |
| Board Of Equalization: | Not reported |
| Referral Date: | Not reported |
| Action Date: | Not reported |
| Created Date: | Not reported |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-011693-000001 |
| Tank Status: | Not reported |
| Capacity: | 2000 |
| Active Date: | Not reported |
| Tank Use: | M.V. FUEL |
| STG: | PRODUCT |
| Content: | LEADED |
| Number Of Tanks: | 1 |

HIST UST:

| | |
|---|---|
| Name: | GILMORE LIQUID AIR COMPANY |
| Address: | 9503 E RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 00026B8B |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026B8B.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |

**GILMORE LIQUID AIR CO (Continued)** **S105032687**

Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:
Name: GILMORE LIQUID AIR CO
Address: 9503 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 011640-011693
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00003263T
Permit Status: Removed

CERS:
Name: GILMORE LIQUID AIR COMPANY
Address: 9503 E RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 33237
CERS ID: 10265842
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 33237
Site Name: GILMORE LIQUID AIR COMPANY
Violation Date: 11-09-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 01/11/2017. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-11-2017
Violations Found: No

**GILMORE LIQUID AIR CO (Continued)** **S105032687**

Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed, HMBP submitted as of 12/16/16; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTED BY J. ROONEY CONSENT GIVEN BY KEVIN GILMORE
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Joey Gilmore, Account Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 33237
Facility Name: GILMORE LIQUID AIR COMPANY
Env Int Type Code: HMBP
Program ID: 10265842
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.052330
Longitude: -118.062050

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

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9503 E RUSH ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer

**GILMORE LIQUID AIR CO (Continued)** **S105032687**

| | |
|---|---|
| Entity Name: | James Gilmore |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | JOHN AWUJO - LOS ANGELES COUNTY |
| Entity Title: | Not reported |
| Affiliation Address: | 900 S FREMONT AVE |
| Affiliation City: | ALHAMBRA |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 6264583507 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | James W Gilmore |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 443-1361 |
| | |
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | YUE RONG - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | Los Angeles |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Rick Smith |
| Entity Title: | Not reported |
| Affiliation Address: | 9503 E RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |

**GILMORE LIQUID AIR CO (Continued)** **S105032687**

Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: JIM GILMORE
Entity Title: Not reported
Affiliation Address: 9503 E RUSH ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 443-1361

Affiliation Type Desc: Parent Corporation
Entity Name: GILMORE LIQUID AIR COMPANY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: James Gilmore
Entity Title: Not reported
Affiliation Address: 9503 E RUSH ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 443-1361

Name: GILMORE LIQUID AIR COMPANY
Address: 9503 E RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 33237
CERS ID: T0603703833
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:
Site ID: 33237
Site Name: GILMORE LIQUID AIR COMPANY
Violation Date: 11-09-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 01/11/2017. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

**GILMORE LIQUID AIR CO (Continued)** **S105032687**

Evaluation:

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 01-11-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | CERS reviewed, HMBP submitted as of 12/16/16; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-21-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | INSPECTED BY J. ROONEY CONSENT GIVEN BY KEVIN GILMORE |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-09-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Joey Gilmore, Account Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Coordinates:

| | |
|---|---|
| Site ID: | 33237 |
| Facility Name: | GILMORE LIQUID AIR COMPANY |
| Env Int Type Code: | HMBP |
| Program ID: | 10265842 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 34.052330 |
| Longitude: | -118.062050 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | James Gilmore |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9503 E RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |

**GILMORE LIQUID AIR CO (Continued)** **S105032687**

| | |
|---|---|
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | James Gilmore |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | JOHN AWUJO - LOS ANGELES COUNTY |
| Entity Title: | Not reported |
| Affiliation Address: | 900 S FREMONT AVE |
| Affiliation City: | ALHAMBRA |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 6264583507 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | James W Gilmore |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 443-1361 |
| | |
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | YUE RONG - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | Los Angeles |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Rick Smith |
| Entity Title: | Not reported |
| Affiliation Address: | 9503 E RUSH ST |

**GILMORE LIQUID AIR CO (Continued)** **S105032687**

| | |
|---|---|
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | JIM GILMORE |
| Entity Title: | Not reported |
| Affiliation Address: | 9503 E RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 443-1361 |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | GILMORE LIQUID AIR COMPANY |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | James Gilmore |
| Entity Title: | Not reported |
| Affiliation Address: | 9503 E RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 443-1361 |

---

**F80** **UNIVERSAL EXHIBITS** **WIP** **S106765218**
**SE** **9517 RUSH ST** **N/A**
**< 1/8** **EL MONTE, CA 91733**
**0.056 mi.**
**297 ft.** **Site 7 of 11 in cluster F**

**Relative:** **Lower**
**Actual:** **236 ft.**

WIP:

| | |
|---|---|
| Name: | UNIVERSAL EXHIBITS |
| Address: | 9517 Rush St |
| City,State,Zip: | EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0124 |
| **File Status:** | **Historical** |
| Staff: | BPONEK |
| Facility Suite: | Not reported |

**D81** **HO SHUN LEE INC** **SWEEPS UST** **S102058572**
**ENE** **2209 CHICO AVE** **LOS ANGELES CO. HMS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.057 mi.**
**300 ft.** **Site 3 of 9 in cluster D**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | E.C. CONSTRUCTION CO |
| Address: | 2209 N CHICO AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 9200 |
| Number: | 9 |
| Board Of Equalization: | Not reported |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-009200-000001 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | 2 |

| | |
|---|---|
| Name: | E.C. CONSTRUCTION CO |
| Address: | 2209 N CHICO AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 9200 |
| Number: | 9 |
| Board Of Equalization: | Not reported |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-009200-000002 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | E C CONSTRUCTION CO |
| Address: | 2209 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | T |
| Facility Id: | 009393-009200 |
| Facility Type: | 0 |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | 00000191T |
| Permit Status: | Removed |

**HO SHUN LEE INC (Continued)** **S102058572**

CERS:
Name: HO SHUN LEE INC
Address: 2209 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 420361
CERS ID: 10298002
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Observed 3 x 11 gallon tanks of propane for the forklift and 2 walk-in coolers utilizing freon. Unable to verify freon quatiities at the time of inspection. Operator is required to verify and update inventory in the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: Site map is misisng access and exit points, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed

**HO SHUN LEE INC (Continued)** **S102058572**

to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. No training/business plan submitted for 2017. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency.

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 05-28-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. No Emergency Response Plan submitted for 2017. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 420361
Site Name: HO SHUN LEE INC
Violation Date: 09-07-2017
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 09/12/2017. OBSERVATION: The business failed to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. Observed an

**HO SHUN LEE INC (Continued)** **S102058572**

incorrect business activities submittal. Facility has hazardous materials onsite and needs updated in CERS to reflect "yes" for Hazardous Materials. CORRECTIVE ACTION: Complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 06-03-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERDS review and email sent
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-07-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jennifer Lui, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CERS submittals not complete.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-12-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: All violations have been abated. No further action required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 420361
Site Name: HO SHUN LEE INC
Site Address: 2209 CHICO AVE
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 05-28-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported

**HO SHUN LEE INC (Continued)** **S102058572**

Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: JENNIFER LUI
Entity Title: Not reported
Affiliation Address: 8021 LINWALT ST
Affiliation City: ROSEMEAD
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91770
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2209 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Legal Owner
Entity Name: JENNIFER LUI
Entity Title: Not reported
Affiliation Address: 2209 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 579-1345

Affiliation Type Desc: Parent Corporation
Entity Name: HO SHUN LEE INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: JENNIFER LUI

**HO SHUN LEE INC (Continued)** **S102058572**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 579-1345 |

---

**D82** **BOB WHITE PLUMBING CO INC** **HIST UST** **U001569439**
**ENE** **2209 1/2 CHICO AVENUE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.057 mi.**
**300 ft.** **Site 4 of 9 in cluster D**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

HIST UST:

| | |
|---|---|
| Name: | BOB WHITE PLUMBING CO INC |
| Address: | 2209 1/2 CHICO AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 000262F6 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000262F6.pdf |
| Region: | STATE |
| Facility ID: | 00000041466 |
| Facility Type: | Other |
| Other Type: | PLUMBING CONTRACTOR |
| Contact Name: | Not reported |
| Telephone: | 8185758577 |
| Owner Name: | E.C. CONSTRUCTION COMPANY |
| Owner Address: | 2213 N. CHICO AVENUE |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0002 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1979 |
| Tank Capacity: | 00006500 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |
| | |
| Tank Num: | 002 |
| Container Num: | 2 |
| Year Installed: | 1979 |
| Tank Capacity: | 00006500 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

Click here for Geo Tracker PDF:

**D83** **APPLIED SYSTEMS WATERPROOFING** **PEST LIC** **S106765286**
**ENE** **2209 CHICO AVE** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.057 mi.**
**300 ft.** **Site 5 of 9 in cluster D**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

PEST LIC:

| | |
|---|---|
| Name: | VITO G CLARIZIO |
| Address: | 2209 1/2 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Type: | QAL |
| Categories: | B |
| License No: | 153569 |
| Issued or Renewed Date: | 07/11/2019 |
| Expiration Date: | 12/31/2020 |

WIP:

| | |
|---|---|
| Name: | APPLIED SYSTEMS WATERPROOFING |
| Address: | 2209 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0446 |
| **File Status:** | **Historical** |
| Staff: | CRS |
| Facility Suite: | Not reported |

---

**D84** **E.C. CONSTRUCTION** **HIST UST** **U001569449**
**ENE** **2213 CHICO AVE** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.061 mi.**
**324 ft.** **Site 6 of 9 in cluster D**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

HIST UST:

| | |
|---|---|
| Name: | E.C. CONSTRUCTION CO. |
| Address: | 2213 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000041467 |
| Facility Type: | Other |
| Other Type: | CONTRACTOR'S YARD |
| Contact Name: | Not reported |
| Telephone: | 8184449596 |
| Owner Name: | E.C. CONSTRUCTION COMPANY |
| Owner Address: | 2213 N. CHICO AVENUE |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0006 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00001900 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |
| | |
| Tank Num: | 002 |

**E.C. CONSTRUCTION (Continued)** **U001569449**

| | |
|---|---|
| Container Num: | 2 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000500 |
| Tank Used for: | WASTE |
| Type of Fuel: | WASTE OIL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

| | |
|---|---|
| Tank Num: | 003 |
| Container Num: | 3 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000900 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

| | |
|---|---|
| Tank Num: | 004 |
| Container Num: | 4 |
| Year Installed: | Not reported |
| Tank Capacity: | 00008000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | PREMIUM |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

| | |
|---|---|
| Tank Num: | 005 |
| Container Num: | 5 |
| Year Installed: | Not reported |
| Tank Capacity: | 00008000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | PREMIUM |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

| | |
|---|---|
| Tank Num: | 006 |
| Container Num: | 6 |
| Year Installed: | 1979 |
| Tank Capacity: | 00008000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

WIP:

| | |
|---|---|
| Name: | E.C. CONSTRUCTION |
| Address: | 2213 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0458 |
| **File Status:** | **Historical** |
| Staff: | DKOO |
| Facility Suite: | Not reported |

**D85** **E C CONSTRUCTION CO** **RCRA NonGen / NLR** **1024782563**
**ENE** **2213 CHICO AVE** **CAD048462980**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.061 mi.**
**324 ft.** **Site 7 of 9 in cluster D**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 1983-06-02 00:00:00.0 |
| Facility name: | E C CONSTRUCTION CO |
| Facility address: | 2213 CHICO AVE<br>SOUTH EL MONTE, CA 91733-0000 |
| EPA ID: | CAD048462980 |
| Contact: | JOHN WALTERS |
| Contact address: | 2213 CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-705-2129 |
| Contact email: | JKW@ECCONST.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | E C CONSTRUCTION CO. |
| Owner/operator address: | 2213 CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-444-9596 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | JOHN WALTERS |
| Owner/operator address: | 2213 CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-705-2129 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |

**E C CONSTRUCTION CO (Continued)** **1024782563**

| | |
|---|---|
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

---

**D86** **E C CONSTRUCTION CO** **LUST** **U002286599**
**ENE** **2213 CHICO AVE** **AST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS HAZ WASTE**
**0.061 mi.** **SWEEPS UST**
**324 ft.** **Site 8 of 9 in cluster D** **HIST UST**
**CERS TANKS**
**Relative:** **Cortese**
**Higher** **HIST CORTESE**
**Actual:** **LOS ANGELES CO. HMS**
**240 ft.** **CERS**
**HWTS**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | I-14000 | |
| Status: | Case Closed | |
| Substance: | Gasoline | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Soil | |
| Abatement Method Used at the Site: | | Excavate and Dispose |
| Global ID: | T0603704128 | |
| W Global ID: | Not reported | |
| Staff: | UNK | |
| Local Agency: | 19000 | |
| Cross Street: | Not reported | |
| Enforcement Type: | | Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters |
| Date Leak Discovered: | Not reported | |
| Date Leak First Reported: | | 3/6/1990 |
| Date Leak Record Entered: | 4/29/1990 | |
| Date Confirmation Began: | 3/19/1990 | |
| Date Leak Stopped: | Not reported | |
| Date Case Last Changed on Database: | | 6/30/1992 |
| Date the Case was Closed: | | 5/21/1992 |
| How Leak Discovered: | Not reported | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | Not reported | |
| Leak Source: | Not reported | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 2977.21150928215574166115256 26 |
| Source of Cleanup Funding: | | F |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | Not reported |
| Pollution Characterization Began: | | Not reported |
| Remediation Plan Submitted: | | Not reported |

**E C CONSTRUCTION CO (Continued)** **U002286599**

Remedial Action Underway: 12/14/1989
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 1/1/1965
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: E. C. CONSTRUCTION COMPANY
RP Address: 2213 CHICO AVE., N., SOUTH EL MONTE, 91733
Program: LUST
Lat/Long: 34.0560663 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

LUST:
Name: E C. CONSTRUCTION COMPANY
Address: 2213 CHICO AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704128
Global Id: T0603704128
Latitude: 34.0560663
Longitude: -118.0600641
Status: Completed - Case Closed
Status Date: 07/08/2016
Case Worker: ALT
RB Case Number: I-14000A
Local Agency: Not reported
File Location: Regional Board
Local Case Number: C-589209
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603704128
Contact Type: Regional Board Caseworker
Contact Name: ADAM TAING
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 West 4th Street
City: LOS ANGELES
Email: adam.taing@waterboards.ca.gov
Phone Number: 2135766752

LUST:
Global Id: T0603704128
Action Type: Other

**E C CONSTRUCTION CO (Continued)** **U002286599**

Date: 08/17/1998
Action: Leak Discovery

Global Id: T0603704128
Action Type: RESPONSE
Date: 09/10/2015
Action: Closure Report

Global Id: T0603704128
Action Type: ENFORCEMENT
Date: 07/08/2016
Action: Closure/No Further Action Letter

Global Id: T0603704128
Action Type: Other
Date: 08/17/1998
Action: Leak Stopped

Global Id: T0603704128
Action Type: REMEDIATION
Date: 08/19/1998
Action: Excavation

Global Id: T0603704128
Action Type: ENFORCEMENT
Date: 01/20/2009
Action: Staff Letter

Global Id: T0603704128
Action Type: ENFORCEMENT
Date: 02/09/2016
Action: Notification - Preclosure

Global Id: T0603704128
Action Type: Other
Date: 03/06/1990
Action: Leak Reported

Global Id: T0603704128
Action Type: ENFORCEMENT
Date: 10/22/2008
Action: Referral to Regional Board - #CORR# 589209

Global Id: T0603704128
Action Type: RESPONSE
Date: 10/15/2015
Action: Other Report / Document

LUST:
Global Id: T0603704128
Status: Open - Case Begin Date
Status Date: 12/14/1989

Global Id: T0603704128
Status: Open - Remediation
Status Date: 12/14/1989

**E C CONSTRUCTION CO (Continued)** **U002286599**

Global Id: T0603704128
Status: Open - Site Assessment
Status Date: 03/19/1990

Global Id: T0603704128
Status: Completed - Case Closed
Status Date: 05/21/1992

Global Id: T0603704128
Status: Open - Reopen Case
Status Date: 01/27/2004

Global Id: T0603704128
Status: Open - Inactive
Status Date: 03/25/2004

Global Id: T0603704128
Status: Open - Referred
Status Date: 11/03/2008

Global Id: T0603704128
Status: Open - Site Assessment
Status Date: 01/20/2009

Global Id: T0603704128
Status: Open - Site Assessment
Status Date: 09/01/2015

Global Id: T0603704128
Status: Completed - Case Closed
Status Date: 07/08/2016

AST:
Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE
City/Zip: SOUTH EL MONTE,91733
Certified Unified Program Agencies: Not reported
Owner: SANDRA L. WALTERS
Total Gallons: Not reported
CERSID: 10266199
Facility ID: LACoFA0007384
Business Name: E C CONSTRUCTION CO
Phone: (626) 444-9596
Fax: (626)444-3077
Mailing Address: 2213 CHICO AVE
Mailing Address City: SOUTH EL MONTE
Mailing Address State: CA
Mailing Address Zip Code: 91733
Operator Name: JOHN K. WALTERS
Operator Phone: (626) 705-2129
Owner Phone: (626) 444-9596
Owner Mail Address: 2213 CHICO AVE
Owner State: CA
Owner Zip Code: 91733
Owner Country: United States
Property Owner Name: Sandra Walters

**E C CONSTRUCTION CO (Continued)** **U002286599**

Property Owner Phone: 626-444-9596
Property Owner Mailing Address: 2213 CHICO AVE
Property Owner City: SOUTH EL MONTE
Property Owner Stat : CA
Property Owner Zip Code: 91733
Property Owner Country: United States
EPAID: CAD048462980

CERS HAZ WASTE:
Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 391870
CERS ID: 10266199
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 5

Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

**E C CONSTRUCTION CO (Continued)** **U002286599**

Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 14000
Number: 9
Board Of Equalization: 44-010320
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-014000-000005
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W

**E C CONSTRUCTION CO (Continued)** **U002286599**

Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: EC CONSTRUCTION CO
Address: 2213 N CHICO AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 000262F9
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000262F9.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CERS TANKS:
Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 391870
CERS ID: 10266199
CERS Description: Aboveground Petroleum Storage

CORTESE:
Name: E C. CONSTRUCTION COMPANY
Address: 2213 CHICO AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603704128
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active

**E C CONSTRUCTION CO (Continued)** **U002286599**

| | |
|---|---|
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

HIST CORTESE:

| | |
|---|---|
| edr_fname: | E C. CONSTRUCTION COMPANY |
| edr_fadd1: | 2213 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | I-14000 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | E C CONSTRUCTION CO |
| Address: | 2213 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | T |
| Facility Id: | 013604-014000 |
| Facility Type: | 0 |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | 00005450T |
| Permit Status: | Removed |

| | |
|---|---|
| Name: | E C CONSTRUCTION CO |
| Address: | 2213 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 013604-I14000 |
| Facility Type: | 01 |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | 000083241 |
| Permit Status: | Removed |

CERS:

| | |
|---|---|
| Name: | E C CONSTRUCTION CO |
| Address: | 2213 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 391870 |
| CERS ID: | 10266199 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 391870 |
| Site Name: | E C CONSTRUCTION CO |
| Violation Date: | 08-31-2015 |
| Citation: | HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter |

**E C CONSTRUCTION CO (Continued)** **U002286599**

6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain SPCC plan onsite (applies if facility is manned at least four (4) hours per day).
Violation Notes: Returned to compliance on 09/30/2015. OBSERVATION: Failure to maintain SPCC plan onsite (applies if facility is manned at least four (4) hours per day). SPCC plan is not maintained onsite. CORRECTIVE ACTION: Maintain SPCC plan onsite ( If facility staffed 4 hrs/day)
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-02-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide appropriate secondary containment and/or diversionary structures or equipment for the following: bulk storage containers, mobile or portable containers, oil-filled equipment, piping and related appurtenances, mobile refuelers or non-transportation-related tank cars, and transfer areas, equipment and activities and ensure that the entire containment system, including walls and floor, are capable of containing oil and constructed so that any discharge will not escape the containment system before cleanup occurs.
Violation Notes: Returned to compliance on 10/05/2018. OBSERVATION: Failure to provide the appropriate containment/diversionary structures/equipment for the following: bulk storage containers, mobile or portable containers, oil-filled equipment, piping and related appurtenances, mobile refuelers or non-transportation-related tank cars, and transfer areas. CORRECTIVE ACTION: Provide appropriate containment measures and/or diversionary structures/equipment capable of containing oil and constructed so that any discharge will not escape the containment system before cleanup occurs.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-31-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 09/30/2015. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for the forklift propane cylinders (3 x 8-gal) and tack rig propane dewar (1x71-lb) to the CUPA. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

**E C CONSTRUCTION CO (Continued)** **U002286599**

| | |
|---|---|
| Site ID: | 391870 |
| Site Name: | E C CONSTRUCTION CO |
| Violation Date: | 08-02-2018 |
| Citation: | HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a) |
| Violation Description: | Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records. |
| Violation Notes: | Returned to compliance on 10/05/2018. OBSERVATION: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records. CORRECTIVE ACTION: Keep written inspection procedures, records of inspections and integrity testing, signed by appropriate supervisor/inspector, for at least 3 years. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 391870 |
| Site Name: | E C CONSTRUCTION CO |
| Violation Date: | 08-31-2015 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 09/24/2015. OBSERVATION: Hazardous waste labels on the used oil drums were missing. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 391870 |
| Site Name: | E C CONSTRUCTION CO |
| Violation Date: | 08-31-2015 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a site map with all required content. |
| Violation Notes: | Returned to compliance on 12/28/2016. OBSERVATION: The annotated site map submitted to the CUPA does not include the smaller propane cylinder storage area. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |

**E C CONSTRUCTION CO (Continued)** **U002286599**

Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-31-2015
Citation: HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description: Failure to retain paperwork documenting disposal of used oil for three years.
Violation Notes: Returned to compliance on 09/24/2015. OBSERVATION: The Owner/Operator failed to retain paperwork documenting disposal of used oil for 3 years. CORRECTIVE ACTION: The Owner/Operator shall maintain copies documenting disposal of used oil for aminimum of 3 years.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 391870
Site Name: E C CONSTRUCTION CO
Violation Date: 08-31-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 09/30/2015. OBSERVATION: Empty welding gas cylinders were stored but not labeled properly. Several empty one-gallon cans of paint were also piled next to several 5-gallon buckets of unused curing compound. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7 Dispose of empty paint cans properly and submit proof.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Gus Freeman, Facility Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-31-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: John K Walters, President Inspection of fueling / AST area.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown

**E C CONSTRUCTION CO (Continued)** **U002286599**

| | |
|---|---|
| Eval Date: | 10-01-2015 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 10-05-2015 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Submitted SPCC with incomplete sections such as AST information and inspection records. NOV partially abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-02-2018 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Gus Freeman, Facility Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-02-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Gus Freeman, Facility Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-31-2015 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | John K Walters, President Inspection of equipment yard, AST, and HM/HW storage areas. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-31-2015 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | John K Walters, President Inspection of equipment yard, AST, and HM/HW storage areas. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |

**E C CONSTRUCTION CO (Continued)** **U002286599**

Eval Date: 09-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Spoke with Gus Freeman; tank inspection records being kept; integrity testing to be scheduled; SPCC Plan revision and mobile refueler berms being completed; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-28-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed, HMPB accepted as of 1/7/2016. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact
Entity Name: JOHN K WALTERS
Entity Title: Not reported
Affiliation Address: 2213 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: SANDRA L. WALTERS
Entity Title: Not reported
Affiliation Address: 2213 CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733

**E C CONSTRUCTION CO (Continued)** **U002286599**

| | |
|---|---|
| Affiliation Phone: | (626) 444-9596 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | JOHN K. WALTERS |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 705-2129 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | E C CONSTRUCTION CO |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | CATHERINE HERNANDEZ |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2213 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | JOHN K WALTERS |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Sandra Walters |
| Entity Title: | Not reported |
| Affiliation Address: | 2213 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |

**E C CONSTRUCTION CO (Continued)** **U002286599**

Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 444-9596

Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 26954
CERS ID: T0603704128
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ADAM TAING - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 West 4th Street
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766752

HWTS:
Name: E C CONSTRUCTION CO
Address: 2213 N CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAX000044040
Inactive Date: 04/30/1986
Create Date: 05/19/1983
Last Act Date: 07/10/2001
Mailing Name: Not reported
Mailing Address: 2213 N CHICO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330000
Owner Name: --
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: INACTIVE PER SURVEY NOV 1994
Contact Address: KEN WALTERS
Contact Address 2: Not reported
City,State,Zip: --, 99 --

Name: E C CONSTRUCTION CO
Address: 2213 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAD048462980
Inactive Date: Not reported
Create Date: 06/02/1983
Last Act Date: 08/22/2019
Mailing Name: Not reported
Mailing Address: 2213 CHICO AVE

**E C CONSTRUCTION CO (Continued)** **U002286599**

| | |
|---|---|
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Owner Name: | E C CONSTRUCTION CO. |
| Owner Address: | 2213 CHICO AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact Name: | JOHN WALTERS |
| Contact Address: | 2213 CHICO AVE |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

NAICS:

| | |
|---|---|
| EPA ID: | CAD048462980 |
| Create Date: | 2005-03-14 14:21:08 |
| NAICS Code: | 81149 |
| NAICS Description: | Other Personal and Household Goods Repair and Maintenance |
| Issued EPA ID Date: | 1983-06-02 00:00:00 |
| Inactive Date: | Not reported |
| Facility Name: | E C CONSTRUCTION CO |
| Facility Address: | 2213 CHICO AVE |
| Facility Address 2: | Not reported |
| Facility City: | SOUTH EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 917330000 |

---

**D87** **AST** **A100344759**
**ENE** **2213 CHICO AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA**
**0.061 mi.**
**324 ft.** **Site 9 of 9 in cluster D**

**Relative:** **Higher**

**Actual:** **240 ft.**

AST:

| | |
|---|---|
| Name: | Not reported |
| Address: | 2213 CHICO AVE |
| City/Zip: | SOUTH EL MONTE, |
| Certified Unified Program Agencies: | Los Angeles County |
| Owner: | E C CONSTRUCTION CO |
| Total Gallons: | 3701 |
| CERSID: | Not reported |
| Facility ID: | Not reported |
| Business Name: | Not reported |
| Phone: | Not reported |
| Fax: | Not reported |
| Mailing Address: | Not reported |
| Mailing Address City: | Not reported |
| Mailing Address State: | Not reported |
| Mailing Address Zip Code: | Not reported |
| Operator Name: | Not reported |
| Operator Phone: | Not reported |
| Owner Phone: | Not reported |
| Owner Mail Address: | Not reported |
| Owner State: | Not reported |
| Owner Zip Code: | Not reported |
| Owner Country: | Not reported |
| Property Owner Name: | Not reported |
| Property Owner Phone: | Not reported |

**(Continued)** **A100344759**

Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

---

**E88** **PEC-LOS ANGELES** **HIST UST** **S112999341**
**SSW** **1942 N ROSEMEAD BLVD** **HAZNET** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **HWTS**
**0.062 mi.**
**329 ft.** **Site 13 of 14 in cluster E**

**Relative:**
**Lower**

**Actual:**
**233 ft.**

HIST UST:
Name: LOS ANGELES DIE MOLD
Address: 1942 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 00027F66
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027F66.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:
Name: PEC-LOS ANGELES
Address: 1942 N ROSEMEAD BLVD
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact: JOSHEPH B TOMCHO
Telephone: 7146720400

**PEC-LOS ANGELES (Continued)** **S112999341**

Mailing Name: Not reported
Mailing Address: 1125 BEACON ST

Year: 1997
Gepaid: CAD008343469
TSD EPA ID: CAD981696420
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.084

Year: 1997
Gepaid: CAD008343469
TSD EPA ID: CAD981696420
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: -
Tons: 0.3336

Year: 1997
Gepaid: CAD008343469
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: R01 - Recycler
Tons: 0.05

Year: 1997
Gepaid: CAD008343469
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.025

Year: 1997
Gepaid: CAD008343469
TSD EPA ID: CAD044429835
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: D99 - Disposal, Other
Tons: 0.125

Year: 1997
Gepaid: CAD008343469
TSD EPA ID: CAD044429835
CA Waste Code: 352 - Other organic solids
Disposal Method: D99 - Disposal, Other
Tons: 0.05

Year: 1997
Gepaid: CAD008343469
TSD EPA ID: CAD044429835
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: D99 - Disposal, Other
Tons: 0.0625

Year: 1996
Gepaid: CAD008343469
TSD EPA ID: CAD981696420
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: H01 - Transfer Station

**PEC-LOS ANGELES (Continued)** **S112999341**

Tons: 1.251

Year: 1996
Gepaid: CAD008343469
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H01 - Transfer Station
Tons: 0.722

Year: 1996
Gepaid: CAD008343469
TSD EPA ID: CAD981696420
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H01 - Transfer Station
Tons: 6.707

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

Additional Info:
Year: 1997
Gen EPA ID: CAD008343469

Shipment Date: 19970417
Creation Date: 7/17/1997 0:00:00
Receipt Date: 19970418
Manifest ID: 96237922
Trans EPA ID: CAL000027724
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970417
Creation Date: 7/17/1997 0:00:00
Receipt Date: 19970418
Manifest ID: 96237922
Trans EPA ID: CAL000027724
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.05 |
| Waste Quantity: | 100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970417 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19970423 |
| Manifest ID: | 96379727 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 551 - Laboratory waste chemicals 561 Detergent and soap |
| RCRA Code: | D001 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970417 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19970423 |
| Manifest ID: | 96379727 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 551 - Laboratory waste chemicals 561 Detergent and soap |
| RCRA Code: | D019 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.0075 |
| Waste Quantity: | 15 |
| Quantity Unit: | P |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970417 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19970423 |
| Manifest ID: | 96379727 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 551 - Laboratory waste chemicals 561 Detergent and soap |
| RCRA Code: | D001 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.005 |
| Waste Quantity: | 10 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970417 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19970421 |
| Manifest ID: | 96384965 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.3336 |
| Waste Quantity: | 80 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970417 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19970423 |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Manifest ID: | 96379728 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 122 - Alkaline solution without metals (pH > 12.5 |
| RCRA Code: | D002 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.0625 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970417 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19970423 |
| Manifest ID: | 96379728 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.05 |
| Waste Quantity: | 100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970417 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19970423 |
| Manifest ID: | 96379728 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |

**PEC-LOS ANGELES (Continued)** **S112999341**

CA Waste Code: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D008
Disposal Method: D99 - Disposal, Other
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970417
Creation Date: 6/26/1997 0:00:00
Receipt Date: 19970421
Manifest ID: 96384965
Trans EPA ID: CAL000027724
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981696420
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1996
Gen EPA ID: CAD008343469

Shipment Date: 19960910
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960910
Manifest ID: 96339901
Trans EPA ID: CAL000027724
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981696420
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 222 - Oil/water separation sludge
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.6255
Waste Quantity: 150

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960905 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19960905 |
| Manifest ID: | 96173571 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.57 |
| Waste Quantity: | 150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960730 |
| Creation Date: | 5/30/1997 0:00:00 |
| Receipt Date: | 19960730 |
| Manifest ID: | 96173367 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.444 |
| Waste Quantity: | 380 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960711 |
| Creation Date: | 5/20/1997 0:00:00 |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Receipt Date: | 19960711 |
| Manifest ID: | 95644526 |
| Trans EPA ID: | CAD980695761 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD980887418 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.722 |
| Waste Quantity: | 190 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19960613 |
| Creation Date: | 5/30/1997 0:00:00 |
| Receipt Date: | 19960613 |
| Manifest ID: | 96239880 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.38 |
| Waste Quantity: | 100 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19960613 |
| Creation Date: | 5/30/1997 0:00:00 |
| Receipt Date: | 19960613 |
| Manifest ID: | 96239882 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.266 |
| Waste Quantity: | 70 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960520 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19960520 |
| Manifest ID: | 95854465 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.19 |
| Waste Quantity: | 50 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960520 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19960520 |
| Manifest ID: | 95854463 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.19 |
| Waste Quantity: | 50 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960520 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19960521 |
| Manifest ID: | 96060860 |
| Trans EPA ID: | CAL922125668 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 241 - Tank bottom waste 251 Still bottoms with halogenated organics |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.9591 |
| Waste Quantity: | 230 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960429 |
| Creation Date: | 6/26/1997 0:00:00 |
| Receipt Date: | 19960429 |
| Manifest ID: | 95854410 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.57 |
| Waste Quantity: | 150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1995 |
| Gen EPA ID: | CAD008343469 |
| | |
| Shipment Date: | 19951212 |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Creation Date: | 7/29/1996 0:00:00 |
| Receipt Date: | 19951213 |
| Manifest ID: | 95864595 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.5838 |
| Waste Quantity: | 140 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19951121 |
| Creation Date: | 7/26/1996 0:00:00 |
| Receipt Date: | 19951122 |
| Manifest ID: | 95676615 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.57 |
| Waste Quantity: | 150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19951030 |
| Creation Date: | 7/26/1996 0:00:00 |
| Receipt Date: | 19951101 |
| Manifest ID: | 95676594 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.684 |
| Waste Quantity: | 180 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19951013 |
| Creation Date: | 7/26/1996 0:00:00 |
| Receipt Date: | 19951018 |
| Manifest ID: | 95534847 |
| Trans EPA ID: | CAL922125668 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 241 - Tank bottom waste 251 Still bottoms with halogenated organics |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.6255 |
| Waste Quantity: | 150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19951010 |
| Creation Date: | 7/26/1996 0:00:00 |
| Receipt Date: | 19951011 |
| Manifest ID: | 95676446 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.064 |
| Waste Quantity: | 280 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950817 |
| Creation Date: | 4/2/1996 0:00:00 |
| Receipt Date: | 19950818 |
| Manifest ID: | 95676621 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.045 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950718 |
| Creation Date: | 10/24/1995 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 95676569 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 1.064 |
| Waste Quantity: | 280 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950619 |
| Creation Date: | 4/2/1996 0:00:00 |
| Receipt Date: | 19950620 |
| Manifest ID: | 93578001 |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.634 |
| Waste Quantity: | 430 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19950519 |
| Creation Date: | 4/2/1996 0:00:00 |
| Receipt Date: | 19950522 |
| Manifest ID: | 95289367 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.064 |
| Waste Quantity: | 280 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19950426 |
| Creation Date: | 4/2/1996 0:00:00 |
| Receipt Date: | 19950427 |
| Manifest ID: | 95288645 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.064 |
| Waste Quantity: | 280 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1993 |
| Gen EPA ID: | CAD008343469 |
| Shipment Date: | 19931208 |
| Creation Date: | 9/14/1995 0:00:00 |
| Receipt Date: | 19931208 |
| Manifest ID: | 93041241 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.855 |
| Waste Quantity: | 225 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19931108 |
| Creation Date: | 9/14/1995 0:00:00 |
| Receipt Date: | 19931108 |
| Manifest ID: | 92318050 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.102 |
| Waste Quantity: | 290 |
| Quantity Unit: | G |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19931105 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 93040992 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.152 |
| Waste Quantity: | 40 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19931027 |
| Creation Date: | 9/13/1995 0:00:00 |
| Receipt Date: | 19931029 |
| Manifest ID: | 93156780 |
| Trans EPA ID: | ILD099202681 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000646117 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000646117 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 135 - Unspecified aqueous solution |
| RCRA Code: | Not reported |
| Disposal Method: | T01 - Treatment, Tank |
| Quantity Tons: | 0.462 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19931025 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | Not reported |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Manifest ID: | 93040943 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.988 |
| Waste Quantity: | 260 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19930923 |
| Creation Date: | 9/13/1995 0:00:00 |
| Receipt Date: | 19930923 |
| Manifest ID: | 93040303 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.159 |
| Waste Quantity: | 305 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19930819 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | 19930819 |
| Manifest ID: | 93039589 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.235 |
| Waste Quantity: | 325 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930727 |
| Creation Date: | 9/11/1995 0:00:00 |
| Receipt Date: | 19930727 |
| Manifest ID: | 93039294 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.102 |
| Waste Quantity: | 290 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930624 |
| Creation Date: | 3/26/1996 0:00:00 |
| Receipt Date: | 19930624 |
| Manifest ID: | 92630404 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0 |
| Waste Quantity: | 200 |
| Quantity Unit: | * |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930512 |
| Creation Date: | 3/26/1996 0:00:00 |
| Receipt Date: | 19930512 |
| Manifest ID: | 92630170 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0 |
| Waste Quantity: | 240 |
| Quantity Unit: | * |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1994 |
| Gen EPA ID: | CAD008343469 |
| | |
| Shipment Date: | 19941221 |
| Creation Date: | 10/19/1995 0:00:00 |
| Receipt Date: | 19941221 |
| Manifest ID: | 93583085 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.14 |
| Waste Quantity: | 300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19941121 |
| Creation Date: | 3/28/1996 0:00:00 |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Receipt Date: | 19941122 |
| Manifest ID: | 93583415 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.95 |
| Waste Quantity: | 250 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19941025 |
| Creation Date: | 3/28/1996 0:00:00 |
| Receipt Date: | 19941029 |
| Manifest ID: | 93577591 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.988 |
| Waste Quantity: | 260 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19940923 |
| Creation Date: | 10/17/1995 0:00:00 |
| Receipt Date: | 19940926 |
| Manifest ID: | 93583404 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.95 |
| Waste Quantity: | 250 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940822 |
| Creation Date: | 3/26/1996 0:00:00 |
| Receipt Date: | 19940825 |
| Manifest ID: | 93583994 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.102 |
| Waste Quantity: | 290 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940722 |
| Creation Date: | 3/26/1996 0:00:00 |
| Receipt Date: | 19940723 |
| Manifest ID: | 93113363 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.969 |
| Waste Quantity: | 255 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940603 |
| Creation Date: | 3/25/1996 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 93112591 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.95 |
| Waste Quantity: | 250 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940601 |
| Creation Date: | 3/26/1996 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 93361092 |
| Trans EPA ID: | CAL922125668 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 241 - Tank bottom waste 251 Still bottoms with halogenated organics |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0 |
| Waste Quantity: | 0 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940425 |
| Creation Date: | 3/25/1996 0:00:00 |
| Receipt Date: | 19940425 |
| Manifest ID: | 93111079 |
| Trans EPA ID: | CAL000027724 |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.14 |
| Waste Quantity: | 300 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19940318 |
| Creation Date: | 3/25/1996 0:00:00 |
| Receipt Date: | 19940318 |
| Manifest ID: | 92318308 |
| Trans EPA ID: | CAL000027724 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981696420 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.95 |
| Waste Quantity: | 250 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

HWTS:

| | |
|---|---|
| Name: | PEC-LOS ANGELES |
| Address: | 1942 N ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| EPA ID: | CAD008343469 |
| Inactive Date: | 06/30/1998 |
| Create Date: | 04/10/1987 |
| Last Act Date: | 09/14/2004 |
| Mailing Name: | PLASTIC ENGINEERED COMPONENTS |
| Mailing Address: | 1125 BEACON ST |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | BREA, CA 928212937 |
| Owner Name: | PLASTIC ENGINEERED COMPONENTS |

**PEC-LOS ANGELES (Continued)** **S112999341**

| | |
|---|---|
| Owner Address: | 111 BARCLAY BLVD #210 |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | LINCOLNSHIRE, IL 600693610 |
| Contact Name: | JOSHEPH B TOMCHO |
| Contact Address: | INACTIVE PER VQ98 - BMI |
| Contact Address 2: | Not reported |
| City,State,Zip: | BREA, CA 928212937 |

---

**E89** **LOS ANGELES DIE MOLD INC** **RCRA-SQG** **1000102034**
**SSW** **1942 N ROSEMEAD BLVD** **LUST** **CAD008343469**
**< 1/8** **SOUTH EL MONTE, CA 91733** **SWEEPS UST**
**0.062 mi.** **HIST UST**
**329 ft.** **Site 14 of 14 in cluster E** **FINDS**
**ECHO**
**Relative:** **HIST CORTESE**
**Lower** **LOS ANGELES CO. HMS**
**Actual:** **WIP**
**233 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | LOS ANGELES DIE MOLD INC |
| Facility address: | 1942 N ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD008343469 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |
| | |
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |

**LOS ANGELES DIE MOLD INC (Continued)** **1000102034**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 1985-09-06 00:00:00.0
Site name: LOS ANGELES DIE MOLD INC
Classification: Large Quantity Generator

Violation Status: No violations found

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 001824
Status: Preliminary site assessment workplan submitted
Substance: Hydraulic Oil
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700031
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: 2/7/1989
Date Leak First Reported: 3/12/1990
Date Leak Record Entered: 3/5/1990
Date Confirmation Began: Not reported
Date Leak Stopped: 2/7/1989
Date Case Last Changed on Database: 4/1/1991
Date the Case was Closed: Not reported
How Leak Discovered: Subsurface Monitoring

**LOS ANGELES DIE MOLD INC (Continued)** **1000102034**

| | |
|---|---|
| How Leak Stopped: | Not reported |
| Cause of Leak: | UNK |
| Leak Source: | UNK |
| Operator: | Not reported |
| Water System: | Not reported |
| Well Name: | Not reported |
| Approx. Dist To Production Well (ft): | 994.40362984821406305428O5879 |
| Source of Cleanup Funding: | UNK |
| Preliminary Site Assessment Workplan Submitted: | 2/15/1990 |
| Preliminary Site Assessment Began: | Not reported |
| Pollution Characterization Began: | Not reported |
| Remediation Plan Submitted: | Not reported |
| Remedial Action Underway: | Not reported |
| Post Remedial Action Monitoring Began: | Not reported |
| Enforcement Action Date: | Not reported |
| Historical Max MTBE Date: | Not reported |
| Hist Max MTBE Conc in Groundwater: | Not reported |
| Hist Max MTBE Conc in Soil: | Not reported |
| Significant Interim Remedial Action Taken: | Not reported |
| GW Qualifier: | Not reported |
| Soil Qualifier: | Not reported |
| Organization: | Not reported |
| Owner Contact: | Not reported |
| Responsible Party: | LOS ANGELES DIE MOLD |
| RP Address: | 1942 ROSEMEAD BLVD., SOUTH EL MONTE, 91733 |
| Program: | LUST |
| Lat/Long: | 34.0514406 / -1 |
| Local Agency Staff: | Not reported |
| Beneficial Use: | Not reported |
| Priority: | Not reported |
| Cleanup Fund Id: | Not reported |
| Suspended: | Not reported |
| Assigned Name: | Not reported |
| Summary: | Not reported |

SWEEPS UST:

| | |
|---|---|
| Name: | LOS ANGELES DIE MOLD |
| Address: | 1942 N ROSEMEAD BLVD |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 1824 |
| Number: | 9 |
| Board Of Equalization: | 44-007591 |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-001824-000001 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | 1 |

**LOS ANGELES DIE MOLD INC (Continued)** **1000102034**

HIST UST:

| | |
|---|---|
| Name: | LOS ANGELES DIE MOLD |
| Address: | 1942 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000041714 |
| Facility Type: | Other |
| Other Type: | CUSTOM INJECTION MOL |
| Contact Name: | Not reported |
| Telephone: | 2132835184 |
| Owner Name: | REXNORD INC. |
| Owner Address: | 350 N. SUNNY SLOPE |
| Owner City,St,Zip: | BROOKFIELD, WI 53005 |
| Total Tanks: | 0001 |
| | |
| Tank Num: | 001 |
| Container Num: | ONE |
| Year Installed: | Not reported |
| Tank Capacity: | 00000500 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |
| | |
| Tank Num: | 001 |
| Container Num: | 101 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000500 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

FINDS:

| | |
|---|---|
| Registry ID: | 110002632884 |
| Facility URL: | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002632884 |

Environmental Interest/Information System:

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

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

ECHO:

| | |
|---|---|
| Envid: | 1000102034 |
| Registry ID: | 110002632884 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002632884 |
| Name: | LOS ANGELES DIE MOLD INC |
| Address: | 1942 N ROSEMEAD BLVD |

**LOS ANGELES DIE MOLD INC (Continued)** **1000102034**

City,State,Zip: SOUTH EL MONTE, CA 91733

HIST CORTESE:
edr_fname: LOS ANGELES DIE MOLD
edr_fadd1: 1942 ROSEMEAD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 001824

LOS ANGELES CO. HMS:
Name: LOS ANGELES DIE MOLD
Address: 1942 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 001749-I01824
Facility Type: 01
Facility Status: Removed
Area: 3U
Permit Number: 000005756
Permit Status: Removed

Name: LOS ANGELES DIE MOLD
Address: 1942 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 001749-001824
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000131T
Permit Status: Removed

WIP:
Name: LOS ANGELES DIE MOLD
Address: 1942 N Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0215
**File Status: Historical**
Staff: CORTEZ
Facility Suite: Not reported

---

**F90** **COMMERCIAL CONVEYOR CO.** **WIP** **S106765487**
**SE** **9526 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.063 mi.**
**335 ft.** **Site 8 of 11 in cluster F**

**Relative:** WIP:
**Lower** Name: COMMERCIAL CONVEYOR CO.
Address: 9526 Rush St
**Actual:** City,State,Zip: SOUTH EL MONTE, CA 91733
**236 ft.**

**COMMERCIAL CONVEYOR CO. (Continued)** **S106765487**

Region: 4
File Number: 107.0751
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**F91** **PRODUCTION AUGERS, INC.** **WIP** **S106765890**
**SE** **9528 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.067 mi.**
**356 ft.** **Site 9 of 11 in cluster F**

**Relative:** **Lower**
**Actual:** **236 ft.**

WIP:
Name: PRODUCTION AUGERS, INC.
Address: 9528 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1389
**File Status: Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

---

**F92** **JARCAR LIMITED** **RCRA NonGen / NLR** **1000167940**
**SE** **9515 E RUSH ST** **FINDS** **CAT080014343**
**< 1/8** **SOUTH EL MONTE, CA 91733** **ECHO**
**0.069 mi.**
**365 ft.** **Site 10 of 11 in cluster F**

**Relative:** **Lower**
**Actual:** **236 ft.**

RCRA NonGen / NLR:
Date form received by agency: 1980-12-18 00:00:00.0
Facility name: JARCAR LIMITED
Facility address: 9515 E RUSH ST
SOUTH EL MONTE, CA 91733
EPA ID: CAT080014343
Mailing address: PO BOX 3124
SOUTH EL MONTE, CA 91733
Contact: ENVIRONMENTAL MANAGER
Contact address: 9515 E RUSH ST
SOUTH EL MONTE, CA 91733
Contact country: US
Contact telephone: 213-686-1936
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: J A ARONOW
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

**JARCAR LIMITED (Continued)** **1000167940**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

FINDS:
Registry ID: 110002946634
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002946634

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

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

ECHO:
Envid: 1000167940
Registry ID: 110002946634
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002946634
Name: JARCAR LIMITED
Address: 9515 E RUSH ST

**JARCAR LIMITED (Continued)** **1000167940**

City,State,Zip: SOUTH EL MONTE, CA 91733

---

**F93** **EL MONTE LEAD SALVAGE#** **RCRA-SQG** **1000301742**
**SE** **9517 E RUSH ST** **FINDS** **CAD048480719**
**< 1/8** **EL MONTE, CA 91733** **ECHO**
**0.071 mi.**
**377 ft.** **Site 11 of 11 in cluster F**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | EL MONTE LEAD SALVAGE# |
| Facility address: | 9517 E RUSH ST<br>EL MONTE, CA 91733 |
| EPA ID: | CAD048480719 |
| Mailing address: | PO BOX 3124<br>SO EL MONTE, CA 91733 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | RABIN N.C. |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

**EL MONTE LEAD SALVAGE# (Continued)** **1000301742**

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

Historical Generators:
- Date form received by agency: 1980-07-14 00:00:00.0
- Site name: EL MONTE LEAD SALVAGE#
- Classification: Large Quantity Generator

- Violation Status: No violations found

FINDS:
- Registry ID: 110002647208
- Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002647208

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

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

ECHO:
- Envid: 1000301742
- Registry ID: 110002647208
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002647208
- Name: EL MONTE LEAD SALVAGE#
- Address: 9517 E RUSH ST
- City,State,Zip: EL MONTE, CA 91733

---

**G94** **SIRUS AUTO WRECKING** **NPDES** **S106765970**
**SW** **2019 ROSEMEAD BLVD** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CIWQS**
**0.073 mi.**
**383 ft.** **Site 1 of 6 in cluster G**

**Relative:** NPDES:
**Lower**
- Name: SIRUS AUTO WRECKING
- Address: 2019 ROSEMEAD BLVD
- City,State,Zip: SOUTH EL MONTE, CA 91733

**Actual:**
**233 ft.**

**SIRUS AUTO WRECKING (Continued)** **S106765970**

| | |
|---|---|
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 4 19I004015 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Terminated |
| Status Date: | 04/03/1992 |
| Operator Name: | Sirus Frank |
| Operator Address: | 2019 Rosemead Blvd |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 268629 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19I004015 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 04/03/1992 |
| Status: | Terminated |
| Status Date: | 04/03/1992 |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Frank Sirus |
| Contact Title: | Not reported |
| Contact Phone: | 626-448-2734 |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |

**SIRUS AUTO WRECKING (Continued)** **S106765970**

| | |
|---|---|
| Operator Name: | Sirus, Frank |
| Operator Address: | 2019 Rosemead Blvd |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |
| Operator Contact: | Frank Sirus |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | 626-448-2734 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 626-448-2734 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | 5015-Motor Vehicle Parts, Used |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

WIP:

| | |
|---|---|
| Name: | SIRUS AUTO WRECKING |
| Address: | 2019 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1514 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

**SIRUS AUTO WRECKING (Continued)** **S106765970**

CIWQS:

| | |
|---|---|
| Name: | SIRUS AUTO WRECKING |
| Address: | 2019 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Agency: | Sirus, Frank |
| Agency Address: | 2019 Rosemead Blvd, South El Monte, CA 91733 |
| Place/Project Type: | Industrial - Motor Vehicle Parts, Used |
| SIC/NAICS: | 5015 |
| Region: | 4 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 4 19I004015 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 04/03/1992 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 34.05209 |
| Longitude: | -118.0644 |

---

**H95** **HATCH MASONRY INC** **UST** **U004050886**
**WNW** **2304 TROY AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.074 mi.**
**390 ft.** **Site 1 of 4 in cluster H**

**Relative:** **Lower**

**Actual:** **235 ft.**

UST:

| | |
|---|---|
| Name: | HATCH MASONRY INC |
| Address: | 2304 TROY AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | 9176 |
| Permitting Agency: | LOS ANGELES COUNTY |
| Latitude: | 34.0558997 |
| Longitude: | -118.0640537 |

---

**H96** **HATCH MASONRY INC** **SWEEPS UST** **1000169552**
**WNW** **2304 TROY AVE** **HIST UST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.074 mi.**
**390 ft.** **Site 2 of 4 in cluster H**

**Relative:** **Lower**

**Actual:** **235 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | HATCH MASONARY INC |
| Address: | 2304 TROY AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 9176 |
| Number: | 9 |

**HATCH MASONRY INC (Continued)** **1000169552**

Board Of Equalization: 44-008338
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009176-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Name: HATCH MASONARY INC
Address: 2304 TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9176
Number: 9
Board Of Equalization: 44-008338
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009176-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: HATCH MASONARY INC
Address: 2304 TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9176
Number: 9
Board Of Equalization: 44-008338
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009176-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: HATCH MASONRY INC
Address: 2304 TROY AVE

**HATCH MASONRY INC (Continued)** **1000169552**

City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 00026D7B
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026D7B.pdf
Region: STATE
Facility ID: 00000050760
Facility Type: Other
Other Type: MASONRY CONTRACTOR
Contact Name: BEN RUST
Telephone: 2132830752
Owner Name: HATCH MASONRY, INC.
Owner Address: 2304 TROY AVE.
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0002

Tank Num: 001
Container Num: #179558
Year Installed: 1977
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 523402
Year Installed: 1979
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:
Name: HATCH MASONRY INC
Address: 2304 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009371-009176
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000162T
Permit Status: Removed

---

**G97** **ROYAL BLUEPRINT CO.** **WIP** **S106765940**
**SW** **2013 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.076 mi.**
**400 ft.** **Site 2 of 6 in cluster G**

**Relative:** WIP:
**Lower** Name: ROYAL BLUEPRINT CO.
Address: 2013 Rosemead Blvd
**Actual:** City,State,Zip: SOUTH EL MONTE, CA 91733
**233 ft.**

**ROYAL BLUEPRINT CO. (Continued)** **S106765940**

Region: 4
File Number: 107.1470
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**I98** **ARTISTIC PRESENTATION, INC.** **WIP** **S106765377**
**NNW** **2400 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.078 mi.**
**412 ft.** **Site 1 of 9 in cluster I**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

WIP:
Name: ARTISTIC PRESENTATION, INC.
Address: 2400 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0583
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**J99** **TRAMPACIFIC COLLISION INC** **CERS HAZ WASTE** **S113801292**
**West** **2118 TROY AVE** **HAZNET** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.088 mi.** **HWTS**
**463 ft.** **Site 1 of 11 in cluster J**

**Relative:**
**Lower**

**Actual:**
**233 ft.**

CERS HAZ WASTE:
Name: TRAMPACIFIC COLLISION INC
Address: 2118 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 518901
CERS ID: 10283023
CERS Description: Hazardous Waste Generator

HAZNET:
Name: TRAMPACIFIC COLLISION INC
Address: 2118 TROY AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
Contact: RICHARD TRAM
Telephone: 6265828090
Mailing Name: Not reported
Mailing Address: 2118 TROY AVE

Year: 2012
Gepaid: CAL000371852
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.912

**TRAMPACIFIC COLLISION INC (Continued)** **S113801292**

Additional Info:

| | |
|---|---|
| Year: | 2012 |
| Gen EPA ID: | CAL000371852 |
| Shipment Date: | 20120312 |
| Creation Date: | 4/20/2012 20:30:22 |
| Receipt Date: | 20120313 |
| Manifest ID: | 001668118GBF |
| Trans EPA ID: | CAD982488470 |
| Trans Name: | SWIFT OIL & VACUUM INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | INDUSTRIAL SERVICE OIL CO INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 0.912 |
| Waste Quantity: | 240 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

CERS:

| | |
|---|---|
| Name: | TRAMPACIFIC COLLISION INC |
| Address: | 2118 TROY AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 518901 |
| CERS ID: | 10283023 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 518901 |
| Site Name: | TRAMPACIFIC COLLISION INC |
| Violation Date: | 08-19-2019 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | OBSERVATION: Uniform Hazardous Waste Manifests for waste paint were not available for review at the time of inspection. CORRECTIVE ACTION: Locate the most recent copy of manifest for waste paint and and submit to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| Site ID: | 518901 |

**TRAMPACIFIC COLLISION INC (Continued)** **S113801292**

Site Name: TRAMPACIFIC COLLISION INC
Violation Date: 05-09-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan by 4/1/16. Observed several 55 gallon drums for oil, coolant, and flammable waste. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 518901
Site Name: TRAMPACIFIC COLLISION INC
Violation Date: 08-19-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 09/05/2019. OBSERVATION: The business failed to complete and electronically submit a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Complete and electronically submit a business plan. Go to www.cers.calepa.ca.gov.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CATHY YONG
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: CATHY YONG
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2016
Violations Found: No
Eval Type: Routine done by local agency

**TRAMPACIFIC COLLISION INC (Continued)** **S113801292**

Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Kathy
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

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

Affiliation Type Desc: Legal Owner
Entity Name: Philip Hau
Entity Title: Not reported
Affiliation Address: 2118 Troy Ave.
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 307-0422

Affiliation Type Desc: Operator
Entity Name: Philip Hau
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 307-0422

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

**TRAMPACIFIC COLLISION INC (Continued)** **S113801292**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | 2118 Troy Ave. |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Philip Hau |
| Entity Title: | Not reported |
| Affiliation Address: | 2118 Troy Ave. |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Philip Hau |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | Philip Complete Auto Body |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

HWTS:

| | |
|---|---|
| Name: | TRAMPACIFIC COLLISION INC |
| Address: | 2118 TROY AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAL000371852 |
| Inactive Date: | 06/30/2012 |
| Create Date: | 02/17/2012 |
| Last Act Date: | 03/26/2014 |
| Mailing Name: | Not reported |
| Mailing Address: | 2118 TROY AVE |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Owner Name: | TRAMPACIFIC COLLISION INC |
| Owner Address: | 2118 TROY AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Contact Name: | RICHARD TRAM |

**TRAMPACIFIC COLLISION INC (Continued)** **S113801292**

Contact Address: 2118 TROY AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733

NAICS:
EPA ID: CAL000371852
Create Date: 2012-02-17 09:52:30
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 2012-02-17 09:52:30
Inactive Date: 2012-06-30 00:00:00
Facility Name: TRAMPACIFIC COLLISION INC
Facility Address: 2118 TROY AVE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: 19
Facility State: CA
Facility Zip: 91733

---

**J100** **PHILIP COMPLETE AUTO BODY** **RCRA NonGen / NLR** **1024836170**
**West** **2118 TROY AVE** **CAL000379164**
**< 1/8** **S EL MONTE, CA 91733**
**0.088 mi.**
**463 ft.** **Site 2 of 11 in cluster J**

**Relative:**
**Lower**

**Actual:**
**233 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2012-10-23 00:00:00.0
Facility name: PHILIP COMPLETE AUTO BODY
Facility address: 2118 TROY AVE
S EL MONTE, CA 91733-2536
EPA ID: CAL000379164
Contact: PHILIP HAU
Contact address: 3343 SAN GABRIEL BLVD.
ROSEMEAD, CA 91770
Contact country: Not reported
Contact telephone: 626-307-0422
Contact email: HJOHNNY85@GMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: PHILIP COMPLETE AUTO REPAIR
Owner/operator address: 2118 TROY AVE
S EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-323-5775
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: PHILIP HAU
Owner/operator address: 3343 SAN GABRIEL BLVD.

**PHILIP COMPLETE AUTO BODY (Continued)** **1024836170**

ROSEMEAD, CA 91770
Owner/operator country: Not reported
Owner/operator telephone: 626-307-0422
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**J101** **T & T AUTO BODY & PAINT,I.HUYN** **EMI S106765852**
**West** **2118 TROY AV** **WIP N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.088 mi.**
**463 ft.** **Site 3 of 11 in cluster J**

**Relative:** **Lower**
**Actual:** **233 ft.**

EMI:
Name: T & T AUTO BODY & PAINT,I.HUYN
Address: 2118 TROY AV
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 81510
Air District Name: SC
SIC Code: 7538
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

**T & T AUTO BODY & PAINT,I.HUYN (Continued)** **S106765852**

WIP:
Name: OROZCO'S BODY SHOP
Address: 2118 Troy Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1327
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**H102** **RAYMOND DOLLAR CORP.** **WIP** **S106765911**
**West** **2206 TROY AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.089 mi.**
**471 ft.** **Site 3 of 4 in cluster H**

**Relative:** **Lower**
**Actual:** **234 ft.**

WIP:
Name: RAYMOND DOLLAR CORP.
Address: 2206 Troy Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1428
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**H103** **RAYMOND DOLLAR CORP.** **CPS-SLIC** **S101539838**
**West** **2206 TROY** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.089 mi.**
**471 ft.** **Site 4 of 4 in cluster H**

**Relative:** **Lower**
**Actual:** **234 ft.**

SLIC REG 4:
Region: 4
Facility Status: No further action required
SLIC: 0004
Substance: Not reported
Staff: Not reported

---

**K104** **OIL LEE INC** **UST** **U004274378**
**SW** **1955 N ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.090 mi.**
**473 ft.** **Site 1 of 13 in cluster K**

**Relative:** **Lower**
**Actual:** **232 ft.**

UST:
Name: OIL LEE INC
Address: 1955 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: LACoFA0022587
Permitting Agency: Los Angeles County Fire Department
Latitude: 34.05147
Longitude: -118.06478

**OIL LEE INC (Continued)** **U004274378**

| | |
|---|---|
| Name: | CHUN AND JUNG LEE DBA CLJ SHELL |
| Address: | 1955 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | LACoFA0022587 |
| Permitting Agency: | Los Angeles County Fire Department |
| Latitude: | 34.05147 |
| Longitude: | -118.06478 |

---

**K105** **TEXACO #61-106-000570** **LUST** **S103282086**
**SW** **1955 ROSEMEAD BLVD N** **Cortese** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.090 mi.**
**473 ft.** **Site 2 of 13 in cluster K**

**Relative:** **Lower**
**Actual:** **232 ft.**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | R-06035 | |
| Status: | Case Closed | |
| Substance: | 1 | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Soil | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603704711 | |
| W Global ID: | Not reported | |
| Staff: | UNK | |
| Local Agency: | 19000 | |
| Cross Street: | Not reported | |
| Enforcement Type: | Not reported | |
| Date Leak Discovered: | Not reported | |
| Date Leak First Reported: | | 3/19/1998 |
| Date Leak Record Entered: | 4/3/1998 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | Not reported | |
| Date Case Last Changed on Database: | | 3/19/1998 |
| Date the Case was Closed: | | 3/19/1998 |
| How Leak Discovered: | Not reported | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | Not reported | |
| Leak Source: | Not reported | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 843.40478193869491778827193 39 |
| Source of Cleanup Funding: | | Not reported |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | Not reported |
| Pollution Characterization Began: | | Not reported |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | Not reported |
| Historical Max MTBE Date: | | Not reported |
| Hist Max MTBE Conc in Groundwater: | | Not reported |
| Hist Max MTBE Conc in Soil: | | Not reported |
| Significant Interim Remedial Action Taken: | | Not reported |

**TEXACO #61-106-000570 (Continued)** **S103282086**

| | |
|---|---|
| GW Qualifier: | Not reported |
| Soil Qualifier: | Not reported |
| Organization: | Not reported |
| Owner Contact: | Not reported |
| Responsible Party: | TEXACO INC. |
| RP Address: | 10 UNIVERSAL CITY PLAZA, UNIVERSAL CITY, CA 91608 |
| Program: | LUST |
| Lat/Long: | 34.0515336 / -1 |
| Local Agency Staff: | Not reported |
| Beneficial Use: | Not reported |
| Priority: | Not reported |
| Cleanup Fund Id: | Not reported |
| Suspended: | Not reported |
| Assigned Name: | Not reported |
| Summary: | LAC DPW CLOSURE APPLICATION #207694 |

LUST:

| | |
|---|---|
| Name: | SHELL SERVICE STATION |
| Address: | 1955 ROSEMEAD BLVD. N. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Case Type: | LUST Cleanup Site |
| Geo Track: | http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603792353 |
| Global Id: | T0603792353 |
| Latitude: | 34.05149 |
| Longitude: | -118.064784 |
| Status: | Completed - Case Closed |
| Status Date: | 11/01/2004 |
| Case Worker: | NB |
| RB Case Number: | R-06035A |
| Local Agency: | LOS ANGELES COUNTY |
| File Location: | Regional Board |
| Local Case Number: | 05823-026120 |
| Potential Media Affect: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Gasoline |
| Site History: | Not reported |

LUST:

| | |
|---|---|
| Global Id: | T0603792353 |
| Contact Type: | Local Agency Caseworker |
| Contact Name: | LAURA GAJDOS |
| Organization Name: | LOS ANGELES COUNTY |
| Address: | 900 S. FREMONT AVE. |
| City: | ALHAMBRA |
| Email: | Not reported |
| Phone Number: | Not reported |

| | |
|---|---|
| Global Id: | T0603792353 |
| Contact Type: | Regional Board Caseworker |
| Contact Name: | NHAN BAO |
| Organization Name: | LOS ANGELES RWQCB (REGION 4) |
| Address: | 320 WEST 4TH STREET, SUITE 200 |
| City: | LOS ANGELES |
| Email: | nbao@waterboards.ca.gov |
| Phone Number: | 2135766703 |

**TEXACO #61-106-000570 (Continued)** **S103282086**

LUST:

| | |
|---|---|
| Global Id: | T0603792353 |
| Action Type: | Other |
| Date: | 02/25/2002 |
| Action: | Leak Discovery |
| Global Id: | T0603792353 |
| Action Type: | RESPONSE |
| Date: | 05/07/2004 |
| Action: | Soil and Water Investigation Report |
| Global Id: | T0603792353 |
| Action Type: | RESPONSE |
| Date: | 05/07/2004 |
| Action: | Other Report / Document |
| Global Id: | T0603792353 |
| Action Type: | RESPONSE |
| Date: | 07/15/2004 |
| Action: | Monitoring Report - Quarterly |
| Global Id: | T0603792353 |
| Action Type: | RESPONSE |
| Date: | 10/15/2004 |
| Action: | Monitoring Report - Quarterly |
| Global Id: | T0603792353 |
| Action Type: | RESPONSE |
| Date: | 01/15/2005 |
| Action: | Unknown |
| Global Id: | T0603792353 |
| Action Type: | RESPONSE |
| Date: | 05/07/2004 |
| Action: | Monitoring Report - Quarterly |
| Global Id: | T0603792353 |
| Action Type: | REMEDIATION |
| Date: | 09/26/1986 |
| Action: | Excavation |
| Global Id: | T0603792353 |
| Action Type: | Other |
| Date: | 09/30/2003 |
| Action: | Leak Reported |
| Global Id: | T0603792353 |
| Action Type: | ENFORCEMENT |
| Date: | 04/14/2004 |
| Action: | Staff Letter |
| Global Id: | T0603792353 |
| Action Type: | ENFORCEMENT |
| Date: | 11/01/2004 |
| Action: | Closure/No Further Action Letter |
| Global Id: | T0603792353 |

**TEXACO #61-106-000570 (Continued)** **S103282086**

Action Type: ENFORCEMENT
Date: 10/22/2004
Action: Site Visit / Inspection / Sampling

LUST:
Global Id: T0603792353
Status: Open - Case Begin Date
Status Date: 02/25/2002

Global Id: T0603792353
Status: Open - Site Assessment
Status Date: 09/30/2003

Global Id: T0603792353
Status: Completed - Case Closed
Status Date: 11/01/2004

Name: TEXACO #61-106-000570
Address: 1955 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704711
Global Id: T0603704711
Latitude: 34.05149
Longitude: -118.064784
Status: Completed - Case Closed
Status Date: 03/19/1998
Case Worker: JOA
RB Case Number: R-06035
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

LUST:
Global Id: T0603704711
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704711
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

**TEXACO #61-106-000570 (Continued)** **S103282086**

LUST:
Global Id: T0603704711
Action Type: Other
Date: 03/19/1998
Action: Leak Reported

LUST:
Global Id: T0603704711
Status: Completed - Case Closed
Status Date: 03/19/1998

Global Id: T0603704711
Status: Open - Case Begin Date
Status Date: 03/19/1998

CORTESE:
Name: TEXACO #61-106-000570
Address: 1955 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603704711
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: TEXACO #61-106-000570
Address: 1955 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 227340
CERS ID: T0603704711
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles

**TEXACO #61-106-000570 (Continued)** **S103282086**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

---

**K106** **CHUN AND JUNG LEE DBA CLJ SHELL** **CERS HAZ WASTE** **S104538044**
**SW** **1955 N ROSEMEAD BLVD** **SWEEPS UST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS TANKS**
**0.090 mi.** **LOS ANGELES CO. HMS**
**473 ft.** **Site 3 of 13 in cluster K** **CERS**

**Relative:** **Lower**
**Actual:** **232 ft.**

CERS HAZ WASTE:
Name: CHUN AND JUNG LEE DBA CLJ SHELL
Address: 1955 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 49073
CERS ID: 10285393
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: TEXACO OIL CORP
Address: 1955 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 6035
Number: 9
Board Of Equalization: 44-000217
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-006035-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 5

Name: TEXACO OIL CORP
Address: 1955 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 6035
Number: 9

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

Board Of Equalization: 44-000217
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-006035-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: TEXACO OIL CORP
Address: 1955 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 6035
Number: 9
Board Of Equalization: 44-000217
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-006035-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: TEXACO OIL CORP
Address: 1955 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 6035
Number: 9
Board Of Equalization: 44-000217
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-006035-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: TEXACO OIL CORP
Address: 1955 N ROSEMEAD BLVD
City: SOUTH EL MONTE

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

Status: Active
Comp Number: 6035
Number: 9
Board Of Equalization: 44-000217
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-006035-000005
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

CERS TANKS:
Name: CHUN AND JUNG LEE DBA CLJ SHELL
Address: 1955 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 49073
CERS ID: 10285393
CERS Description: Underground Storage Tank

LOS ANGELES CO. HMS:
Name: MIKE'S SHELL #120824
Address: 1955 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 917332950
Region: LA
Permit Category: T
Facility Id: 005823-026120
Facility Type: 0
Facility Status: Closed
Area: 3U
Permit Number: 000227334
Permit Status: Closed

CERS:
Name: CHUN AND JUNG LEE DBA CLJ SHELL
Address: 1955 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 49073
CERS ID: 10285393
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 01-25-2019
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Response Plan.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i) |
| Violation Description: | Failure to have a UST Monitoring Plan available on site. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-18-2015 |
| Citation: | 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i) |
| Violation Description: | Failure to submit, obtain approval, or maintain a complete/accurate response plan. |
| Violation Notes: | Returned to compliance on 07/20/2016. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8) |
| Violation Description: | Failure to submit or maintain a current facility plot plan. |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i) |
| Violation Description: | Failure to retain a copy of the permit to operate at the facility. |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i) |
| Violation Description: | Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.). |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

Violation Notes: Returned to compliance on 01/25/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 06-15-2016
Citation: 23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description: Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.
Violation Notes: Returned to compliance on 07/20/2016.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 12-27-2017
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: Failure to test the spill bucket annually.
Violation Notes: Returned to compliance on 01/25/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 12-27-2017
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 01/25/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 01-25-2019
Citation: 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 12-27-2017
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| | 16, Section(s) 2638(d) |
| Violation Description: | Failure to submit the Annual Monitoring System Certification Form to the UPA within 30 days of completion of the test. |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-18-2015 |
| Citation: | 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i) |
| Violation Description: | Failure to maintain on site an approved monitoring plan. |
| Violation Notes: | Returned to compliance on 07/20/2016. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-15-2016 |
| Citation: | 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8) |
| Violation Description: | Failure to submit or update a plot plan. |
| Violation Notes: | Returned to compliance on 07/20/2016. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 01-25-2019 |
| Citation: | HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286 |
| Violation Description: | Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | HSC 6.7 25284(a)(3)(A) & (B); - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A) & (B); |
| Violation Description: | Failure to implement or maintain a written agreement between the UST permit holder and the operator (owner/operator agreement). |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

Violation Date: 06-15-2016
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 07/20/2016.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 12-27-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 01/25/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 07-18-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/15/2017. OBSERVATION: One 55-gallon drum containing water contaminated with gasoline was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 01-25-2019
Citation: 23 CCR 16 2712(b)(1) and (2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1) and (2)
Violation Description: Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 06-13-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| Violation Description: | Failure to retain a copy of the permit to operate at the facility. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 01-25-2019 |
| Citation: | 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d) |
| Violation Description: | Failure to submit the G Monitoring System Certification FormG to the UPA within 30 days of completion of the test. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 07-18-2017 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste. |
| Violation Notes: | Returned to compliance on 09/08/2017. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have obtained an EPA ID number. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | 23 CCR 16 2632(c)(2)(B), 2634(d)(1)(a), 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(c)(2)(B), 2634(d)(1)(a), 2636(f)(1) |
| Violation Description: | Failure of the leak detection equipment to have an audible and visual alarm as required. |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 01-25-2019 |
| Citation: | 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h) |
| Violation Description: | Failure to submit a current UST Response Plan available on site. |
| Violation Notes: | Not reported |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 01-25-2019
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 12-27-2017
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 01/25/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 11-01-2019
Citation: 23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description: "Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."
Violation Notes: SUBMITTED RPTS LIST EMERY SHEN 1/25/19 SB989(C938263) & 6/19/19 OVFL(C938265). 1/25/19 NOTIF WAS FOR C&H,6/19/19 WAS JQ ENGIN(SCTR ONLY)SUBMIT RPTS FROM C&H FUELS FOR 1/25/19. IF OVFL NOT CONDUCTED THAT DAY, SUBMIT NOTIF,TEST,SUBMIT REPORT-7 DAYS.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 05-29-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| | Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 09/10/2014. OBSERVATION: The business failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Complete a Hazardous Materials Business Plan and submit a copy to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i) |
| Violation Description: | Failure to have a UST Response Plan available on site. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34 |
| Violation Description: | Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h) |
| Violation Description: | Failure to have an approved UST Monitoring Plan. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 01-25-2019 |
| Citation: | 23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F) |
| Violation Description: | "Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."

Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 01-25-2019
Citation: 23 CCR 16 2716(a) through (e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(a) through (e)
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 01-25-2019
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description: Failure to submit the G Designated Underground Storage Tank Operator Identification FormG within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 01-25-2019
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 01-25-2019
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description: Failure to submit the G Underground Storage Tank Statement of Understanding and Compliance Form.G
Violation Notes: Not reported
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 12-27-2017
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 01/25/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Violation Date: 06-15-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes: Returned to compliance on 07/20/2016.
Violation Division: Los Angeles County Department of Public Works

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| Violation Program: | UST |
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712 |
| Violation Description: | Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system. |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293 |
| Violation Description: | Failure to maintain UST records of monitoring, testing, repairing, and closure in sufficient detail to enable the UPA to determine whether the UST systems are in compliance. |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-15-2016 |
| Citation: | 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b) |
| Violation Description: | Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST. |
| Violation Notes: | Returned to compliance on 07/20/2016. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 16 2632, 2634, 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2712(b) |
| Violation Description: | Failure to maintain monitoring and maintenance records (e.g., alarm logs) and/or maintain records of appropriate follow-up actions. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c) |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| Violation Description: | Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-15-2016 |
| Citation: | 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i) |
| Violation Description: | Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.). |
| Violation Notes: | Returned to compliance on 07/20/2016. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c) |
| Violation Description: | Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2). |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 01-25-2019 |
| Citation: | 23 CCR 16 2637.1(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637.1(e) |
| Violation Description: | Failure to submit a copy of the spill containment test results on the |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| | G Spill Container Testing Report FormG to the UPA within 30 days after the test. |
| Violation Notes: | Not reported |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712 |
| Violation Description: | Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | 23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(2) |
| Violation Description: | Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO). |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h) |
| Violation Description: | Failure to have an approved UST Response Plan. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286 |
| Violation Description: | Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| Violation Date: | 06-13-2017 |
| Citation: | HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284 |
| Violation Description: | Failure to obtain a valid permit to operate from the CUPA. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-18-2015 |
| Citation: | 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638 |
| Violation Description: | Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test |
| Violation Notes: | Returned to compliance on 07/20/2016. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a) |
| Violation Description: | Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b) |
| Violation Description: | Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the UPA, for the life of the UST. |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |
| | |
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-18-2015 |
| Citation: | HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34 |
| Violation Description: | Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. |
| Violation Notes: | Returned to compliance on 07/20/2016. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-15-2016 |
| Citation: | 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637 |
| Violation Description: | Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester. |
| Violation Notes: | Returned to compliance on 07/20/2016. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 12-27-2017 |
| Citation: | 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665 |
| Violation Description: | Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. |
| Violation Notes: | Returned to compliance on 01/25/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 06-13-2017 |
| Citation: | 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d) |
| Violation Description: | Failure to submit the Annual Monitoring System Certification Form to the CUPA within 30 days of completion of the test. |
| Violation Notes: | Returned to compliance on 09/26/2019. |
| Violation Division: | Los Angeles County Department of Public Works |
| Violation Program: | UST |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 49073 |
| Site Name: | Chun and Jung Lee DBA CLJ Shell |
| Violation Date: | 11-01-2019 |
| Citation: | 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b) |
| Violation Description: | "Failure to submit a copy of the overfill prevention equipment |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

inspection results on the G Overfill Prevention Equipment Inspection Report FormG to the UPA within 30 days after the inspection. "

Violation Notes: SUBMITTED RPTS LIST EMERY SHEN 1/25/19 SB989(C938263) & 6/19/19 OVFL(C938265). 1/25/19 NOTIF WAS FOR C&H,6/19/19 WAS JQ ENGIN(SCTR ONLY)SUBMIT RPTS FROM C&H FUELS FOR 1/25/19. IF OVFL NOT CONDUCTED THAT DAY, SUBMIT NOTIF,TEST,SUBMIT REPORT-7 DAYS.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-29-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CHUN LEE NO SIGNIFICANT VIOLATIONS OBSERVED
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-10-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-01-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: NOVC:1/25/19 SB989 TEST LISTS EMERY SHEN AS TECH.NOTIF LISTEDC&H. 6/19/19 OVFL LISTS EMERY SHEN. 6/19/19 NOTIF WAS JQ(& NOT LIST OVFL)
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-18-2015 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | CTLS061815;SB989 062212;SUMPS/UDCS/SPBKS CLEAN&DRY.CTLS2014NOT N HMS CFO NOT CERS;RESPONSE PLAN NOT COMPLETED.CERS RED CORRECTIONS NEEDED |
| Eval Division: | Los Angeles County Department of Public Works |
| Eval Program: | UST |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-25-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | NOVC:O/DUE:OVFL & SB989;2018 CTLS NOT SUBMIT;DO RPT ERRORS;TANK3 X'D OUT\|NO LIQU IN SUMPS;SNSRS LOW/VERT;ANN:302LABEL/1FLOAT;3YR RPT@SITE |
| Eval Division: | Los Angeles County Department of Public Works |
| Eval Program: | UST |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-29-2014 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-17-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | CHUN LEE |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 12-27-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | 87M/87AUX/91/DSL: VR SIMPLICITY MS,AOSMITH DWPPNG; PLLD (LLD-EXCPT 87AUX)208 ALL SUMPS/UDCS;302 ANN. 2017 CTLS NOT SUBMITTED. |
| Eval Division: | Los Angeles County Department of Public Works |
| Eval Program: | UST |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 06-13-2017 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | SITE UNDER NEWO SINCE 4/2017,6/15/16 CTLS NOT SUBMITTED,NO CURRENT O WNER CERS SUBMITTAL,87A ANN 1/2017 ALARM RESPONSE,EXT O/F LIGHT |
| Eval Division: | Los Angeles County Department of Public Works |
| Eval Program: | UST |
| Eval Source: | CERS |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-15-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: MISSING CTLS DATED 10/16/15 & 6/18/15.MISSING SB989 REPORT DATED 11/ 2/15.INVALID BOE# IN CERS;CERS 44-047337 PROVIDED.CERS CORRS NEEDED.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 49073
Site Name: Chun and Jung Lee DBA CLJ Shell
Site Address: 1955 N ROSEMEAD BLVD
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 05-29-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1955 N ROSEMEAD BLVD
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Chun and Jung Lee DBA OIL LEE INC
Entity Title: Not reported
Affiliation Address: 1955 N ROSEMEAD BLVD
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 622-0577

Affiliation Type Desc: Parent Corporation
Entity Name: Oil Lee Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Property Owner Name

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| Entity Name: | Chun and Jung Lee DBA OIL LEE INC |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 N Rosemead Blvd. |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 622-0577 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Chun lee |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Chun and Jung Lee DBA OIL LEE INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 622-0577 |
| | |
| Affiliation Type Desc: | UST Tank Operator |
| Entity Name: | Chun and Jung Lee DBA OIL LEE INC |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 N Rosemead Blvd. |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 622-0577 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Chun and Jung Lee DBA OIL LEE INC |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 N ROSEMEAD BLVD |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Chun Lee |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**CHUN AND JUNG LEE DBA CLJ SHELL (Continued)** **S104538044**

| | |
|---|---|
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Chun lee |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 N ROSEMEAD BLVD |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 622-0577 |
| Affiliation Type Desc: | UST Tank Owner |
| Entity Name: | Chun and Jung Lee DBA OIL LEE INC |
| Entity Title: | Not reported |
| Affiliation Address: | 1955 N Rosemead Blvd. |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 622-0577 |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |

---

**K107** **OIL LEE INC DBA CLJ SHELL** **RCRA NonGen / NLR** **1024861359**
**SW** **1955 ROSEMEAD BLVD** **CAL000429832**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.090 mi.**
**473 ft.** **Site 4 of 13 in cluster K**

**Relative:**
**Lower**

**Actual:**
**232 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2017-08-07 00:00:00.0 |
| Facility name: | OIL LEE INC DBA CLJ SHELL |
| Facility address: | 1955 ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAL000429832 |
| Contact: | CHUN LEE |
| Contact address: | 2536 APPLE CREEK LN<br>HACIENDA HEIGHTS, CA 91745 |
| Contact country: | Not reported |
| Contact telephone: | 626-622-0577 |
| Contact email: | CHUNJR78@GMAIL.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | CHUN LEE |

**OIL LEE INC DBA CLJ SHELL (Continued)** **1024861359**

Owner/operator address: 2536 APPLE CREEK LN
HACIENDA HEIGHTS, CA 91745
Owner/operator country: Not reported
Owner/operator telephone: 626-622-0577
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CHUN LEE
Owner/operator address: 1955 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-622-0577
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**K108** **SHELL SERVICE STATION** **LUST** **S106164644**
**SW** **1955 ROSEMEAD BLVD. N.** **Cortese** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.090 mi.**
**473 ft.** **Site 5 of 13 in cluster K**

**Relative:**
**Lower**

**Actual:**
**232 ft.**

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-06035A
Status: Pollution Characterization
Substance: Gasoline
Substance Quantity: Not reported

**SHELL SERVICE STATION (Continued)** **S106164644**

| | | |
|---|---|---|
| Local Case No: | 05823-026120 | |
| Case Type: | Groundwater | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603792353 | |
| W Global ID: | Not reported | |
| Staff: | NB | |
| Local Agency: | 19000 | |
| Cross Street: | RUSH ST. | |
| Enforcement Type: | SEL | |
| Date Leak Discovered: | 2/25/2002 | |
| Date Leak First Reported: | | 9/30/2003 |
| Date Leak Record Entered: | Not reported | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | Not reported | |
| Date Case Last Changed on Database: | | Not reported |
| Date the Case was Closed: | | Not reported |
| How Leak Discovered: | Subsurface Monitoring | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | UNK | |
| Leak Source: | UNK | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | Not reported |
| Source of Cleanup Funding: | | UNK |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | Not reported |
| Pollution Characterization Began: | | 9/30/2003 |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | Not reported |
| Historical Max MTBE Date: | | 8/2/2002 |
| Hist Max MTBE Conc in Groundwater: | | 0 |
| Hist Max MTBE Conc in Soil: | | Not reported |
| Significant Interim Remedial Action Taken: | | Not reported |
| GW Qualifier: | ND | |
| Soil Qualifier: | Not reported | |
| Organization: | Not reported | |
| Owner Contact: | Not reported | |
| Responsible Party: | BRADLEY CLARK | |
| RP Address: | 911 S. PRIMROSE AVE. | |
| Program: | LUST | |
| Lat/Long: | 0 / 0 | |
| Local Agency Staff: | Not reported | |
| Beneficial Use: | Not reported | |
| Priority: | Not reported | |
| Cleanup Fund Id: | Not reported | |
| Suspended: | Not reported | |
| Assigned Name: | Not reported | |
| Summary: | Not reported | |

CORTESE:

| | |
|---|---|
| Name: | SHELL SERVICE STATION |
| Address: | 1955 ROSEMEAD BLVD. N. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | CORTESE |

**SHELL SERVICE STATION (Continued)** **S106164644**

| | |
|---|---|
| Envirostor Id: | Not reported |
| Global ID: | T0603792353 |
| Site/Facility Type: | LUST CLEANUP SITE |
| Cleanup Status: | COMPLETED - CASE CLOSED |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | active |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

CERS:

| | |
|---|---|
| Name: | SHELL SERVICE STATION |
| Address: | 1955 ROSEMEAD BLVD. N. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 200924 |
| CERS ID: | T0603716237 |
| CERS Description: | Leaking Underground Storage Tank Cleanup Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | NHAN BAO - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 WEST 4TH STREET, SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 2135766703 |

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | LAURA GAJDOS - LOS ANGELES COUNTY |
| Entity Title: | Not reported |
| Affiliation Address: | 900 S. FREMONT AVE. |
| Affiliation City: | ALHAMBRA |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | SAM STEVENS - LOS ANGELES COUNTY |
| Entity Title: | Not reported |
| Affiliation Address: | 900 S. FREMONT AVE. |
| Affiliation City: | ALHAMBRA |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |

**SHELL SERVICE STATION (Continued)** **S106164644**

Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: HA D. NGUYEN - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street, Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766658

Name: SHELL SERVICE STATION
Address: 1955 ROSEMEAD BLVD. N.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 200924
CERS ID: T0603792353
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: NHAN BAO - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 WEST 4TH STREET, SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766703

Affiliation Type Desc: Local Agency Caseworker
Entity Name: LAURA GAJDOS - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SAM STEVENS - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: HA D. NGUYEN - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street, Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA

**SHELL SERVICE STATION (Continued)** **S106164644**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766658

---

**K109** **SHELL SERVICE STATION** **LUST** **S103990656**
**SW** **1955 ROSEMEAD BLVD.** **Cortese** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.090 mi.**
**473 ft.** **Site 6 of 13 in cluster K**

**Relative:**
**Lower**

**Actual:**
**232 ft.**

LUST:
Name: SHELL SERVICE STATION
Address: 1955 ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603716237
Global Id: T0603716237
Latitude: 34.0515955786247
Longitude: -118.064659823418
Status: Completed - Case Closed
Status Date: 07/03/2012
Case Worker: HDN
RB Case Number: R-06035B
Local Agency: LOS ANGELES COUNTY
File Location: Regional Board
Local Case Number: 5823-26120
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603716237
Contact Type: Regional Board Caseworker
Contact Name: HA D. NGUYEN
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4th Street, Suite 200
City: LOS ANGELES
Email: hnguyen@waterboards.ca.gov
Phone Number: 2135766658

Global Id: T0603716237
Contact Type: Local Agency Caseworker
Contact Name: SAM STEVENS
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: Not reported
Phone Number: 6264583507

LUST:
Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 09/14/2011
Action: Staff Letter

Global Id: T0603716237

**SHELL SERVICE STATION (Continued)** **S103990656**

Action Type: Other
Date: 07/08/2005
Action: Leak Discovery

Global Id: T0603716237
Action Type: RESPONSE
Date: 04/15/2011
Action: Other Report / Document

Global Id: T0603716237
Action Type: RESPONSE
Date: 07/15/2011
Action: Other Report / Document

Global Id: T0603716237
Action Type: RESPONSE
Date: 06/03/2011
Action: Soil and Water Investigation Workplan

Global Id: T0603716237
Action Type: RESPONSE
Date: 01/15/2012
Action: Soil and Water Investigation Report

Global Id: T0603716237
Action Type: RESPONSE
Date: 12/30/2011
Action: Request for Closure

Global Id: T0603716237
Action Type: RESPONSE
Date: 01/15/2012
Action: Conceptual Site Model

Global Id: T0603716237
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 04/10/2012
Action: Notification - Preclosure

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 07/03/2012
Action: Closure/No Further Action Letter

Global Id: T0603716237
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 07/02/2012

**SHELL SERVICE STATION (Continued)** **S103990656**

Action: Closure/No Further Action Letter

Global Id: T0603716237
Action Type: Other
Date: 07/08/2005
Action: Leak Reported

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 07/07/2009
Action: Staff Letter

Global Id: T0603716237
Action Type: RESPONSE
Date: 08/22/2009
Action: Other Report / Document

Global Id: T0603716237
Action Type: ENFORCEMENT
Date: 04/07/2011
Action: Staff Letter

LUST:
Global Id: T0603716237
Status: Open - Case Begin Date
Status Date: 07/08/2005

Global Id: T0603716237
Status: Open - Site Assessment
Status Date: 07/27/2005

Global Id: T0603716237
Status: Open - Referred
Status Date: 04/21/2009

Global Id: T0603716237
Status: Open - Referred
Status Date: 04/28/2009

Global Id: T0603716237
Status: Open - Site Assessment
Status Date: 07/07/2009

Global Id: T0603716237
Status: Completed - Case Closed
Status Date: 07/03/2012

CORTESE:
Name: SHELL SERVICE STATION
Address: 1955 ROSEMEAD BLVD.

**SHELL SERVICE STATION (Continued)** **S103990656**

| | |
|---|---|
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | CORTESE |
| Envirostor Id: | Not reported |
| Global ID: | T0603716237 |
| Site/Facility Type: | LUST CLEANUP SITE |
| Cleanup Status: | COMPLETED - CASE CLOSED |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | active |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

---

**K110** **DONS TEXACO SERVICE** **EDR Hist Auto** **1020678667**
**SW** **1955 N ROSEMEAD BLVD** **N/A**
**< 1/8** **EL MONTE, CA 91733**
**0.090 mi.**
**473 ft.** **Site 7 of 13 in cluster K**

**Relative:** EDR Hist Auto
**Lower**

**Actual:**
**232 ft.**

| Year: | Name: | Type: |
|---|---|---|
| 1989 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 1989 | MIKES TEXACO | Gasoline Service Stations |
| 1991 | DONS TEXACO SERVICE | Gasoline Service Stations |
| 1991 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 1992 | DONS TEXACO SERVICE | Gasoline Service Stations |
| 1992 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 1993 | DONS TEXACO SERVICE | Gasoline Service Stations |
| 1993 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 1994 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 1995 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 1996 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 1997 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 1998 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 1999 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 2000 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 2001 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 2002 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 2003 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 2004 | MIKES TEXACO SERVICE | Gasoline Service Stations |
| 2005 | MIBARA INC | Gasoline Service Stations, NEC |
| 2006 | MIBARA INC | Gasoline Service Stations, NEC |
| 2007 | MIBARA INC | Gasoline Service Stations, NEC |
| 2008 | MIBARA INC | Gasoline Service Stations, NEC |
| 2009 | MIBARA INC | Gasoline Service Stations, NEC |
| 2010 | MIBARA INC | Gasoline Service Stations, NEC |
| 2011 | MIBARA INC | Gasoline Service Stations, NEC |

**DONS TEXACO SERVICE (Continued)** **1020678667**

| | | |
|---|---|---|
| 2012 | MIBARA INC | Gasoline Service Stations, NEC |
| 2013 | MIBARA INC | Gasoline Service Stations, NEC |
| 2014 | MIBARA INC | Gasoline Service Stations, NEC |

---

**K111** **TEXACO** **HIST UST** **U001569505**
**SW** **1955 N ROSEMEAD AND RUSH** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.090 mi.**
**473 ft.** **Site 8 of 13 in cluster K**

**Relative:** **Lower**

**Actual:** **232 ft.**

HIST UST:

| | |
|---|---|
| Name: | TEXACO |
| Address: | 1955 N ROSEMEAD AND RUSH |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 00028A86 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028A86.pdf |
| Region: | STATE |
| Facility ID: | 00000017114 |
| Facility Type: | Gas Station |
| Other Type: | Not reported |
| Contact Name: | DONALD G. HULL |
| Telephone: | 2134427010 |
| Owner Name: | TEXACO U.S.A. |
| Owner Address: | P. O. BOX 3756 - 3350 WILSHIRE |
| Owner City,St,Zip: | LOS ANGELES, CA 90010 |
| Total Tanks: | 0005 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1965 |
| Tank Capacity: | 00000550 |
| Tank Used for: | WASTE |
| Type of Fuel: | WASTE OIL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |
| | |
| Tank Num: | 002 |
| Container Num: | 2 |
| Year Installed: | 1965 |
| Tank Capacity: | 00006000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |
| | |
| Tank Num: | 003 |
| Container Num: | 3 |
| Year Installed: | 1965 |
| Tank Capacity: | 00006000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |
| | |
| Tank Num: | 004 |
| Container Num: | 4 |
| Year Installed: | 1965 |
| Tank Capacity: | 00006000 |

**TEXACO (Continued)** **U001569505**

| | |
|---|---|
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |
| Tank Num: | 005 |
| Container Num: | 5 |
| Year Installed: | 1965 |
| Tank Capacity: | 00006000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | PREMIUM |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

Click here for Geo Tracker PDF:

---

**K112** **TEXACO #61-106-000570** **HIST CORTESE** **S103639073**
**SW** **1955 ROSEMEAD** **N/A**
**< 1/8** **SO EL MONTE, CA 91733**
**0.090 mi.**
**473 ft.** **Site 9 of 13 in cluster K**

**Relative:** HIST CORTESE:
**Lower**

| | |
|---|---|
| edr_fname: | TEXACO #61-106-000570 |
| edr_fadd1: | 1955 ROSEMEAD |
| City,State,Zip: | SO EL MONTE, CA 91733 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | R-06035 |

**Actual:**
**232 ft.**

---

**K113** **TEXACO SERVICE STATION** **RCRA-SQG** **1006805385**
**SW** **1955 ROSEMEAD BLVD** **CAR000126474**
**< 1/8** **EL MONTE, CA 91733**
**0.090 mi.**
**473 ft.** **Site 10 of 13 in cluster K**

**Relative:** RCRA-SQG:
**Lower**

| | |
|---|---|
| Date form received by agency: | 2002-08-16 00:00:00.0 |
| Facility name: | TEXACO SERVICE STATION |
| Facility address: | 1955 ROSEMEAD BLVD<br>S A P 120824<br>EL MONTE, CA 91733 |
| EPA ID: | CAR000126474 |
| Mailing address: | P O BOX 2648<br>HOUSTON, TX 77252-2648 |
| Contact: | SONDRA BIENVENU |
| Contact address: | P O BOX 2648<br>HOUSTON, TX 77252-2648 |
| Contact country: | US |
| Contact telephone: | 713-241-5036 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of |

**Actual:**
**232 ft.**

**TEXACO SERVICE STATION (Continued)** **1006805385**

hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | EQUILON ENTERPRISES L L C |
| Owner/operator address: | P O BOX 2648<br>HOUSTON, TX 77252 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 713-241-5036 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

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

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

---

**K114** **MIKE'S SHELL** **UST** **U004265551**
**SW** **1955 N ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.090 mi.**
**473 ft.** **Site 11 of 13 in cluster K**

**Relative:** UST:
**Lower**

| | |
|---|---|
| **Actual:** Name: | MIKE'S SHELL |
| **232 ft.** Address: | 1955 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | LACoFA0022587 |
| Permitting Agency: | Los Angeles County Fire Department |

**MIKE'S SHELL (Continued)** **U004265551**

Latitude: 34.05147
Longitude: -118.06478

---

**K115** **MIKE'S TEXACO** **UST** **U004049468**
**SW** **1955 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.090 mi.**
**473 ft.** **Site 12 of 13 in cluster K**

**Relative:** **Lower**
**Actual:** **232 ft.**

UST:
Name: MIKE'S TEXACO
Address: 1955 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: 26120
Permitting Agency: LOS ANGELES COUNTY
Latitude: 34.052817
Longitude: -118.06341

---

**L116** **RIVERAS AUTO REPAIR** **WIP** **S106766013**
**NW** **9366 KLINGERMAN ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.090 mi.**
**477 ft.** **Site 1 of 5 in cluster L**

**Relative:** **Lower**
**Actual:** **236 ft.**

WIP:
Name: RIVERAS AUTO REPAIR
Address: 9366 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1583
**File Status:** **Historical**
Staff: AHSU
Facility Suite: Not reported

---

**J117** **ADVANCE AUTOMOTIVE GROUP** **RCRA NonGen / NLR** **1024837998**
**West** **2116 TROY AVE** **CAL000384203**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.091 mi.**
**479 ft.** **Site 4 of 11 in cluster J**

**Relative:** **Lower**
**Actual:** **232 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2013-04-08 00:00:00.0
Facility name: ADVANCE AUTOMOTIVE GROUP
Facility address: 2116 TROY AVE
SOUTH EL MONTE, CA 91733
EPA ID: CAL000384203
Contact: YEN DU/CEO
Contact address: 2116 TROY AVE
SOUTH EL MONTE, CA 91733
Contact country: Not reported
Contact telephone: 626-575-0252
Contact email: YENDU60@GMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

**ADVANCE AUTOMOTIVE GROUP (Continued)** **1024837998**

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | MODERN ADVANCE AUTO INC |
| Owner/operator address: | 2116 TROY AVE |
| | SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-575-0252 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | YEN DU/CEO |
| Owner/operator address: | 2116 TROY AVE |
| | SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-575-0252 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

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

Violation Status: No violations found

---

**J118** **ADVANCE AUTOMOTIVE GROUP** **CERS HAZ WASTE** **S106766080**
**West** **2116 TROY AVE** **HAZNET** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **WIP**
**0.091 mi.** **HWTS**
**479 ft.** **Site 5 of 11 in cluster J**

**Relative:** **Lower**

**Actual:** **232 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | ADVANCE AUTOMOTIVE GROUP |
| Address: | 2116 TROY AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 3159 |
| CERS ID: | 10488970 |

**ADVANCE AUTOMOTIVE GROUP (Continued)** **S106766080**

CERS Description: Hazardous Waste Generator

Violations:

Site ID: 3159
Site Name: Advance Automotive Group
Violation Date: 08-11-2017
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency. REPORTABLE HAZ MAT: used oil - 2 x 55gal drums
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 3159
Site Name: Advance Automotive Group
Violation Date: 08-11-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 01/12/2018. OBSERVATION: The generator's EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have reactivated the facility's EPA ID number.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 01-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HWTS reviewed; verified EPA ID issued to Advance Automotive Group as active; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Danny Huynh, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP

**ADVANCE AUTOMOTIVE GROUP (Continued)** **S106766080**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Danny Huynh, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

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

Affiliation Type Desc: Legal Owner
Entity Name: Yen Du
Entity Title: Not reported
Affiliation Address: 2116 Troy Avenue
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 575-0252

Affiliation Type Desc: Parent Corporation
Entity Name: Advance Automotive Group
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

**ADVANCE AUTOMOTIVE GROUP (Continued)** **S106766080**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact
Entity Name: DANNY HUYNH
Entity Title: Not reported
Affiliation Address: 2116 Troy Avenue
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2116 Troy Avenue
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: yen du
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Advance Automotive Group
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 575-0252

HAZNET:
Name: ADVANCE AUTOMOTIVE GROUP
Address: 2116 TROY AVE

**ADVANCE AUTOMOTIVE GROUP (Continued)** **S106766080**

Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
Contact: YEN DU
Telephone: 6265750252
Mailing Name: Not reported
Mailing Address: 2116 TROY AVE

Year: 2016
Gepaid: CAL000384203
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.198

Year: 2015
Gepaid: CAL000384203
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.198

Additional Info:
Year: 2016
Gen EPA ID: CAL000384203

Shipment Date: 20150630
Creation Date: 9/23/2015 22:15:22
Receipt Date: 20150702
Manifest ID: 002727645GBF
Trans EPA ID: CAR000129254
Trans Name: BENNY'S MAINTENANCE AND OIL FILTER RECYCLING INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 214 - Unspecified solvent mixture
RCRA Code: D001
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAL000384203

Shipment Date: 20150630
Creation Date: 9/23/2015 22:15:22

**ADVANCE AUTOMOTIVE GROUP (Continued)** **S106766080**

| | |
|---|---|
| Receipt Date: | 20150702 |
| Manifest ID: | 002727645GBF |
| Trans EPA ID: | CAR000129254 |
| Trans Name: | BENNY'S MAINTENANCE AND OIL FILTER RECYCLING INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO/KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Quantity Tons: | 0.198 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

WIP:

| | |
|---|---|
| Name: | WILCON INDUSTRIES |
| Address: | 2116 Troy Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1683 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

HWTS:

| | |
|---|---|
| Name: | ADVANCE AUTOMOTIVE GROUP |
| Address: | 2116 TROY AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAL000384203 |
| Inactive Date: | Not reported |
| Create Date: | 04/08/2013 |
| Last Act Date: | 09/01/2017 |
| Mailing Name: | Not reported |
| Mailing Address: | 2116 TROY AVE |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Owner Name: | MODERN ADVANCE AUTO INC |
| Owner Address: | 2116 TROY AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact Name: | YEN DU/CEO |
| Contact Address: | 2116 TROY AVE |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000384203 |
| Create Date: | 2013-04-08 10:19:01 |

**ADVANCE AUTOMOTIVE GROUP (Continued)** **S106766080**

| | |
|---|---|
| NAICS Code: | 99999 |
| NAICS Description: | Not Otherwise Specified |
| Issued EPA ID Date: | 2013-04-08 10:19:01 |
| Inactive Date: | Not reported |
| Facility Name: | ADVANCE AUTOMOTIVE GROUP |
| Facility Address: | 2116 TROY AVE |
| Facility Address 2: | Not reported |
| Facility City: | SOUTH EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 91733 |

| | |
|---|---|
| EPA ID: | CAL000384203 |
| Create Date: | 2017-09-01 13:45:09 |
| NAICS Code: | 811121 |
| NAICS Description: | Automotive Body, Paint, and Interior Repair and Maintenance |
| Issued EPA ID Date: | 2013-04-08 10:19:01 |
| Inactive Date: | Not reported |
| Facility Name: | ADVANCE AUTOMOTIVE GROUP |
| Facility Address: | 2116 TROY AVE |
| Facility Address 2: | Not reported |
| Facility City: | SOUTH EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 91733 |

---

**M119** **CONTINENTAL WOODWORKERS** **WIP** **S106765870**
**ENE** **2227 CHICO AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.093 mi.**
**489 ft.** **Site 1 of 7 in cluster M**

**Relative:** **Higher**

**Actual:** **241 ft.**

WIP:

| | |
|---|---|
| Name: | CONTINENTAL WOODWORKERS |
| Address: | 2227 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1356 |
| **File Status:** | **Historical** |
| Staff: | ACARLOS |
| Facility Suite: | Not reported |

---

**M120** **FULLIN TREE INC** **EDR Hist Auto** **1020484493**
**ENE** **2227 CHICO AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.093 mi.**
**489 ft.** **Site 2 of 7 in cluster M**

**Relative:** **Higher**

**Actual:** **241 ft.**

EDR Hist Auto

| Year: | Name: | Type: |
|---|---|---|
| 2006 | FULLIN TREE INC | Gasoline Service Stations |
| 2007 | FULLIN TREE INC | Gasoline Service Stations |
| 2008 | FULLIN TREE INC | Gasoline Service Stations |
| 2009 | FULLIN TREE INC | Gasoline Service Stations |

**N121** **JENCO PLATING INC** **RCRA-LQG** **1000177592**
**SE** **9536 RUSH ST.** **ENVIROSTOR** **CAD981450562**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS HAZ WASTE**
**0.093 mi.** **HIST UST**
**492 ft.** **Site 1 of 9 in cluster N** **EMI**
**LOS ANGELES CO. HMS**
**Relative:** **NPDES**
**Lower** **WDS**
**WIP**
**Actual:** **CIWQS**
**236 ft.** **CERS**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 2018-02-27 00:00:00.0 |
| Facility name: | JENCO PLATING INC |
| Facility address: | 9536 RUSH ST.<br>SOUTH EL MONTE, CA 91733-0000 |
| EPA ID: | CAD981450562 |
| Mailing address: | RUSH ST.<br>SOUTH EL MONTE, CA 91733-0000 |
| Contact: | ALLEN OREFICE |
| Contact address: | RUSH ST.<br>SOUTH EL MONTE, CA 91733-0000 |
| Contact country: | US |
| Contact telephone: | 626-443-6705 |
| Contact email: | PCOOKE@JENCOPLATINGINC.COM |
| EPA Region: | 09 |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | PAMELA COOKE |
| Owner/operator address: | RUSH ST.<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | US |
| Owner/operator telephone: | 626-443-6705 |
| Owner/operator email: | PCOOKE@JENCOPLATINGINC.COM |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 1995-10-01 00:00:00. |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | PAMELA COOKE |
| Owner/operator address: | RUSH ST.<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | US |

**JENCO PLATING INC (Continued)** **1000177592**

Owner/operator telephone: 626-443-6705
Owner/operator email: PCOOKE@JENCOPLATINGINC.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 1995-10-01 00:00:00.
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 2016-08-11 00:00:00.0
Site name: JENCO PLATING INC.
Classification: Large Quantity Generator

Date form received by agency: 2014-03-01 00:00:00.0
Site name: JENCO PLATING INC
Classification: Large Quantity Generator

Date form received by agency: 2010-07-27 00:00:00.0
Site name: JENCO PLATING
Classification: Large Quantity Generator

Date form received by agency: 2008-05-09 00:00:00.0
Site name: JENCO PLATING
Classification: Small Quantity Generator

Date form received by agency: 2002-02-11 00:00:00.0
Site name: JENCO PLATING INC
Classification: Small Quantity Generator

Date form received by agency: 2002-02-11 00:00:00.0
Site name: JENCO PLATING INC
Classification: Large Quantity Generator

Date form received by agency: 1986-03-04 00:00:00.0
Site name: JENCO PLATING, INC
Classification: Small Quantity Generator

**JENCO PLATING INC (Continued)** **1000177592**

Hazardous Waste Summary:

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

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

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

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

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

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

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 75823.2

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 75823.2

**JENCO PLATING INC (Continued)** **1000177592**

Violation Status: No violations found

ENVIROSTOR:
Name: JENCO PLATING, INC.
Address: 9536 E. RUSH DRIVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: 71002854
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 57
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.05179
Longitude: -118.0613
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981450562
Alias Type: EPA Identification Number
Alias Name: 71002854
Alias Type: Envirostor ID Number

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

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS HAZ WASTE:
Name: JENCO PLATING INC
Address: 9536 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733

**JENCO PLATING INC (Continued)** **1000177592**

Site ID: 395443
CERS ID: 10292170
CERS Description: Hazardous Waste Onsite Treatment

Name: JENCO PLATING INC
Address: 9536 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 395443
CERS ID: 10292170
CERS Description: RCRA LQ HW Generator

Name: JENCO PLATING INC
Address: 9536 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 395443
CERS ID: 10292170
CERS Description: Hazardous Waste Generator

HIST UST:
Name: JENCO PLATING AND ANDOIZING INC
Address: 9536 E RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 00027123
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027123.pdf
Region: STATE
Facility ID: 00000055685
Facility Type: Other
Other Type: ANODIZING
Contact Name: RONALD COOKE
Telephone: 8184436705
Owner Name: JENCO PLATING & ANODIZING INC.
Owner Address: 9536 E. RUSH ST.
Owner City,St,Zip: SOUTH EL MONTE, CA 9173
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000065
Tank Used for: WASTE
Type of Fuel: 06
Container Construction Thickness: 6
Leak Detection: Visual

Click here for Geo Tracker PDF:

EMI:
Name: JENCO PLATING & ANODIZING INC
Address: 9536 E RUSH
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 62852
Air District Name: SC
SIC Code: 3471

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | JENCO PLATING & ANODIZING INC |
| Address: | 9536 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 003098-I03209 |
| Facility Type: | 01 |
| Facility Status: | Closed |
| Area: | 3U |
| Permit Number: | 000004945 |
| Permit Status: | Closed |

NPDES:

| | |
|---|---|
| Name: | JENCO PLATING INC |
| Address: | 9536 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 4 19I001469 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Active |
| Status Date: | 03/27/1992 |
| Operator Name: | Pamela J Cooke |
| Operator Address: | 9536 Rush St |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Status: | Active |
| Agency Number: | 0 |
| Region: | 4 |
| Regulatory Measure ID: | 188810 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 4 19I001469 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 03/27/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Pamela J Cooke |
| Discharge Address: | 9536 Rush St |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 188810 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19I001469 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 03/27/1992 |
| Status: | Active |
| Status Date: | 03/27/1992 |
| Place Size: | 16564 |
| Place Size Unit: | SqFt |
| Contact: | Allen Orefice |
| Contact Title: | Quality Control Manager |
| Contact Phone: | 626-443-6705 |
| Contact Phone Ext: | Not reported |
| Contact Email: | aorefice@jencoplatinginc.com |
| Operator Name: | Pamela J Cooke |
| Operator Address: | 9536 Rush St |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |
| Operator Contact: | PAMELA Cooke |
| Operator Contact Title: | President |
| Operator Contact Phone: | 626-443-6705 |
| Operator Contact Phone Ext: | Not reported |

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Operator Contact Email: | pcooke@jencoplatinginc.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 626-443-6705 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Rio Hindo Channel |
| Certifier: | PAMELA COOKE |
| Certifier Title: | President |
| Certification Date: | 11-FEB-15 |
| Primary Sic: | 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

| | |
|---|---|
| Name: | JENCO PLATING INC |
| Address: | 9536 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Active |
| NPDES Number: | CAS000001 |
| Region: | 4 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 188810 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 4 19I001469 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 03/27/1992 |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 9536 Rush St |
| Discharge Name: | Pamela J Cooke |

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 4 |
| Regulatory Measure ID: | 188810 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 4 19I001469 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 03/27/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Pamela J Cooke |
| Discharge Address: | 9536 Rush St |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 188810 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19I001469 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 03/27/1992 |
| Status: | Active |
| Status Date: | 03/27/1992 |
| Place Size: | 16564 |
| Place Size Unit: | SqFt |
| Contact: | Allen Orefice |
| Contact Title: | Quality Control Manager |

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Contact Phone: | 626-443-6705 |
| Contact Phone Ext: | Not reported |
| Contact Email: | aorefice@jencoplatinginc.com |
| Operator Name: | Pamela J Cooke |
| Operator Address: | 9536 Rush St |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |
| Operator Contact: | PAMELA Cooke |
| Operator Contact Title: | President |
| Operator Contact Phone: | 626-443-6705 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | pcooke@jencoplatinginc.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 626-443-6705 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Rio Hindo Channel |
| Certifier: | PAMELA COOKE |
| Certifier Title: | President |
| Certification Date: | 11-FEB-15 |
| Primary Sic: | 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

WDS:

| | |
|---|---|
| Name: | JENCO PLATING INC |
| Address: | 9536 Rush St |
| City: | SOUTH EL MONTE |
| Facility ID: | 4 19I001469 |
| Facility Type: | Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or |

**JENCO PLATING INC (Continued)** **1000177592**

processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: 6264436705
Facility Contact: PAMELA COOKE
Agency Name: PAMELA J COOKE
Agency Address: 9536 Rush St
Agency City,St,Zip: South El Monte 917331537
Agency Contact: PAMELA COOKE
Agency Telephone: 6264436705
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:
Name: JENCO PLATING & ANDOIZING INC.
Address: 9536 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0197
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

CIWQS:
Name: JENCO PLATING INC
Address: 9536 RUSH ST

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Agency: | Pamela J Cooke |
| Agency Address: | 9536 Rush St, South El Monte, CA 91733 |
| Place/Project Type: | Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring |
| SIC/NAICS: | 3471 |
| Region: | 4 |
| Program: | INDSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 4 19I001469 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 03/27/1992 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 1 |
| Violations within 5 years: | 1 |
| Latitude: | 34.05185 |
| Longitude: | -118.06138 |

CERS:

| | |
|---|---|
| Name: | JENCO PLATING INC |
| Address: | 9536 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 395443 |
| CERS ID: | 233597 |
| CERS Description: | Industrial Facility Storm Water |

Violations:

| | |
|---|---|
| Site ID: | 395443 |
| Site Name: | JENCO PLATING INC |
| Violation Date: | 01-07-2016 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if the waste generated is a hazardous waste. |
| Violation Notes: | Returned to compliance on 12/13/2016. Provide a TTLC (STLC if required), flouride salts, and pH test results using hazardous waste methods using SW-846 Testing methods on the two rinse tanks 35A and 36A prior to the tanks being neutralized. Provide a copy of the results to this office and mainitain records at your facility. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 395443 |
| Site Name: | JENCO PLATING INC |
| Violation Date: | 08-14-2015 |
| Citation: | 2014-0057-DWQ - Industrial General Permit |
| Violation Description: | SWPPP |
| Violation Notes: | Failure to develop a complete SWPPP per Industrial General Permit No. 2014-0057-DWQ |

**JENCO PLATING INC (Continued)** **1000177592**

Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 395443
Site Name: JENCO PLATING INC
Violation Date: 01-07-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/13/2016. Properly placard with an NFPA 704 placard the chemical storage shed/trailer per LACoFC 5003.5
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Shop QC Mgr.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Allen Orifice-QC Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency

**JENCO PLATING INC (Continued)** **1000177592**

Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-17-2002
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2008
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Adequate SWPPP and BMPs.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Enforcement Action:
Site ID: 395443
Site Name: JENCO PLATING INC
Site Address: 9536 RUSH ST
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 04-19-2017
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Notice of Violation issued for failure to develop a complete SWPPP per Industrial General Permit No. 2014-0057-DWQ
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Coordinates:
Site ID: 395443
Facility Name: JENCO PLATING INC
Env Int Type Code: HMBP
Program ID: 10292170
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.051450
Longitude: -118.060840

Affiliation:
Affiliation Type Desc: Operator
Entity Name: PAMELA J COOKE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 443-6705 |
| | |
| Affiliation Type Desc: | Owner/Operator |
| Entity Name: | Pamela J Cooke |
| Entity Title: | Operator |
| Affiliation Address: | 9536 Rush St |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | JENCO PLATING INC |
| Entity Title: | Not reported |
| Affiliation Address: | 9536 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 443-6705 |
| | |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Pamela Cooke |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | AEM |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | PAMELA J COOKE |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | JENCO PLATING INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Richard Fallon Enterprises |
| Entity Title: | Not reported |
| Affiliation Address: | 1125 South 10th Avenue |
| Affiliation City: | Arcadia |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91006 |
| Affiliation Phone: | (626) 826-4836 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | PAMELA COOK |
| Entity Title: | Not reported |
| Affiliation Address: | 9536 E. RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9536 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Name: | JENCO PLATING INC |
| Address: | 9536 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 395443 |
| CERS ID: | 10292170 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 395443 |
| Site Name: | JENCO PLATING INC |
| Violation Date: | 01-07-2016 |

**JENCO PLATING INC (Continued)** **1000177592**

Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: Returned to compliance on 12/13/2016. Provide a TTLC (STLC if required), flouride salts, and pH test results using hazardous waste methods using SW-846 Testing methods on the two rinse tanks 35A and 36A prior to the tanks being neutralized. Provide a copy of the results to this office and mainitain records at your facility.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 395443
Site Name: JENCO PLATING INC
Violation Date: 08-14-2015
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SWPPP
Violation Notes: Failure to develop a complete SWPPP per Industrial General Permit No. 2014-0057-DWQ
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 395443
Site Name: JENCO PLATING INC
Violation Date: 01-07-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/13/2016. Properly placard with an NFPA 704 placard the chemical storage shed/trailer per LACoFC 5003.5
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Shop QC Mgr.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2016
Violations Found: Yes

**JENCO PLATING INC (Continued)** **1000177592**

Eval Type: Routine done by local agency
Eval Notes: Allen Orifice-QC Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Allen Orefice, Quality Control Manager
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-17-2002
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2008
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Adequate SWPPP and BMPs.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Enforcement Action:
Site ID: 395443
Site Name: JENCO PLATING INC
Site Address: 9536 RUSH ST
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 04-19-2017
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Notice of Violation issued for failure to develop a complete SWPPP per Industrial General Permit No. 2014-0057-DWQ
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

**JENCO PLATING INC (Continued)** **1000177592**

Coordinates:

| | |
|---|---|
| Site ID: | 395443 |
| Facility Name: | JENCO PLATING INC |
| Env Int Type Code: | HMBP |
| Program ID: | 10292170 |
| Coord Name: | Not reported |
| Ref Point Type Desc: | Center of a facility or station. |
| Latitude: | 34.051450 |
| Longitude: | -118.060840 |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | PAMELA J COOKE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 443-6705 |

| | |
|---|---|
| Affiliation Type Desc: | Owner/Operator |
| Entity Name: | Pamela J Cooke |
| Entity Title: | Operator |
| Affiliation Address: | 9536 Rush St |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | JENCO PLATING INC |
| Entity Title: | Not reported |
| Affiliation Address: | 9536 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 443-6705 |

| | |
|---|---|
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Pamela Cooke |
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | AEM |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | PAMELA J COOKE |
| Entity Title: | PRESIDENT |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | JENCO PLATING INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Richard Fallon Enterprises |
| Entity Title: | Not reported |
| Affiliation Address: | 1125 South 10th Avenue |
| Affiliation City: | Arcadia |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91006 |
| Affiliation Phone: | (626) 826-4836 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | PAMELA COOK |
| Entity Title: | Not reported |
| Affiliation Address: | 9536 E. RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |

**JENCO PLATING INC (Continued)** **1000177592**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | 9536 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

---

**I122** **HYDE ENGINEERING CORP.** **CPS-SLIC** **S106484586**
**NNW** **2428 ROSEMEAD BLVD** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.094 mi.**
**495 ft.** **Site 2 of 9 in cluster I**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | HYDE ENGINEERING |
| Address: | 2428 ROSEMEAD BLVD. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 03/21/1997 |
| Global Id: | SL603798776 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.055412 |
| Longitude: | -118.06308 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 107.1035 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | HYDE ENGINEERING CORP. |
| Address: | 2428 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1035 |
| **File Status:** | **Backlog** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | HYDE ENGINEERING |
| Address: | 2428 ROSEMEAD BLVD. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 225613 |
| CERS ID: | SL603798776 |
| CERS Description: | Cleanup Program Site |

**N123**
**SE**
**< 1/8**
**0.096 mi.**
**508 ft.**

**LEN GIFFORD PRINTING**
**9537 RUSH ST**
**SOUTH EL MONTE, CA 91733**

**Site 2 of 9 in cluster N**

**WIP** **S106765632**
**N/A**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

WIP:

| | |
|---|---|
| Name: | LEN GIFFORD PRINTING |
| Address: | 9537 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0971 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | 1/4 |

---

**N124**
**SE**
**< 1/8**
**0.096 mi.**
**508 ft.**

**ACCURATE HONE SERVICE**
**9537 RUSH ST**
**SOUTH EL MONTE, CA 91733**

**Site 3 of 9 in cluster N**

**WIP** **S106765320**
**N/A**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

WIP:

| | |
|---|---|
| Name: | ACCURATE HONE SERVICE |
| Address: | 9537 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0497 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**N125**
**SE**
**< 1/8**
**0.097 mi.**
**514 ft.**

**ARC TRONICS**
**9539 E RUSH ST**
**EL MONTE, CA 91733**

**Site 4 of 9 in cluster N**

**RCRA-SQG** **1000819931**
**CAD983659475**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1993-02-08 00:00:00.0 |
| Facility name: | ARC TRONICS |
| Facility address: | 9539 E RUSH ST<br>EL MONTE, CA 91733 |
| EPA ID: | CAD983659475 |
| Contact: | VICTOR DURAN |
| Contact address: | 9539 E RUSH ST<br>SOUTH EL MONTE, CA 91732 |
| Contact country: | US |
| Contact telephone: | 818-448-3505 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

**ARC TRONICS (Continued)** **1000819931**

Owner/Operator Summary:
- Owner/operator name: ARC TRONICS
- Owner/operator address: 9539 E RUSH ST
  SOUTH EL MONTE, CA 91732
- Owner/operator country: Not reported
- Owner/operator telephone: 818-448-3505
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: Not reported
- Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**I126** **DC SHEET METAL CO.** **WIP** **S106765979**
**NNW** **2426 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.098 mi.**
**515 ft.** **Site 3 of 9 in cluster I**

**Relative:** **Higher**

**Actual:** **239 ft.**

WIP:
- Name: DC SHEET METAL CO.
- Address: 2426 Rosemead Blvd
- City,State,Zip: SOUTH EL MONTE, CA 91733
- Region: 4
- File Number: 107.1526
- **File Status: Historical**
- Staff: BPONEK
- Facility Suite: Not reported

**I127** **CUNNINGHAM CO., INC.** **WIP** **S106765509**
**NNW** **2424 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.102 mi.**
**536 ft.** **Site 4 of 9 in cluster I**

**Relative:** **Higher**

**Actual:** **239 ft.**

WIP:

| | |
|---|---|
| Name: | CUNNINGHAM CO., INC. |
| Address: | 2424 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0783 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**K128** **ARCHITECTURAL ALUMINUM CLADDING INC.** **RCRA NonGen / NLR** **1024748237**
**SSW** **1935 ROSEMEAD BLVD** **CAC002968016**
**< 1/8** **S EL MONTE, CA 91733**
**0.105 mi.**
**553 ft.** **Site 13 of 13 in cluster K**

**Relative:** **Lower**

**Actual:** **232 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2018-06-25 00:00:00.0 |
| Facility name: | ARCHITECTURAL ALUMINUM CLADDING INC. |
| Facility address: | 1935 ROSEMEAD BLVD<br>S EL MONTE, CA 91733 |
| EPA ID: | CAC002968016 |
| Mailing address: | 2526 LOMA AVE<br>S EL MONTE, CA 91733 |
| Contact: | JENNY PENG |
| Contact address: | 2526 LOMA AVE<br>S EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-444-9833 |
| Contact email: | JENNY@AACLADDING.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | FREDA SHAR |
| Owner/operator address: | 2526 LOMA AVE<br>S EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-444-9833 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |
| Owner/operator name: | JENNY PENG |
| Owner/operator address: | 2526 LOMA AVE<br>S EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-444-9833 |

**ARCHITECTURAL ALUMINUM CLADDING INC. (Continued)** **1024748237**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**G129** **CAT CORRAL** **LOS ANGELES CO. HMS** **U003061369**
**WSW** **9359 RUSH ST** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.107 mi.**
**567 ft.** **Site 3 of 6 in cluster G**

**Relative:**
**Lower**

**Actual:**
**232 ft.**

LOS ANGELES CO. HMS:
Name: CAT CORRAL
Address: 9359 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 005292-I05492
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 00003004C
Permit Status: Closed

WIP:
Name: LITH-O-ROLL CORP
Address: 9359 E Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.5919
**File Status:** **Active**
Staff: CORTEZ
Facility Suite: Not reported

**G130** **LITH-O-ROLL** **RCRA NonGen / NLR** **1024799235**
**WSW** **9359 RUSH ST.** **CAL000208398**
**< 1/8** **SOUTH EL MONTE, CA 91734**
**0.107 mi.**
**567 ft.** **Site 4 of 6 in cluster G**

**Relative:** **Lower**

**Actual:** **232 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 1999-02-18 00:00:00.0 |
| Facility name: | LITH-O-ROLL |
| Facility address: | 9359 RUSH ST.<br>SOUTH EL MONTE, CA 91734-0000 |
| EPA ID: | CAL000208398 |
| Mailing address: | PO BOX 5328<br>EL MONTE, CA 91734-1328 |
| Contact: | KRIS MURRAY MATERIALS MANAGER |
| Contact address: | 9521 TELSTAR AVE<br>EL MONTE, CA 91734 |
| Contact country: | Not reported |
| Contact telephone: | 626-579-0340 |
| Contact email: | KRIS@LITHOROLL.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | KRIS MURRAY MATERIALS MANAGER |
| Owner/operator address: | 9521 TELSTAR AVE<br>EL MONTE, CA 91734 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-579-0340 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | RITA SEPE |
| Owner/operator address: | 9521 TELSTAR AVE<br>EL MONTE, CA 91734 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-579-0340 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |

**LITH-O-ROLL (Continued)** **1024799235**

| | |
|---|---|
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

---

**N131** **CALIF. HEAD AND BLOCK REBUILT** **WIP** **S106765452**
**SE** **9545 RUSH ST** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.108 mi.**
**570 ft.** **Site 5 of 9 in cluster N**

**Relative:** **Higher**
**Actual:** **237 ft.**

WIP:

| | |
|---|---|
| Name: | CALIF. HEAD AND BLOCK REBUILT |
| Address: | 9545 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0703 |
| **File Status:** | **Historical** |
| Staff: | YLU |
| Facility Suite: | Not reported |

---

**I132** **QUALITY MOBILE HOME PRODUCTS** **WIP** **S106765894**
**NNW** **2420 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.109 mi.**
**578 ft.** **Site 5 of 9 in cluster I**

**Relative:** **Higher**
**Actual:** **239 ft.**

WIP:

| | |
|---|---|
| Name: | QUALITY MOBILE HOME PRODUCTS |
| Address: | 2420 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1396 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**J133** **ARTHUR KAJIWARA EQUIPMENT CO.** **WIP** **S106765720**
**West** **2205 TROY AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.111 mi.**
**586 ft.** **Site 6 of 11 in cluster J**

**Relative:** **Lower**
**Actual:** **233 ft.**

WIP:

| | |
|---|---|
| Name: | ARTHUR KAJIWARA EQUIPMENT CO. |
| Address: | 2205 Troy Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1103 |

**ARTHUR KAJIWARA EQUIPMENT CO. (Continued)** **S106765720**

**File Status:** **Historical**
Staff: YLU
Facility Suite: Not reported

---

**J134** **ARTHUR K KAJIWARA EQP CO INC** **EDR Hist Cleaner** **1018465137**
**West** **2129 TROY AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.111 mi.**
**587 ft.** **Site 7 of 11 in cluster J**

**Relative:** EDR Hist Cleaner
**Lower**

**Actual:**
**233 ft.**

| Year: | Name: | Type: |
|---|---|---|
| 2013 | ARTHUR K KAJIWARA EQP CO INC | Garment Pressing And Cleaners' Agents |
| 2014 | ARTHUR K KAJIWARA EQP CO INC | Garment Pressing And Cleaners' Agents |

---

**J135** **ARTHUR KAJIWARA** **DRYCLEANERS** **S106765470**
**West** **2129 TROY AVENUE** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **HWTS**
**0.111 mi.**
**587 ft.** **Site 8 of 11 in cluster J**

**Relative:** DRYCLEANERS:
**Lower**

**Actual:**
**233 ft.**

| | |
|---|---|
| Name: | ARTHUR KAJIWARA |
| Address: | 2129 TROY AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| EPA Id: | CAC002990133 |
| NAICS Code: | 812320 |
| NAICS Description: | Drycleaning and Laundry Services (except Coin-Operated) |
| SIC Code: | 7211 |
| SIC Description: | Power Laundries, Family and Commercial |
| Create Date: | 11/20/2018 |
| Facility Active: | No |
| Inactive Date: | 02/19/2019 |
| Facility Addr2: | Not reported |
| Owner Name: | ARTHUR KAJIWARA |
| Owner Address: | 2129 TROY AVENUE |
| Owner Address 2: | Not reported |
| Owner Telephone: | 3236860800 |
| Contact Name: | ARTHUR KAJIWARA |
| Contact Address: | 2129 TROY AVENUE |
| Contact Address 2: | Not reported |
| Contact Telephone: | 3236860800 |
| Mailing Name: | Not reported |
| Mailing Address 1: | 2129 TROY AVENUE |
| Mailing Address 2: | Not reported |
| Mailing City: | SOUTH EL MONTE |
| Mailing State: | CA |
| Mailing Zip: | 91733 |
| Owner Fax: | 6264444484 |
| Region Code: | 3 |

WIP:

| | |
|---|---|
| Name: | ARTHUR KAJIWARA EQ. CO., INC. |
| Address: | 2129 Troy Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

**ARTHUR KAJIWARA (Continued)** **S106765470**

Region: 4
File Number: 107.0730
**File Status: Historical**
Staff: UNIDENTIFIED
Facility Suite: Not reported

HWTS:

| | |
|---|---|
| Name: | ARTHUR KAJIWARA |
| Address: | 2129 TROY AVENUE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAC002990133 |
| Inactive Date: | 02/19/2019 |
| Create Date: | 11/20/2018 |
| Last Act Date: | 02/20/2019 |
| Mailing Name: | Not reported |
| Mailing Address: | 2129 TROY AVENUE |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Owner Name: | ARTHUR KAJIWARA |
| Owner Address: | 2129 TROY AVENUE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Contact Name: | ARTHUR KAJIWARA |
| Contact Address: | 2129 TROY AVENUE |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

NAICS:

| | |
|---|---|
| EPA ID: | CAC002990133 |
| Create Date: | 2018-11-20 14:54:14 |
| NAICS Code: | 812320 |
| NAICS Description: | Drycleaning and Laundry Services (except Coin-Operated) |
| Issued EPA ID Date: | 2018-11-20 14:54:14 |
| Inactive Date: | 2019-02-19 14:54:14 |
| Facility Name: | ARTHUR KAJIWARA |
| Facility Address: | 2129 TROY AVENUE |
| Facility Address 2: | Not reported |
| Facility City: | SOUTH EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 91733 |

---

**J136** **ARTHUR KAJIWARA** **RCRA NonGen / NLR** **1024770230**
**West** **2129 TROY AVENUE** **CAC002990133**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.111 mi.**
**587 ft.** **Site 9 of 11 in cluster J**

**Relative:**
**Lower**

**Actual:**
**233 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2018-11-20 00:00:00.0 |
| Facility name: | ARTHUR KAJIWARA |
| Facility address: | 2129 TROY AVENUE<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAC002990133 |
| Contact: | ARTHUR KAJIWARA |
| Contact address: | 2129 TROY AVENUE |

**ARTHUR KAJIWARA (Continued)** **1024770230**

SOUTH EL MONTE, CA 91733
Contact country: Not reported
Contact telephone: 323-686-0800
Contact email: ARTKAJIWARAEQUIPMENT@HOTMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ARTHUR KAJIWARA
Owner/operator address: 2129 TROY AVENUE
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 323-686-0800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ARTHUR KAJIWARA
Owner/operator address: 2129 TROY AVENUE
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 323-686-0800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

**N137** **LA MISSION IRON WORKS** **CERS HAZ WASTE** **S106765733**
**SE** **9553 RUSH ST** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.111 mi.**
**588 ft.** **Site 6 of 9 in cluster N**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | ELIAS IRON WORKS |
| Address: | 9553 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 114254 |
| CERS ID: | 10285102 |
| CERS Description: | Hazardous Waste Generator |

WIP:

| | |
|---|---|
| Name: | LA MISSION IRON WORKS |
| Address: | 9553 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1126 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | ELIAS IRON WORKS |
| Address: | 9553 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 114254 |
| CERS ID: | 10285102 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 114254 |
| Site Name: | ELIAS IRON WORKS |
| Violation Date: | 07-17-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Submit your business plan electronically in CERS. Go to http://cers.calepa.ca.gov. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 114254 |
| Site Name: | ELIAS IRON WORKS |
| Violation Date: | 05-27-2014 |
| Citation: | HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a) |
| Violation Description: | Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | OBSERVATION: The business failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Submit documentation to the CUPA |

**LA MISSION IRON WORKS (Continued)** **S106765733**

demonstrating a Hazardous Materials Business Plan has been established and implemented.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-25-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ELIAS MOTA
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-26-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ELIAS MOTA
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

**LA MISSION IRON WORKS (Continued)** **S106765733**

Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 114254
Site Name: ELIAS IRON WORKS
Site Address: 9553 RUSH ST
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 05-27-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Legal Owner
Entity Name: ELIAS MOTA DOMINGUEZ
Entity Title: Not reported
Affiliation Address: 9553 E RUSH ST
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 579-3854

Affiliation Type Desc: Parent Corporation
Entity Name: ELIAS IRON WORKS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

**LA MISSION IRON WORKS (Continued)** **S106765733**

| | |
|---|---|
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9553 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | ELIAS MOTA DOMINGUEZ |
| Entity Title: | Not reported |
| Affiliation Address: | 9553 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

---

**M138** **TIP TOP LABEL CO** **RCRA-SQG** **1000134114**
**ENE** **2207 1/2 CHICO AVE** **FINDS** **CAD981396294**
**< 1/8** **EL MONTE, CA 91733** **ECHO**
**0.112 mi.** **HAZNET**
**593 ft.** **Site 3 of 7 in cluster M** **HWTS**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1986-04-14 00:00:00.0 |
| Facility name: | TIP TOP LABEL CO |
| Facility address: | 2207 1/2 CHICO AVE<br>EL MONTE, CA 91733 |
| EPA ID: | CAD981396294 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2207 1/2 CHICO AVE<br>SOUTH PASADENA, CA 91733 |
| Contact country: | US |
| Contact telephone: | 818-444-2961 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |

**TIP TOP LABEL CO (Continued)** **1000134114**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: VIRGIL & LORAINE JORDON
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

FINDS:
Registry ID: 110008267295
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008267295

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

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

ECHO:
Envid: 1000134114
Registry ID: 110008267295
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008267295

**TIP TOP LABEL CO (Continued)** **1000134114**

Name: TIP TOP LABEL CO
Address: 2207 1/2 CHICO AVE
City,State,Zip: EL MONTE, CA 91733

HAZNET:
Name: TIP TOP LABEL CO
Address: 2207 1/2 CHICO AVE
Address 2: Not reported
City,State,Zip: SO. EL MONTE, CA 917330000
Contact: UNDELIVERABLE 93 FEE FORM
Telephone: --
Mailing Name: Not reported
Mailing Address: 2207 1/2 CHICO AVE

Year: 1995
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2502

Year: 1995
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

Year: 1994
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.3753

Year: 1994
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

Year: 1993
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.5004

Year: 1993
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

Year: 1992

**TIP TOP LABEL CO (Continued)** **1000134114**

Gepaid: CAD981396294
TSD EPA ID: CAD009452657
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.0834

Year: 1992
Gepaid: CAD981396294
TSD EPA ID: CAD981397417
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: 01 -
Tons: 0.3753

Year: 1992
Gepaid: CAD981396294
TSD EPA ID: CAD009452657
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 0.1167

Year: 1991
Gepaid: CAD981396294
TSD EPA ID: CAD042245001
CA Waste Code: -
Disposal Method: 01 -
Tons: 0.1251

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

Additional Info:
Year: 1994
Gen EPA ID: CAD981396294

Shipment Date: 19940602
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940603
Manifest ID: 93711158
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
CA Waste Code: - Not reported
RCRA Code: Not reported
Disposal Method: R01 - Recycler
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

**TIP TOP LABEL CO (Continued)** **1000134114**

| | |
|---|---|
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940602 |
| Creation Date: | 3/26/1996 0:00:00 |
| Receipt Date: | 19940603 |
| Manifest ID: | 93711158 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981397417 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F002 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940408 |
| Creation Date: | 3/25/1996 0:00:00 |
| Receipt Date: | 19940411 |
| Manifest ID: | 93012916 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981397417 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F002 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940408 |
| Creation Date: | 3/25/1996 0:00:00 |
| Receipt Date: | 19940411 |
| Manifest ID: | 93012916 |
| Trans EPA ID: | CAD981414386 |

**TIP TOP LABEL CO (Continued)** **1000134114**

| | |
|---|---|
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981397417 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | - Not reported |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0 |
| Waste Quantity: | 0 |
| Quantity Unit: | Not reported |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940218 |
| Creation Date: | 9/15/1995 0:00:00 |
| Receipt Date: | 19940221 |
| Manifest ID: | 93006666 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD981397417 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F002 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1995 |
| Gen EPA ID: | CAD981396294 |
| | |
| Shipment Date: | 19950613 |
| Creation Date: | 4/3/1996 0:00:00 |
| Receipt Date: | 19950613 |
| Manifest ID: | 95663649 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |

**TIP TOP LABEL CO (Continued)** **1000134114**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | - Not reported |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0 |
| Waste Quantity: | 0 |
| Quantity Unit: | Not reported |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950613 |
| Creation Date: | 4/3/1996 0:00:00 |
| Receipt Date: | 19950613 |
| Manifest ID: | 95663649 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F002 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.2502 |
| Waste Quantity: | 60 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1993 |
| Gen EPA ID: | CAD981396294 |
| | |
| Shipment Date: | 19931201 |
| Creation Date: | 9/14/1995 0:00:00 |
| Receipt Date: | 19931202 |
| Manifest ID: | 93328189 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 211 - Halogenated solvents (chloroform, methyl chloride, |

**TIP TOP LABEL CO (Continued)** **1000134114**

| | |
|---|---|
| | perchloroethylene, etc. |
| RCRA Code: | F002 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930902 |
| Creation Date: | 9/13/1995 0:00:00 |
| Receipt Date: | 19930903 |
| Manifest ID: | 93073879 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F002 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930902 |
| Creation Date: | 9/13/1995 0:00:00 |
| Receipt Date: | 19930903 |
| Manifest ID: | 93073879 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | - Not reported |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0 |
| Waste Quantity: | 0 |
| Quantity Unit: | Not reported |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**TIP TOP LABEL CO (Continued)** **1000134114**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930716 |
| Creation Date: | 9/11/1995 0:00:00 |
| Receipt Date: | 19930717 |
| Manifest ID: | 93244602 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F002 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930716 |
| Creation Date: | 9/11/1995 0:00:00 |
| Receipt Date: | 19930717 |
| Manifest ID: | 93244602 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | - Not reported |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0 |
| Waste Quantity: | 0 |
| Quantity Unit: | Not reported |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930318 |
| Creation Date: | 9/6/1995 0:00:00 |
| Receipt Date: | 19930319 |
| Manifest ID: | 92772400 |

**TIP TOP LABEL CO (Continued)** **1000134114**

| | |
|---|---|
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | - Not reported |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0 |
| Waste Quantity: | 0 |
| Quantity Unit: | Not reported |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19930318 |
| Creation Date: | 9/6/1995 0:00:00 |
| Receipt Date: | 19930319 |
| Manifest ID: | 92772400 |
| Trans EPA ID: | CAD981414386 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981397417 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc. |
| RCRA Code: | F002 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

HWTS:

| | |
|---|---|
| Name: | TIP TOP LABEL CO |
| Address: | 2207 1/2 CHICO AVE |
| Address 2: | Not reported |
| City,State,Zip: | SO. EL MONTE, CA 917330000 |
| EPA ID: | CAD981396294 |
| Inactive Date: | 06/30/1993 |
| Create Date: | 04/10/1987 |
| Last Act Date: | 08/10/2004 |
| Mailing Name: | Not reported |
| Mailing Address: | 2207 1/2 CHICO AVE |
| Mailing Address 2: | Not reported |

**TIP TOP LABEL CO (Continued)** **1000134114**

| | |
|---|---|
| Mailing City,State,Zip: | SO. EL MONTE, CA 917330000 |
| Owner Name: | -- |
| Owner Address: | -- |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | --, 99 -- |
| Contact Name: | UNDELIVERABLE 93 FEE FORM |
| Contact Address: | -- |
| Contact Address 2: | Not reported |
| City,State,Zip: | --, 99 -- |

---

**M139** **TIP-TOP LABEL COMPANY** **CERS HAZ WASTE** **S106765287**
**ENE** **2207 CHICO AVE** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733** **CERS**
**0.112 mi.**
**593 ft.** **Site 4 of 7 in cluster M**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | C & H METAL PRODUCTS |
| Address: | 2207 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 100841 |
| CERS ID: | 10285435 |
| CERS Description: | Hazardous Waste Generator |

WIP:

| | |
|---|---|
| Name: | TIP-TOP LABEL COMPANY |
| Address: | 2207 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0447 |
| **File Status:** | **Historical** |
| Staff: | DKOO |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | C & H METAL PRODUCTS |
| Address: | 2207 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 100841 |
| CERS ID: | 10285435 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Violation Date: | 05-30-2019 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method. |
| Violation Notes: | OBSERVATION: Finely divided metal dust generated from laser fume filtration are being rinsed out of reusable filters in the sink into local sewer. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the finely divided metal dust has been properly characterized to determine if it is a hazardous waste due to Title 22 metal concentrations via TTLC method, and if necessary STLC. If determined to be hazardous submit manifests/receipts documenting |

**TIP-TOP LABEL COMPANY (Continued)** **S106765287**

| | |
|---|---|
| | proper disposal and a statement demonstrating how you will manage it in the future. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Violation Date: | 09-19-2016 |
| Citation: | HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507 |
| Violation Description: | Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 06/27/2018. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Hazardous Materials Above Threshold: propane - 100-gal dewar + 10-gal cylinder (3564 cubic feet + 356 cubic feet) oxygen - 1 x281-cubic foot cylinder argon-carbon dioxide - 3 x 330-cubic foot cylinders liquid nitrogen - 2 x 61-gal dewar liquid oxygen - 61-gal dewar waste hydraulic oil - 7 x 55-gal drums |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Violation Date: | 05-30-2019 |
| Citation: | HSC 6.5 25144.6 (b) - California Health and Safety Code, Chapter 6.5, Section(s) 25144.6 (b) |
| Violation Description: | Failure to properly manage reusable soiled textile materials prior to being sent for laundering. |
| Violation Notes: | Returned to compliance on 06/20/2019. OBSERVATION: Reusable soiled textiles being managed on site were observed; however, no record of rags service could be presented at the time of inspection. CORRECTIVE ACTION: Submit documention to the CUPA demonstrating that you are properly managing reusable soiled textiles in accordance with HSC 25144.6(b). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Violation Date: | 09-19-2016 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method. |
| Violation Notes: | Returned to compliance on 10/20/2016. OBSERVATION: One 55-gal drum (white drum) with unknown waste liquid was found next to the air compressor area. Any person who generates a waste shall determine if the waste is a hazardous waste. CORRECTIVE ACTION: Immediately make a |

**TIP-TOP LABEL COMPANY (Continued)** **S106765287**

| | |
|---|---|
| | hazardous waste determination and manage it according the Title 22 hazardous waste regulations, if hazardous. Submit a statement and supporting documentation explaining how this waste was managed 30 days from now. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Violation Date: | 09-19-2016 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Operations/Maintenance - General |
| Violation Notes: | Returned to compliance on 10/19/2016. OBSERVATION: One empty drum of hypochlorite (corrosive) was found without proper "EMPTY" labeling. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7 |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Violation Date: | 09-19-2016 |
| Citation: | 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d) |
| Violation Description: | Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days. |
| Violation Notes: | Returned to compliance on 10/19/2016. OBSERVATION: Seven drums of waste hydraulic oil were found stored >180 days. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA 30 days from now. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Violation Date: | 05-28-2014 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the |

**TIP-TOP LABEL COMPANY (Continued)** **S106765287**

| | |
|---|---|
| | thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | OBSERVATION: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Permit Delinquent...Not found in data dictionary???? |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Violation Date: | 09-19-2016 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste. |
| Violation Notes: | Returned to compliance on 10/19/2016. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA 30 days from now. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Violation Date: | 09-19-2016 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 10/19/2016. OBSERVATION: Seven drums of waste hydraulic oil did not have proper hazardous waste labeling. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-30-2019 |
| Violations Found: | No |

**TIP-TOP LABEL COMPANY (Continued)** **S106765287**

| | |
|---|---|
| Eval Type: | Routine done by local agency |
| Eval Notes: | Robert Fontes, Financial Officer |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-30-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Robert Fontes, Financial Officer |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| Eval General Type: | Other/Unknown |
| Eval Date: | 06-27-2018 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Revisit with Mr. Fontes, helped complete HM inventory in CERS; HMBP complete; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-19-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Bob Fontes, Financial Officer |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-19-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Bob Fontes, Financial Officer |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Other/Unknown |
| Eval Date: | 11-21-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | CERS reviewed; approved Facility and Plans; Inventory not complete; emailed Mr. Fontes to update CERS, followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Other/Unknown |
| Eval Date: | 11-21-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |

**TIP-TOP LABEL COMPANY (Continued)** **S106765287**

| | |
|---|---|
| Eval Notes: | Met with Bob Fontes and he stated that the unlabeled drum was determined to also contain used oil and picked up with other drums. NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 02-06-2018 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | 1st revisit; met with Mr. Bob Fontes; HMPB 2017 not complete; advised to complete 2018 HMBP; informed Mr. Fontes of potential RV fee; he agreed to complete HMBP within two weeks; followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-28-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | No CERS. Delinquent permit |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 10-19-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Waste manifest received for used oil and empty drum; waiting for confirmation that one unlabeled drum also contained used oil; followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 100841 |
| Site Name: | C & H METAL PRODUCTS |
| Site Address: | 2207 CHICO AVE |
| Site City: | SOUTH EL MONTE |
| Site Zip: | 91733 |
| Enf Action Date: | 05-28-2014 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Los Angeles County Fire Department |
| Enf Action Program: | HMRRP |
| Enf Action Source: | CERS |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | C & H Metal Products LLC |
| Entity Title: | Not reported |

**TIP-TOP LABEL COMPANY (Continued)** **S106765287**

| | |
|---|---|
| Affiliation Address: | 2207 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 442-4961 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | C & H METAL PRODUCTS |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Edward M. Cosio |
| Entity Title: | Not reported |
| Affiliation Address: | 1635 W. Chetney Dr. |
| Affiliation City: | West Covina |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91790 |
| Affiliation Phone: | (626) 338-0052 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Robert Fontes |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2207 Chico Ave. |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Robert Fontes |
| Entity Title: | Financial Officer |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**TIP-TOP LABEL COMPANY (Continued)** **S106765287**

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | C & H METAL PRODUCTS |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 442-4961 |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Robert Fontes |
| Entity Title: | Not reported |
| Affiliation Address: | 2207 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

---

**M140** **A & A SCREW PRODUCTS** **WIP** **S106765288**
**ENE** **2217 CHICO AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.112 mi.**
**593 ft.** **Site 5 of 7 in cluster M**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

WIP:

| | |
|---|---|
| Name: | A & A SCREW PRODUCTS |
| Address: | 2217 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0448 |
| **File Status:** | **Historical** |
| Staff: | BPONEK |
| Facility Suite: | Not reported |

**O141** **KUSTOM LIGHTING** **CERS HAZ WASTE** **S123515787**
**East** **2107 CHICO AVE** **CERS** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.112 mi.**
**594 ft.** **Site 1 of 13 in cluster O**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | KUSTOM LIGHTING |
| Address: | 2107 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 396040 |
| CERS ID: | 10286131 |
| CERS Description: | Hazardous Waste Generator |

CERS:

| | |
|---|---|
| Name: | KUSTOM LIGHTING |
| Address: | 2107 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 396040 |
| CERS ID: | 10286131 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Violation Date: | 07-30-2014 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/22/2017. OBSERVATION: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CERS comment to be updated online though CERS. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Violation Date: | 07-30-2014 |
| Citation: | 22 CCR 15 66265.32 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.32 |
| Violation Description: | Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance ) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and |

**KUSTOM LIGHTING (Continued)** **S123515787**

pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.

Violation Notes: Returned to compliance on 08/22/2017. Unable to view all drums in HW storage area.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396040
Site Name: KUSTOM LIGHTING
Violation Date: 07-30-2014
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.
Violation Notes: Returned to compliance on 08/22/2017. HW determination required on sand blast media prior to disposal.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 396040
Site Name: KUSTOM LIGHTING
Violation Date: 08-22-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/22/2017. OBSERVATION: The business failed to complete and electronically submit a business plan when handling hazardous materials at or above the reportable threshold quantities. CORRECTIVE ACTION: Complete and electronically submit a business plan. NOTE: Mr. Perez submitted all required information at the time of inspection.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 396040
Site Name: KUSTOM LIGHTING
Violation Date: 08-22-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

**KUSTOM LIGHTING (Continued)** **S123515787**

| | |
|---|---|
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 09/25/2017. OBSERVATION: 1 x 55 gallon drum of oily water and 2 x 55 gallon drums of Cupric Sulfate Pentahydrate located in the hazardous waste storage area was observed without a hazardous waste label. Properly label all "empty" containers as EMPTY. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Violation Date: | 08-22-2017 |
| Citation: | 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 08/22/2017. OBSERVATION: The business failed to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. CORRECTIVE ACTION: Complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. NOTE: Mr. Perez submitted all required information at the time of inspection. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Violation Date: | 07-30-2014 |
| Citation: | 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8 |
| Violation Description: | Failure of the generator to prepare a hazardous waste management performance report every four years. The report shall contain sufficient detail to convey an understanding of the hazardous waste management approaches used at the site, using narratives, photographs, illustrations, figures or data as necessary, which includes, at a minimum, all of the following: 1) Name and location of the site 2) Four digit SIC code(s) for the site 3) All of the following information for each waste stream identified: A) An estimate, in pounds, of the quantity of hazardous waste generated and the quantity of hazardous waste managed, both onsite and offsite, during the current reporting year and the baseline year; B) A description of current hazardous waste management approaches and identification of all approaches implemented since the baseline year; C) An assessment of the effect, since the baseline year, of each implemented hazardous waste management approach on the weight of hazardous waste generated, the properties which cause it to be classified as a hazardous waste and/or the onsite and offsite management of hazardous waste. The report shall consider, but shall not be limited to all of the following approaches: 1. Source reduction; 2. Onsite or offsite recycling; 3. Onsite or offsite treatment; and D) A description of |

**KUSTOM LIGHTING (Continued)** **S123515787**

| | |
|---|---|
| | factors during the current reporting year that have affected hazardous waste generation and onsite and offsite hazardous waste management since the baseline year, including, but not limited to, any of the following: 1. Changes in business activity; 2. Changes in waste classification; 3. Natural phenomena and; 4. Other factors that have affected either the quantity of hazardous waste generated or onsite and offsite hazardous waste management requirements. |
| Violation Notes: | Returned to compliance on 08/22/2017. Properly label all "empty" containers as EMPTY. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Violation Date: | 08-22-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/22/2017. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. NOTE: Mr. Perez submitted all required information at the time of inspection. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Violation Date: | 07-30-2014 |
| Citation: | 22 CCR 23 66273.40(a)(3) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.40(a)(3) |
| Violation Description: | Failure of the universal waste handler who sends electronic devices, CRTs, and/or CRT glass to any foreign destination to complete the following: (1) Notify the Department 60 days prior to the intended export before any electronic devices, CRTs, and/or CRT glass are scheduled to leave the United States and cover all export activities extending over the next twelve (12) month or lesser period; (2) Concurrently send a copy of the notification required pursuant to subsection of this section, to the CUPA having jurisdiction over the universal waste handlerG s facility. |
| Violation Notes: | Returned to compliance on 08/22/2017. Manifest required for: paint filters, and Waterbath solution |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Violation Date: | 08-22-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |

**KUSTOM LIGHTING (Continued)** **S123515787**

| | |
|---|---|
| Violation Description: | Failure to complete and electronically submit a site map with all required content. |
| Violation Notes: | Returned to compliance on 08/22/2017. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment CORRECTIVE ACTION: Complete and electronically submit a site map with all required content. NOTE: Mr. Perez submitted all required information at the time of inspection. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Violation Date: | 08-22-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material. |
| Violation Notes: | Returned to compliance on 08/22/2017. OBSERVATION: The business failed to establish and electronically submit an adequate employee training plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material(s) handled. CORRECTIVE ACTION: Establish and electronically submit an adequate training plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material(s) handled. NOTE: Mr. Perez submitted all required information at the time of inspection. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Violation Date: | 08-22-2017 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method. |
| Violation Notes: | Returned to compliance on 09/25/2017. OBSERVATION: The wiping rags used to dry the newly plated metal parts located across from the brass and copper solution sinks are, according to Mr. Perez, being disposed of in the trash. A proper waste determination has not been made. Hazardous waste determination required on sand blast media and paint spray filters prior to disposal. If a waste determination is not obtained the waste shall be classified as hazardous waste and disposed of as hazardous waste. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the brass and copper solution saturated wiping rags, the sand blast media, and the paint filters have been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |

**KUSTOM LIGHTING (Continued)** **S123515787**

Violation Source: CERS

Site ID: 396040
Site Name: KUSTOM LIGHTING
Violation Date: 08-22-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 08/22/2017. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days. NOTE: Mr. Perez submitted all required information at the time of inspection.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Periz, Production manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Perez, Warehouse Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Juan Perez, Warehouse Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

**KUSTOM LIGHTING (Continued)** **S123515787**

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 09-25-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-30-2014 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 10-09-2018 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Enforcement Action:

| | |
|---|---|
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Site Address: | 2107 CHICO AVE |
| Site City: | SOUTH EL MONTE |
| Site Zip: | 91733 |
| Enf Action Date: | 07-30-2014 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Los Angeles County Fire Department |
| Enf Action Program: | HMRRP |
| Enf Action Source: | CERS |

| | |
|---|---|
| Site ID: | 396040 |
| Site Name: | KUSTOM LIGHTING |
| Site Address: | 2107 CHICO AVE |
| Site City: | SOUTH EL MONTE |
| Site Zip: | 91733 |
| Enf Action Date: | 07-30-2014 |
| Enf Action Type: | Notice of Violation (Unified Program) |
| Enf Action Description: | Notice of Violation Issued by the Inspector at the Time of Inspection |
| Enf Action Notes: | Not reported |
| Enf Action Division: | Los Angeles County Fire Department |
| Enf Action Program: | HW |
| Enf Action Source: | CERS |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |

**KUSTOM LIGHTING (Continued)** **S123515787**

| | |
|---|---|
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2107 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | JUAN PEREZ |
| Entity Title: | Operations |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | JUAN PEREZ |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | PAUL LESTZ |
| Entity Title: | Not reported |
| Affiliation Address: | 2107 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 433-4800 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Juan Perez |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 848-6836 |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |

**KUSTOM LIGHTING (Continued)** **S123515787**

| | |
|---|---|
| Affiliation Phone: | (323) 890-4045 |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | PAUL LESTZ |
| Entity Title: | Not reported |
| Affiliation Address: | 2107 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | KUSTOM LIGHTING |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | PAUL LESTZ |
| Entity Title: | Not reported |
| Affiliation Address: | 2107 CHICO AVE. |
| Affiliation City: | S. EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 433-4800 |

---

**O142** **KUSTOM LIGHTING** **RCRA NonGen / NLR** **1024808833**
**East** **2107 CHICO AVE** **CAL000281892**
**< 1/8** **EL MONTE, CA 91733**
**0.112 mi.**
**594 ft.** **Site 2 of 13 in cluster O**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2004-05-05 00:00:00.0 |
| Facility name: | KUSTOM LIGHTING |
| Facility address: | 2107 CHICO AVE<br>EL MONTE, CA 91733-0000 |
| EPA ID: | CAL000281892 |
| Contact: | MARC SHAPIRO |
| Contact address: | 2107 CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-433-4800 |
| Contact email: | MARC@SPJLIGHTING.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | KUSTOM LIGHTING PRODUCTS INC |

**KUSTOM LIGHTING (Continued)** **1024808833**

| | |
|---|---|
| Owner/operator address: | 2107 CHICO AVE<br>S EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-433-4800 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | MARC SHAPIRO |
| Owner/operator address: | 2107 CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-433-4800 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

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

Violation Status: No violations found

---

**O143** **EL MONTE ALLOYS** **ENF** **S106765290**
**ESE** **2023 CHICO AVE** **NPDES** **N/A**
**< 1/8** **SOUTH EL SOUTH EL MONTE, CA 91733** **WIP**
**0.113 mi.**
**595 ft.** **Site 3 of 13 in cluster O**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

ENF:

| | |
|---|---|
| Name: | EL MONTE ALLOYS |
| Address: | 2023 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 222450 |
| Agency Name: | El Monte Alloys |
| Place Type: | Facility |

**EL MONTE ALLOYS (Continued)** **S106765290**

| | |
|---|---|
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.052185 |
| Place Longitude: | -118.060024 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 4LAC000206 |
| Reg Measure Id: | 167512 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |

**EL MONTE ALLOYS (Continued)** **S106765290**

| | |
|---|---|
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 236586 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 06/11/2001 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 06/11/2001 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Notice of Violation sent 6/11/01 for failure to file NOI - 4LAC000206 |
| Description: | Notice of Violation sent 6/11/01 for failure to file NOI or NNA, as appropriate, for coverage under the general industrial stormwater permit. |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | EL MONTE ALLOYS |
| Address: | 2023 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 222450 |
| Agency Name: | El Monte Alloys |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.052185 |
| Place Longitude: | -118.060024 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |

**EL MONTE ALLOYS (Continued)** **S106765290**

| | |
|---|---|
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | UNREGS |
| Program Category1: | UNREGS |
| Program Category2: | UNREGS |
| # Of Programs: | 1 |
| WDID: | 4LAC000206 |
| Reg Measure Id: | 167512 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/21/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 235853 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 05/25/2001 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 05/25/2001 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Notice of Violation sent 5/25/01 for failure to file NOI or NNA.- 4LAC000206 |
| Description: | Notice of Violation sent 5/25/01 for failure to file NOI or NNA, as appropriate, for coverage under the general industrial stormwater permit. |
| Program: | UNREGS |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |

**EL MONTE ALLOYS (Continued)** **S106765290**

| | |
|---|---|
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

NPDES:

| | |
|---|---|
| Name: | EL MONTE ALLOYS |
| Address: | 2023 CHICO AVE |
| City,State,Zip: | EL MONTE, CA 91733 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 4 19IN600287 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Undetermined |
| Status Date: | 02/26/2010 |
| Operator Name: | Not available - Nonfiler Organization |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

WIP:

| | |
|---|---|
| Name: | EL MONTE ALLOYS |
| Address: | 2023 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0454 |
| **File Status:** | **Historical** |
| Staff: | CRS |
| Facility Suite: | Not reported |

**O144** **WILLIAMSON COUCH COMPANY** **WIP** **S106766081**
**ESE** **2103 CHICO AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.113 mi.**
**595 ft.** **Site 4 of 13 in cluster O**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

WIP:

| | |
|---|---|
| Name: | WILLIAMSON COUCH COMPANY |
| Address: | 2103 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1685 |
| **File Status:** | **Historical** |
| Staff: | CCC |
| Facility Suite: | Not reported |

---

**O145** **TRIPLE A COATING INC** **EMI** **S106766046**
**ESE** **2015 CHICO AV** **WIP** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.113 mi.**
**596 ft.** **Site 5 of 13 in cluster O**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

EMI:

| | |
|---|---|
| Name: | TRIPLE A COATING INC |
| Address: | 2015 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 1838 |
| Air District Name: | SC |
| SIC Code: | 3444 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

WIP:

| | |
|---|---|
| Name: | TRIPLE A COATINGS |
| Address: | 2015 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1622 |
| **File Status:** | **Historical** |
| Staff: | ACARLOS |
| Facility Suite: | Not reported |

**N146**
**SE**
**< 1/8**
**0.113 mi.**
**596 ft.**

**RUDY'S IRON WORKS** — **WIP** — **S106765946**
**9557 RUSH ST** — **N/A**
**SOUTH EL MONTE, CA 91733**

**Site 7 of 9 in cluster N**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

WIP:

| | |
|---|---|
| Name: | RUDY'S IRON WORKS |
| Address: | 9557 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1477 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**J147**
**West**
**< 1/8**
**0.114 mi.**
**600 ft.**

**VACANT BUILDING** — **WIP** — **S106765356**
**2121 TROY AVE** — **N/A**
**SOUTH EL MONTE, CA 91733**

**Site 10 of 11 in cluster J**

**Relative:**
**Lower**

**Actual:**
**232 ft.**

WIP:

| | |
|---|---|
| Name: | VACANT BUILDING |
| Address: | 2121 Troy Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0550 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**L148**
**NW**
**< 1/8**
**0.116 mi.**
**611 ft.**

**G & M BACK HOE** — **WIP** — **S106765618**
**2402 TROY AVE** — **N/A**
**SOUTH EL MONTE, CA 91733**

**Site 2 of 5 in cluster L**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

WIP:

| | |
|---|---|
| Name: | G & M BACK HOE |
| Address: | 2402 Troy Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0947 |
| **File Status:** | **Historical** |
| Staff: | GMM |
| Facility Suite: | Not reported |

**L149** **G & M BACKHOE SERVICE** **RCRA-SQG** **1000122688**
**NW** **2402 TROY AVE** **FINDS** **CAD982481947**
**< 1/8** **SOUTH EL MONTE, CA 91733** **ECHO**
**0.116 mi.** **LOS ANGELES CO. HMS**
**611 ft.** **Site 3 of 5 in cluster L**

**Relative: Lower**

**Actual: 236 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | G & M BACKHOE SERVICE |
| Facility address: | 2402 TROY AVE<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD982481947 |
| Mailing address: | TROY AVE<br>SOUTH EL MONTE, CA 91733 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Municipal |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | GIFFIN GARY W |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Municipal |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |

**G & M BACKHOE SERVICE (Continued)** **1000122688**

| | |
|---|---|
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002825694
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002825694

Environmental Interest/Information System:

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

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

ECHO:

| | |
|---|---|
| Envid: | 1000122688 |
| Registry ID: | 110002825694 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002825694 |
| Name: | G & M BACKHOE SERVICE |
| Address: | 2402 TROY AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | G&M BACHOE SERVICE |
| Address: | 2402 TROY AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | Not reported |
| Facility Id: | 001835-I01910 |
| Facility Type: | Not reported |
| Facility Status: | OPEN |
| Area: | 3U |
| Permit Number: | Not reported |
| Permit Status: | Not reported |

**O150**
**ESE**
**< 1/8**
**0.116 mi.**
**611 ft.**

**R.A. STEEL, INC.**
**2029 CHICO AVE**
**SOUTH EL MONTE, CA 91733**

**WIP** **S106765902**
**N/A**

**Site 6 of 13 in cluster O**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

WIP:

| | |
|---|---|
| Name: | R.A. STEEL, INC. |
| Address: | 2029 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1409 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**P151**
**ESE**
**< 1/8**
**0.117 mi.**
**617 ft.**

**GENERAL METAL FABRICATORS**
**2011 CHICO AVE**
**SOUTH EL MONTE, CA 91733**

**WIP** **S106765629**
**N/A**

**Site 1 of 9 in cluster P**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

WIP:

| | |
|---|---|
| Name: | GENERAL METAL FABRICATORS |
| Address: | 2011 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0966 |
| **File Status:** | **Historical** |
| Staff: | ACARLOS |
| Facility Suite: | Not reported |

---

**G152**
**WSW**
**< 1/8**
**0.120 mi.**
**636 ft.**

**GOLDEN COLOR PRINTING INC**
**9353 RUSH ST**
**SOUTH EL MONTE, CA 91733**

**CERS HAZ WASTE** **S123513242**
**CERS** **N/A**

**Site 5 of 6 in cluster G**

**Relative:**
**Lower**

**Actual:**
**232 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | GOLDEN COLOR PRINTING INC |
| Address: | 9353 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 364908 |
| CERS ID: | 10266253 |
| CERS Description: | Hazardous Waste Generator |

CERS:

| | |
|---|---|
| Name: | GOLDEN COLOR PRINTING INC |
| Address: | 9353 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 364908 |
| CERS ID: | 10266253 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 364908 |
| Site Name: | GOLDEN COLOR PRINTING INC |
| Violation Date: | 02-02-2016 |

**GOLDEN COLOR PRINTING INC (Continued)** **S123513242**

| | |
|---|---|
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 10/17/2016. OBSERVATION: There were no labels on the used oil drum and waste ink in the Safety Kleen parts washing equipment (approx 20-gal tank). All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 364908 |
| Site Name: | GOLDEN COLOR PRINTING INC |
| Violation Date: | 02-02-2016 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 10/17/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately. Reportable Haz Mat: used oil-1x55gal drum, waste ink 1x55gal drum from 2012; MRC 4X55gal drums; fountain solution 1x55gal drum; alcohol substitute 1x55gal drum; oil1x55gal drum; propane-2x8-gal cylinders; approx 20x55-gal drums of coating |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 364908 |
| Site Name: | GOLDEN COLOR PRINTING INC |
| Violation Date: | 02-02-2016 |
| Citation: | 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d) |
| Violation Description: | Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month. |
| Violation Notes: | Returned to compliance on 10/17/2016. OBSERVATION: Waste ink in a 55-gal drum from 2012 was observed inside the printing shop next to the Safety Kleen parts washing equipment (sink). Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA 30 days from now. |
| Violation Division: | Los Angeles County Fire Department |

**GOLDEN COLOR PRINTING INC (Continued)** **S123513242**

Violation Program: HW
Violation Source: CERS

Site ID: 364908
Site Name: GOLDEN COLOR PRINTING INC
Violation Date: 02-02-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 05/04/2016. OBSERVATION: Approximately 20 empty 55-gal steel previously containing MRC/Blanket Wash were stored outside next to trash enclosure and did not have labels. CORRECTIVE ACTION: Each empty container larger than 5 gallons that previously held a hazardous material must be marked with the date it was emptied and be shipped for recycling, reconditioning, or reclamation of its scrap value G or managed on site in such a manner G within one year of being emptied. 22CCR 11 66261.7 OBSERVATION: Facility failed to properly manage contaminated textiles. One 55-gal drum for contaminated rags was not properly labeled "Reusable Solvent-Contaminated Textile". CORRECTIVE ACTION: Properly manage all contaminated textiles as hazardous wastes or have them made reusable by laundering or comparable methods of cleaning (e.g commercial laundry) with a Contingency Plan for handling both on-site and off-site emergencies involving the materials and which maintains records of the date, type, [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 364908
Site Name: GOLDEN COLOR PRINTING INC
Violation Date: 02-02-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 10/17/2016. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 10-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Complete HMBP submitted in CERS. NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown

**GOLDEN COLOR PRINTING INC (Continued)** **S123513242**

| | |
|---|---|
| Eval Date: | 10-17-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Waste ink/used oil picked up by Pacific Resource; labels applied; EPA ID activated. NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-02-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Nancy Pan, Officer |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 02-02-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Nancy Pan, Officer Unused Kodak plate washing solution (Kodak Regenerator 8 to 9 5-gal containers) must be returned and proof (receipt) submitted or be managed as Hazardous Waste. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 05-04-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | CERS submittal is missing an Emergency/Contingency Plan and active EPA ID. Followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 05-04-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Unused Kodak chemicals returned to supplier on 3/19/16 and contaminated rags invoices by Ameripride. Followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-09-2019 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

**GOLDEN COLOR PRINTING INC (Continued)** **S123513242**

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-09-2019 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | NANCY PAN |
| Entity Title: | Not reported |
| Affiliation Address: | 9353 rush st |
| Affiliation City: | S EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | nancy pan |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | GOLDEN COLOR PRINTING INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | nancy pan |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9353 rush st |
| Affiliation City: | s el monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |

**GOLDEN COLOR PRINTING INC (Continued)** **S123513242**

| | |
|---|---|
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | GOLDEN COLOR PRINTING , INC |
| Entity Title: | Not reported |
| Affiliation Address: | 9353 RUSH ST |
| Affiliation City: | s el monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 455-0850 |
| Affiliation Type Desc: | Operator |
| Entity Name: | NANCY PAN |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 455-0850 |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |

---

**G153** **GOLDEN COLOR PRINTING INC.** **RCRA-LQG** **1009398300**
**WSW** **9353 RUSH ST** **CAR000172932**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.120 mi.**
**636 ft.** **Site 6 of 6 in cluster G**

**Relative:** RCRA-LQG:
**Lower**

| | |
|---|---|
| Date form received by agency: | 2010-06-24 00:00:00.0 |
| Facility name: | GOLDEN COLOR PRINTING INC. |
| Facility address: | 9353 RUSH ST<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAR000172932 |
| Mailing address: | RUSH ST<br>SOUTH EL MONTE, CA 91733 |
| Contact: | NANCY DAN |
| Contact address: | RUSH ST<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | US |
| Contact telephone: | 626-455-0850 |
| Contact email: | NANCY@GOLDENCOLORPRINTING.COM |
| EPA Region: | 09 |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste |

**Actual:**
**232 ft.**

**GOLDEN COLOR PRINTING INC. (Continued)** **1009398300**

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

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NANCY DAN |
| Owner/operator address: | RUSH ST |
| | SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 2002-11-30 00:00:00. |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | YEN HSUEH CHUN |
| Owner/operator address: | RUSH ST |
| | SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-455-0850 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 2000-02-16 00:00:00. |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | SHERRY YEN |
| Owner/operator address: | Not reported |
| | Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 2006-03-29 00:00:00. |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | SHERRY YEN |
| Owner/operator address: | 9353 RUSH ST |
| | S EL MONTE, CA 91733 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |

**GOLDEN COLOR PRINTING INC. (Continued)** **1009398300**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2006-03-29 00:00:00.
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 2006-04-13 00:00:00.0
Site name: GOLDEN COLOR PRINTING INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Violation Status: No violations found

**N154** **TED LEVINE DRUM CO** **RCRA-LQG** **1000122184**
**SE** **1817 CHICO AVE** **SWEEPS UST** **CAD106854177**
**< 1/8** **S EL MONTE, CA 91733** **ENF**
**0.121 mi.** **NPDES**
**639 ft.** **Site 8 of 9 in cluster N** **WDS**
**WIP**
**Relative:** **CIWQS**
**Lower** **CERS**

**Actual:**
**235 ft.**

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 2018-10-04 00:00:00.0 |
| Facility name: | TED LEVINE DRUM CO |
| Facility address: | 1817 CHICO AVE<br>S EL MONTE, CA 91733-0000 |
| EPA ID: | CAD106854177 |
| Mailing address: | CHICO AVENUE<br>SOUTH EL MONTE, CA 91733 |
| Contact: | TOM CAMPBELL |
| Contact address: | CHICO AVE<br>S EL MONTE, CA 91733-0000 |
| Contact country: | US |
| Contact telephone: | 626-579-1084 |
| Telephone ext.: | 118 |
| Contact email: | TOM@TLDRUMCO.COM |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | OZZIE LEVINE |
| Owner/operator address: | CHICO AVE<br>S EL MONTE, CA 91733 |
| Owner/operator country: | US |
| Owner/operator telephone: | 626-579-1084 |
| Owner/operator email: | TOM@TLDRUMCO.COM |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 1983-01-01 00:00:00. |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | OZZIE LEVINE |
| Owner/operator address: | CHICO AVENUE<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | US |
| Owner/operator telephone: | 626-579-1084 |

**TED LEVINE DRUM CO (Continued)** **1000122184**

Owner/operator email: TOM@TLDRUMCO.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 1983-01-01 00:00:00.
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 2016-02-15 00:00:00.0
Site name: TED LEVINE DRUM COMPANY
Classification: Large Quantity Generator

Date form received by agency: 2014-03-01 00:00:00.0
Site name: TED LEVINE DRUM COMPANY
Classification: Large Quantity Generator

Date form received by agency: 2012-03-20 00:00:00.0
Site name: TED LEVINE DRUM COMPANY
Classification: Large Quantity Generator

Date form received by agency: 2010-01-26 00:00:00.0
Site name: TED LEVINE DRUM CO
Classification: Large Quantity Generator

Date form received by agency: 2008-07-01 00:00:00.0
Site name: TED LEVINE DRUM CO.
Classification: Large Quantity Generator

Date form received by agency: 2006-02-17 00:00:00.0
Site name: TED LEVINE DRUM CO.
Classification: Large Quantity Generator

Date form received by agency: 2004-02-26 00:00:00.0
Site name: TED LEVINE DRUMS
Classification: Large Quantity Generator

Date form received by agency: 2002-02-18 00:00:00.0
Site name: TED LEVINE DRUM COMPANY

**TED LEVINE DRUM CO (Continued)** **1000122184**

Classification: Large Quantity Generator

Date form received by agency: 2000-10-12 00:00:00.0
Site name: TED LEVINE DRUM CO.
Classification: Large Quantity Generator

Date form received by agency: 1999-03-04 00:00:00.0
Site name: TED LEVINE DRUM COMPANY
Classification: Large Quantity Generator

Date form received by agency: 1996-09-01 00:00:00.0
Site name: TED LEVINE DRUM CO
Classification: Large Quantity Generator

Date form received by agency: 1996-02-28 00:00:00.0
Site name: TED LEVINE DRUM CO
Classification: Large Quantity Generator

Date form received by agency: 1992-02-19 00:00:00.0
Site name: TED LEVINE DRUM CO
Classification: Large Quantity Generator

Date form received by agency: 1990-04-06 00:00:00.0
Site name: TED LEVINE DRUM CO
Classification: Large Quantity Generator

Date form received by agency: 1986-08-19 00:00:00.0
Site name: TED LEVINE DRUM CO
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

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

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

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 222
. Waste name: Oil/water separation sludge

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

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 491

**TED LEVINE DRUM CO (Continued)** **1000122184**

. Waste name: Unspecified sludge waste

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED

**TED LEVINE DRUM CO (Continued)** **1000122184**

SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 178585.3

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 175018.5

Waste code: D039
Waste name: TETRACHLOROETHYLENE
Amount (Lbs): 175018.5

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL

**TED LEVINE DRUM CO (Continued)** **1000122184**

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 1826.1

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2014-11-04 13:45:35.0
Date achieved compliance: 2014-11-17 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 2014-11-17 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2014-10-15 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 2014-11-17 00:00:00.0
Evaluation lead agency: EPA

SWEEPS UST:
Name: TELEDYNE INC
Address: 1817 CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 13365
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

ENF:
Name: TED LEVINE DRUM COMPANY
Address: 1817 CHICO
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
Facility Id: 263050
Agency Name: Ted Levine Drum Company
Place Type: Facility

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.049306 |
| Place Longitude: | -118.060023 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070445 |
| Reg Measure Id: | 152442 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 230060 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 04/07/2000 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/07/2000 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070445 |
| Description: | Notice of Violation sent 4/7/00 for FTS a soil sampling workplan. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | TED LEVINE DRUM COMPANY |
| Address: | 1817 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 263050 |
| Agency Name: | Ted Levine Drum Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.049306 |
| Place Longitude: | -118.060023 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070445 |
| Reg Measure Id: | 152442 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 229835 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 12/10/1999 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 12/10/1999 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070445 |
| Description: | Notice of Violation sent 12/10/99 for FTS a groundwater monitoring report & a soil sampling workplan. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |
| | |
| Name: | TED LEVINE DRUM COMPANY |
| Address: | 1817 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 263050 |
| Agency Name: | Ted Levine Drum Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.049306 |
| Place Longitude: | -118.060023 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070445 |
| Reg Measure Id: | 152442 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 226233 |
| Region: | 4 |
| Order / Resolution Number: | 13267 Letter |
| Enforcement Action Type: | 13267 Letter |
| Effective Date: | 12/03/1999 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 12/03/1999 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070445 |
| Description: | Not reported |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

NPDES:

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1817 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 4 19I002754 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Active |
| Status Date: | 11/24/2015 |
| Operator Name: | Ted Levine Drum Co |
| Operator Address: | 1817 Chico Ave |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 189026 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19I002754 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 04/02/1992 |
| Status: | Active |
| Status Date: | 11/24/2015 |
| Place Size: | 222000 |
| Place Size Unit: | SqFt |
| Contact: | Ozzie Levine |
| Contact Title: | Not reported |
| Contact Phone: | 626-579-1084 |
| Contact Phone Ext: | Not reported |
| Contact Email: | ozzie@tldrumco.com |
| Operator Name: | Ted Levine Drum Co |
| Operator Address: | 1817 Chico Ave |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |
| Operator Contact: | Ozzie Levine |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | 626-579-1084 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | ozzie@tldrumco.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 626-579-1084 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Whittier Narrows Flood Basin |
| Certifier: | Tom Campbell |
| Certifier Title: | Plant Manager |
| Certification Date: | 30-JAN-15 |
| Primary Sic: | 9999-Nonclassifiable Establishments |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 4 |
| Regulatory Measure ID: | 189026 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 4 19I002754 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/02/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Ted Levine Drum Co |
| Discharge Address: | 1817 Chico Ave |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1817 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Active |
| NPDES Number: | CAS000001 |
| Region: | 4 |
| Agency Number: | 0 |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Regulatory Measure ID: | 189026 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 4 19I002754 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/02/1992 |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 1817 Chico Ave |
| Discharge Name: | Ted Levine Drum Co |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 189026 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19I002754 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 04/02/1992 |
| Status: | Active |
| Status Date: | 11/24/2015 |
| Place Size: | 222000 |
| Place Size Unit: | SqFt |
| Contact: | Ozzie Levine |
| Contact Title: | Not reported |
| Contact Phone: | 626-579-1084 |
| Contact Phone Ext: | Not reported |
| Contact Email: | ozzie@tldrumco.com |
| Operator Name: | Ted Levine Drum Co |
| Operator Address: | 1817 Chico Ave |
| Operator City: | South El Monte |
| Operator State: | California |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Operator Zip: | 91733 |
| Operator Contact: | Ozzie Levine |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | 626-579-1084 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | ozzie@tldrumco.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 626-579-1084 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | Whittier Narrows Flood Basin |
| Certifier: | Tom Campbell |
| Certifier Title: | Plant Manager |
| Certification Date: | 30-JAN-15 |
| Primary Sic: | 9999-Nonclassifiable Establishments |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 4 |
| Regulatory Measure ID: | 189026 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 4 19I002754 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/02/1992 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Ted Levine Drum Co |

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Discharge Address: | 1817 Chico Ave |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |

**TED LEVINE DRUM CO (Continued)** **1000122184**

Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

WDS:
Name: TED LEVINE DRUM COMPANY
Address: 1817 CHICO AVE
City: SOUTH EL MONTE
Facility ID: 4 19I002754
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: TED LEVINE DRUM COMPANY
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Not reported
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:
Name: TED LEVINE DRUM CO.
Address: 1817 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4

**TED LEVINE DRUM CO (Continued)** **1000122184**

File Number: 107.0445
**File Status: Active**
Staff: CORTEZ
Facility Suite: Not reported

CIWQS:

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1817 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Agency: | Ted Levine Drum Co |
| Agency Address: | 1817 Chico Ave, South El Monte, CA 91733 |
| Place/Project Type: | Industrial - Nonclassifiable Establishments |
| SIC/NAICS: | 9999 |
| Region: | 4 |
| Program: | INDSTW |
| Regulatory Measure Status: | Active |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 4 19I002754 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 04/02/1992 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 34.04931 |
| Longitude: | -118.06002 |

CERS:

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1817 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 543964 |
| CERS ID: | 263051 |
| CERS Description: | Industrial Facility Storm Water |

Violations:

| | |
|---|---|
| Site ID: | 543964 |
| Site Name: | Ted Levine Drum Co |
| Violation Date: | 07-02-2014 |
| Citation: | 2014-0057-DWQ - Industrial General Permit |
| Violation Description: | SW - Late Report |
| Violation Notes: | Failure to submit the 2013-14 Annual Report |
| Violation Division: | Water Boards |
| Violation Program: | INDSTW |
| Violation Source: | SMARTS |

| | |
|---|---|
| Site ID: | 543964 |
| Site Name: | Ted Levine Drum Co |
| Violation Date: | 01-05-2001 |
| Citation: | 2014-0057-DWQ - Industrial General Permit |
| Violation Description: | Unauthorized Discharge |

**TED LEVINE DRUM CO (Continued)** **1000122184**

Violation Notes: Unauthorized discharge of foul-smelling water to storm drain in violation of industrial stormwater permit.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 543964
Site Name: Ted Levine Drum Co
Violation Date: 01-30-2002
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: Inadequate BMPs & poor housekeeping.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 543964
Site Name: Ted Levine Drum Co
Violation Date: 01-30-2002
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: Incomplete SWPPP.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-05-2001
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: I followed a trail of water in the gutter to 1600 N. Chico, #H. TSE's Company Inc. is a food warehouse. It is one business in a business park. I left a copy of the general permit with them. Owner - Ted Levine, Drm Co. 1817 Chico (818) 579-1084. (310)
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2002
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: see inspection report
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Enforcement Action:
Site ID: 543964
Site Name: Ted Levine Drum Co
Site Address: 1817 CHICO AVE
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 01-05-2001
Enf Action Type: Notice to Comply

**TED LEVINE DRUM CO (Continued)** **1000122184**

| | |
|---|---|
| Enf Action Description: | Notice to Comply |
| Enf Action Notes: | Field Notice to Comply issued 1/5/01 for unauthorized discharge of wastewater to storm drain. Permittee required to come into compliance within 30 days. |
| Enf Action Division: | Water Boards |
| Enf Action Program: | INDSTW |
| Enf Action Source: | SMARTS |
| Site ID: | 543964 |
| Site Name: | Ted Levine Drum Co |
| Site Address: | 1817 CHICO AVE |
| Site City: | SOUTH EL MONTE |
| Site Zip: | 91733 |
| Enf Action Date: | 01-13-2015 |
| Enf Action Type: | Industrial Storm Water Enforcement |
| Enf Action Description: | Industrial Storm Water Enforcement |
| Enf Action Notes: | 1st notice (NNC) issued for failure to submit the 2013-14 Annual |
| Enf Action Division: | Water Boards |
| Enf Action Program: | INDSTW |
| Enf Action Source: | SMARTS |
| Site ID: | 543964 |
| Site Name: | Ted Levine Drum Co |
| Site Address: | 1817 CHICO AVE |
| Site City: | SOUTH EL MONTE |
| Site Zip: | 91733 |
| Enf Action Date: | 03-07-2002 |
| Enf Action Type: | Notice to Comply |
| Enf Action Description: | Notice to Comply |
| Enf Action Notes: | Notice to Comply sent 3/7/02 for noncompliance with industrial stormwater permit. |
| Enf Action Division: | Water Boards |
| Enf Action Program: | INDSTW |
| Enf Action Source: | SMARTS |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Owner/Operator |
| Entity Name: | Ted Levine Drum Co |
| Entity Title: | Operator |
| Affiliation Address: | 1817 Chico Ave |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

---

**I155** **NOMAD FASTENER CO.** **WIP** **S106765805**
**NNW** **2442 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.123 mi.**
**647 ft.** **Site 6 of 9 in cluster I**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

WIP:

| | |
|---|---|
| Name: | NOMAD FASTENER CO. |
| Address: | 2442 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

**NOMAD FASTENER CO. (Continued)** **S106765805**

Region: 4
File Number: 107.1262
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**M156** **PORTER MFG. & SUPPLY CORP.** **WIP** **S106765884**
**ENE** **2251 CHICO AVE** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.123 mi.**
**649 ft.** **Site 6 of 7 in cluster M**

**Relative: Higher**
**Actual: 242 ft.**

WIP:
Name: PORTER MFG. & SUPPLY CORP.
Address: 2251 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1379
**File Status: Historical**
Staff: CCC
Facility Suite: Not reported

---

**P157** **FORMER EL MONTE ALLOYS INC** **RCRA-LQG** **1000301756**
**ESE** **2023 N CHICO AVE** **FINDS** **CAD982464141**
**< 1/8** **SOUTH EL MONTE, CA 91733** **ECHO**
**0.123 mi.**
**651 ft.** **Site 2 of 9 in cluster P**

**Relative: Higher**
**Actual: 238 ft.**

RCRA-LQG:
Date form received by agency: 2005-05-04 00:00:00.0
Facility name: FORMER EL MONTE ALLOYS INC
Facility address: 2023 N CHICO AVE
SOUTH EL MONTE, CA 91733
EPA ID: CAD982464141
Mailing address: 1137 SECOND STREET
NO 106
SANTA MONICA, CA 90403
Contact: JAS DHILLON
Contact address: 1137 SECOND STREET NO 106
SANTA MONICA, CA 90403
Contact country: US
Contact telephone: 310-451-4753
Contact email: JATBOYZ@VERIZON.NET
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

**FORMER EL MONTE ALLOYS INC (Continued)** **1000301756**

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | CTC EL MONTE LLC |
| Owner/operator address: | 1137 SECOND STREET NO 106 |
| | SANTA MONICA, CA 90403 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 1989-05-16 00:00:00. |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | CTC EL MONTE LLC |
| Owner/operator address: | Not reported |
| | Not reported |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 2005-03-18 00:00:00. |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

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

Historical Generators:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Site name: | EL MONTE ALLOYS |
| Classification: | Small Quantity Generator |

| | |
|---|---|
| Date form received by agency: | 1989-02-07 00:00:00.0 |
| Site name: | EL MONTE ALLOYS |
| Classification: | Large Quantity Generator |

**FORMER EL MONTE ALLOYS INC (Continued)** **1000301756**

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2007-02-07 16:12:53.0
Date achieved compliance: 2003-06-23 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2003-03-25 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2003-06-23 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2001-10-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:
Registry ID: 110002817186
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002817186

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

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

ECHO:
Envid: 1000301756
Registry ID: 110002817186
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002817186
Name: FORMER EL MONTE ALLOYS INC
Address: 2023 N CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733

**N158**
**SE**
**< 1/8**
**0.123 mi.**
**652 ft.**

**DIARY TEK INDUSTRIES, INC.**
**9544 RUSH ST**
**SOUTH EL MONTE, CA 91733**

**Site 9 of 9 in cluster N**

**WIP** **S106765533**
**N/A**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

WIP:

| | |
|---|---|
| Name: | DIARY TEK INDUSTRIES, INC. |
| Address: | 9544 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0819 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**J159**
**WSW**
**< 1/8**
**0.124 mi.**
**653 ft.**

**APPLE GRAPHICS INC**
**2101 TROY AVE**
**SOUTH EL MONTE, CA 91733**

**Site 11 of 11 in cluster J**

**RCRA-SQG** **1000279205**
**FINDS** **CAD982516791**
**ECHO**
**HAZNET**
**LOS ANGELES CO. HMS**
**WIP**
**HWTS**

**Relative:**
**Lower**

**Actual:**
**231 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1989-02-22 00:00:00.0 |
| Facility name: | APPLE GRAPHICS INC |
| Facility address: | 2101 TROY AVE<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD982516791 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2101 TROY AVE<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | US |
| Contact telephone: | 818-442-2747 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | KEVIN POLLEY |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |

**APPLE GRAPHICS INC (Continued)** **1000279205**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

FINDS:
Registry ID: 110002839153
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002839153

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

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

ECHO:
Envid: 1000279205
Registry ID: 110002839153
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002839153
Name: APPLE GRAPHICS INC
Address: 2101 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733

HAZNET:
Name: APPLE GRAPHICS INC
Address: 2101 TROY AVE

**APPLE GRAPHICS INC (Continued)** **1000279205**

| | |
|---|---|
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact: | UNDELIVERABLE PER VF97 AH |
| Telephone: | 8184422747 |
| Mailing Name: | Not reported |
| Mailing Address: | 2101 TROY AVE |
| | |
| Year: | 1996 |
| Gepaid: | CAD982516791 |
| TSD EPA ID: | CAT000613976 |
| CA Waste Code: | 541 - Photochemicals/photoprocessing waste |
| Disposal Method: | H01 - Transfer Station |
| Tons: | 0.0075 |
| | |
| Year: | 1996 |
| Gepaid: | CAD982516791 |
| TSD EPA ID: | CAT000613976 |
| CA Waste Code: | 541 - Photochemicals/photoprocessing waste |
| Disposal Method: | - |
| Tons: | 0 |
| | |
| Year: | 1993 |
| Gepaid: | CAD982516791 |
| TSD EPA ID: | CAD982524613 |
| CA Waste Code: | 541 - Photochemicals/photoprocessing waste |
| Disposal Method: | - |
| Tons: | 0.0051 |
| | |
| Year: | 1992 |
| Gepaid: | CAD982516791 |
| TSD EPA ID: | CAD108040858 |
| CA Waste Code: | 541 - Photochemicals/photoprocessing waste |
| Disposal Method: | R01 - Recycler |
| Tons: | 0.2293 |
| | |
| Year: | 1992 |
| Gepaid: | CAD982516791 |
| TSD EPA ID: | CAD089446710 |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| Disposal Method: | R01 - Recycler |
| Tons: | 0.2293 |
| | |
| Year: | 1991 |
| Gepaid: | CAD982516791 |
| TSD EPA ID: | CAD089446710 |
| CA Waste Code: | - |
| Disposal Method: | 01 - |
| Tons: | 0.2293 |
| | |
| Year: | 1991 |
| Gepaid: | CAD982516791 |
| TSD EPA ID: | CAD089446710 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | R01 - Recycler |
| Tons: | 0.2293 |
| | |
| Year: | 1990 |

**APPLE GRAPHICS INC (Continued)** **1000279205**

Gepaid: CAD982516791
TSD EPA ID: CAD089446710
CA Waste Code: -
Disposal Method: 01 -
Tons: 0.3544

Additional Info:
Year: 1996
Gen EPA ID: CAD982516791

Shipment Date: 19960621
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960624
Manifest ID: 95822916
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Disposal Method: - Not reported
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960621
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960624
Manifest ID: 95822916
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: ILD984908202
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Disposal Method: - Not reported
Quantity Tons: 0
Waste Quantity: 0
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

**APPLE GRAPHICS INC (Continued)** **1000279205**

| | |
|---|---|
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960621 |
| Creation Date: | 5/30/1997 0:00:00 |
| Receipt Date: | 19960624 |
| Manifest ID: | 95822916 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | ILD984908202 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 541 - Photochemicals / photo processing waste |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0 |
| Waste Quantity: | 0 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960621 |
| Creation Date: | 5/30/1997 0:00:00 |
| Receipt Date: | 19960624 |
| Manifest ID: | 95822916 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | ILD984908202 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613976 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 541 - Photochemicals / photo processing waste |
| RCRA Code: | D011 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0025 |
| Waste Quantity: | 5 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19960112 |
| Creation Date: | 9/18/1996 0:00:00 |
| Receipt Date: | 19960115 |
| Manifest ID: | 95695644 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | ILD984908202 |

**APPLE GRAPHICS INC (Continued)** **1000279205**

Trans 2 Name: Not reported
TSDF EPA ID: CAT000613976
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1993
Gen EPA ID: CAD982516791

Shipment Date: 19930924
Creation Date: 9/12/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93172651
Trans EPA ID: CAD982524613
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982524613
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Disposal Method: - Not reported
Quantity Tons: 0.0041
Waste Quantity: 1
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930924
Creation Date: 9/12/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93172651
Trans EPA ID: CAD982524613
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982524613
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

**APPLE GRAPHICS INC (Continued)** **1000279205**

| | |
|---|---|
| CA Waste Code: | 541 - Photochemicals / photo processing waste |
| RCRA Code: | D011 |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.001 |
| Waste Quantity: | 2 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | APPLE GRAPHICS INC |
| Address: | 2101 TROY AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 008528-I15350 |
| Facility Type: | 01 |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | 00010418C |
| Permit Status: | Removed |

WIP:

| | |
|---|---|
| Name: | APPLE GRAPHICS |
| Address: | 2101 Troy Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0818 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

HWTS:

| | |
|---|---|
| Name: | APPLE GRAPHICS INC |
| Address: | 2101 TROY AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| EPA ID: | CAD982516791 |
| Inactive Date: | 06/30/1997 |
| Create Date: | 06/15/1989 |
| Last Act Date: | 08/10/2004 |
| Mailing Name: | Not reported |
| Mailing Address: | 2101 TROY AVE |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917332535 |
| Owner Name: | APPLE GRAPHICS INC |
| Owner Address: | 2101 TROY AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 917332535 |
| Contact Name: | UNDELIVERABLE PER VF97 AH |
| Contact Address: | 2101 TROY AVE |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917332535 |

**I160** **MAVERICK MACHINERY CO.** **WIP** **S106765736**
**NNW** **2440 ROSEMEAD BLVD** **N/A**
**< 1/8** **SOUTH EL MONTE, CA 91733**
**0.125 mi.**
**659 ft.** **Site 7 of 9 in cluster I**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

WIP:

| | |
|---|---|
| Name: | MAVERICK MACHINERY CO. |
| Address: | 2440 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1129 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | A |

---

**Q161** **SILVER STREAK TRAILER COMPANY** **CPS-SLIC** **S106484617**
**NE** **2319 CHICO AVE** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CERS**
**0.126 mi.**
**666 ft.** **Site 1 of 12 in cluster Q**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | SILVER STREAK TRAILER COMPANY |
| Address: | 2319 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 02/24/1997 |
| Global Id: | SL603798807 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.057095 |
| Longitude: | -118.059018 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.1512 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | SILVER STREAK TRAILER COMPANY |
| Address: | 2319 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1512 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | SILVER STREAK TRAILER COMPANY |
| Address: | 2319 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

**SILVER STREAK TRAILER COMPANY (Continued)** **S106484617**

Site ID: 235990
CERS ID: SL603798807
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

**I162** **K.V. COLLECTION** **WIP** **S106765440**
**NNW** **2438 ROSEMEAD BLVD** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.127 mi.**
**669 ft.** **Site 8 of 9 in cluster I**

**Relative:** **Higher**
**Actual:** **239 ft.**

WIP:
Name: K.V. COLLECTION
Address: 2438 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0685
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**R163** **ASIA PLASTICS INC** **RCRA NonGen / NLR** **1024799714**
**WSW** **9347 RUSH ST** **CAL000213433**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.128 mi.**
**675 ft.** **Site 1 of 7 in cluster R**

**Relative:** **Lower**
**Actual:** **231 ft.**

RCRA NonGen / NLR:
Date form received by agency: 1999-10-04 00:00:00.0
Facility name: ASIA PLASTICS INC
Facility address: 9347 RUSH ST
SOUTH EL MONTE, CA 91733-0000
EPA ID: CAL000213433
Contact: KENT UNG
Contact address: 9347 RUSH ST
SOUTH EL MONTE, CA 91733
Contact country: Not reported
Contact telephone: 626-448-8100
Contact email: ASIAPLASTICSINC@YAHOO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: KENT UNG

**ASIA PLASTICS INC (Continued)** **1024799714**

| | |
|---|---|
| Owner/operator address: | 9347 RUSH ST<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-448-8100 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |
| Owner/operator name: | KENT UNG |
| Owner/operator address: | 9347 RUSH ST<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-448-8100 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

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

Violation Status: No violations found

---

**P164** **SHIELD CHEMICALS INC** **RCRA-SQG** **1000204066**
**ESE** **2026 N CHICO ST** **FINDS** **CAD008281032**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **ECHO**
**0.130 mi.**
**687 ft.** **Site 3 of 9 in cluster P**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1988-05-27 00:00:00.0 |
| Facility name: | SHIELD CHEMICALS INC |
| Facility address: | 2026 N CHICO ST<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD008281032 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2026 N CHICO ST |

**SHIELD CHEMICALS INC (Continued)** **1000204066**

SOUTH EL MONTE, CA 91773
Contact country: US
Contact telephone: 818-442-0079
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MICHAEL MURPHY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

**SHIELD CHEMICALS INC (Continued)** **1000204066**

Violation Status: No violations found

FINDS:
Registry ID: 110009528458
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009528458

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

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

ECHO:
Envid: 1000204066
Registry ID: 110009528458
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009528458
Name: SHIELD CHEMICALS INC
Address: 2026 N CHICO ST
City,State,Zip: SOUTH EL MONTE, CA 91733

---

**P165** **THRIFTY SAFE DISPOSAL INC** **RCRA NonGen / NLR** **1000819055**
**ESE** **2026 N CHICO AVE STE 2** **FINDS** **CAD983650201**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **ECHO**
**0.130 mi.**
**687 ft.** **Site 4 of 9 in cluster P**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

RCRA NonGen / NLR:
Date form received by agency: 1992-10-16 00:00:00.0
Facility name: THRIFTY SAFE DISPOSAL INC
Facility address: 2026 N CHICO AVE STE 2
SOUTH EL MONTE, CA 91733-9985
EPA ID: CAD983650201
Mailing address: N CHICO AVE STE 2
SOUTH EL MONTE, CA 91733-9985
Contact: JAENMARC MURPHY
Contact address: 2026 N CHICO AVE STE 2
SOUTH EL MONTE, CA 91733-9985
Contact country: US
Contact telephone: 818-575-0767
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JAENMARC MURPHY
Owner/operator address: 2026 N CHICO AVE STE 2
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 818-575-0767
Owner/operator email: Not reported
Owner/operator fax: Not reported

**THRIFTY SAFE DISPOSAL INC (Continued)** **1000819055**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

FINDS:
Registry ID: 110002885851
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002885851

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

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

ECHO:
Envid: 1000819055
Registry ID: 110002885851
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002885851
Name: THRIFTY SAFE DISPOSAL INC
Address: 2026 N CHICO AVE STE 2
City,State,Zip: SOUTH EL MONTE, CA 91733

**I166** **UNITED METAL FABRICATION** **WIP** **S106766054**
**NNW** **2434 ROSEMEAD BLVD** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.131 mi.**
**692 ft.** **Site 9 of 9 in cluster I**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

WIP:

| | |
|---|---|
| Name: | UNITED METAL FABRICATION |
| Address: | 2434 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1636 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**Q167** **PHIL'S AUTO SALVAGE** **NPDES** **S106765873**
**NE** **2405 CHICO AVE** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CIWQS**
**0.131 mi.**
**693 ft.** **Site 2 of 12 in cluster Q**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

NPDES:

| | |
|---|---|
| Name: | PHIL S AUTO SALVAGE |
| Address: | 2405 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 4 19I010270 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Terminated |
| Status Date: | 09/01/2015 |
| Operator Name: | Juan Valadez |
| Operator Address: | 2405 Chico Ave |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | CAS000001 |
| Status: | Terminated |
| Agency Number: | 0 |
| Region: | 4 |
| Regulatory Measure ID: | 189941 |
| Order Number: | 97-03-DWQ |

**PHIL'S AUTO SALVAGE (Continued)** **S106765873**

| | |
|---|---|
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 4 19I010270 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 07/07/1993 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 08/28/2015 |
| Discharge Name: | Juan Valadez |
| Discharge Address: | 2405 Chico Ave |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |

**PHIL'S AUTO SALVAGE (Continued)** **S106765873**

| | |
|---|---|
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 189941 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19I010270 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | 08/28/2015 |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 07/07/1993 |
| Status: | Terminated |
| Status Date: | 09/01/2015 |
| Place Size: | 43470 |
| Place Size Unit: | SqFt |
| Contact: | Juan Valadez |
| Contact Title: | Not reported |
| Contact Phone: | 626-448-5987 |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Juan Valadez |
| Operator Address: | 2405 Chico Ave |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |
| Operator Contact: | Juan Valadez |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | 626-448-5987 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |

**PHIL'S AUTO SALVAGE (Continued)** **S106765873**

| | |
|---|---|
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 626-448-5987 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | 5015-Motor Vehicle Parts, Used |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

WIP:

| | |
|---|---|
| Name: | PHIL'S AUTO SALVAGE |
| Address: | 2405 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1365 |
| **File Status:** | **Historical** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

CIWQS:

| | |
|---|---|
| Name: | PHIL S AUTO SALVAGE |
| Address: | 2405 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Agency: | Juan Valadez |
| Agency Address: | 2405 Chico Ave, South El Monte, CA 91733 |
| Place/Project Type: | Industrial - Motor Vehicle Parts, Used |
| SIC/NAICS: | 5015 |
| Region: | 4 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |

**PHIL'S AUTO SALVAGE (Continued)** **S106765873**

| | |
|---|---|
| WDID: | 4 19I010270 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 07/07/1993 |
| Termination Date: | 08/28/2015 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 34.05677 |
| Longitude: | -118.06004 |

---

**L168** **HOLST PAINTING & DECORATING** **WIP** **S106765673**
**NW** **2407 TROY AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.134 mi.**
**706 ft.** **Site 4 of 5 in cluster L**

**Relative:** **Lower**

**Actual:** **236 ft.**

WIP:

| | |
|---|---|
| Name: | HOLST PAINTING & DECORATING |
| Address: | 2407 Troy Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1023 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**O169** **GARVEY PLUMBING & HARDWARE** **LUST** **S102058461**
**East** **2108 CHICO AVE** **CPS-SLIC** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **Cortese**
**0.134 mi.** **HIST CORTESE**
**709 ft.** **Site 7 of 13 in cluster O** **LOS ANGELES CO. HMS**
**WIP**
**CERS**

**Relative:** **Higher**

**Actual:** **240 ft.**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | I-15916 | |
| Status: | Case Closed | |
| Substance: | 1 | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Soil | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603704364 | |
| W Global ID: | Not reported | |
| Staff: | UNK | |
| Local Agency: | 19000 | |
| Cross Street: | Not reported | |
| Enforcement Type: | Not reported | |

**GARVEY PLUMBING & HARDWARE (Continued)** **S102058461**

| | | |
|---|---|---|
| Date Leak Discovered: | Not reported | |
| Date Leak First Reported: | | 11/4/1993 |
| Date Leak Record Entered: | 11/3/1995 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | Not reported | |
| Date Case Last Changed on Database: | | 5/14/1997 |
| Date the Case was Closed: | | 10/8/1996 |
| How Leak Discovered: | Not reported | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | Not reported | |
| Leak Source: | Not reported | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 2718.5486280239808896194841 29 |
| Source of Cleanup Funding: | | Not reported |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | Not reported |
| Pollution Characterization Began: | | Not reported |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | Not reported |
| Historical Max MTBE Date: | | Not reported |
| Hist Max MTBE Conc in Groundwater: | | Not reported |
| Hist Max MTBE Conc in Soil: | | Not reported |
| Significant Interim Remedial Action Taken: | | Not reported |
| GW Qualifier: | Not reported | |
| Soil Qualifier: | Not reported | |
| Organization: | Not reported | |
| Owner Contact: | Not reported | |
| Responsible Party: | GARVEY PLUMBING & HARDWARE | |
| RP Address: | 9622 E GARVEY AVE, SOUTH EL MONTE CA 91733 | |
| Program: | LUST | |
| Lat/Long: | 34.0548354 / -1 | |
| Local Agency Staff: | Not reported | |
| Beneficial Use: | Not reported | |
| Priority: | Not reported | |
| Cleanup Fund Id: | Not reported | |
| Suspended: | Not reported | |
| Assigned Name: | Not reported | |
| Summary: | 05/14/97 - NOTICE OF INELIGIBILITY DETERMINATION | |

LUST:

| | |
|---|---|
| Name: | GARVEY PLUMBING & HARDWARE |
| Address: | 2108 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Case Type: | LUST Cleanup Site |
| Geo Track: | http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704364 |
| Global Id: | T0603704364 |
| Latitude: | 34.0532164 |
| Longitude: | -118.0599714 |
| Status: | Completed - Case Closed |
| Status Date: | 10/08/1996 |
| Case Worker: | YR |
| RB Case Number: | I-15916 |

**GARVEY PLUMBING & HARDWARE (Continued)** **S102058461**

Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

LUST:
Global Id: T0603704364
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704364
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704364
Action Type: Other
Date: 11/04/1993
Action: Leak Reported

LUST:
Global Id: T0603704364
Status: Open - Case Begin Date
Status Date: 11/04/1993

Global Id: T0603704364
Status: Completed - Case Closed
Status Date: 10/08/1996

CPS-SLIC:
Name: GEORGE MEISSENBERG
Address: 2108 CHICO
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 12/12/2014
Global Id: SL603798833
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.054708
Longitude: -118.059045
Case Type: Cleanup Program Site
Case Worker: GJH

**GARVEY PLUMBING & HARDWARE (Continued)** **S102058461**

| | |
|---|---|
| Local Agency: | Not reported |
| RB Case Number: | 107.2233 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

CORTESE:

| | |
|---|---|
| Name: | GARVEY PLUMBING & HARDWARE |
| Address: | 2108 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | CORTESE |
| Envirostor Id: | Not reported |
| Global ID: | T0603704364 |
| Site/Facility Type: | LUST CLEANUP SITE |
| Cleanup Status: | COMPLETED - CASE CLOSED |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | active |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

HIST CORTESE:

| | |
|---|---|
| edr_fname: | GARVEY PLUMBING & HARDWAR |
| edr_fadd1: | 2108 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | I-15916 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | GARVEY PLUMBING & HARDWARE |
| Address: | 2108 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | Not reported |
| Facility Id: | 015022-015916 |
| Facility Type: | Not reported |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | Not reported |
| Permit Status: | Not reported |

**GARVEY PLUMBING & HARDWARE (Continued)** **S102058461**

WIP:
Name: GEORGE MEISSENBERG
Address: 2108 Chico
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2233
**File Status: Active**
Staff: REHE
Facility Suite: Not reported

CERS:
Name: GEORGE MEISSENBERG
Address: 2108 CHICO
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 230590
CERS ID: SL603798833
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: GARVEY PLUMBING & HARDWARE
Address: 2108 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 254764
CERS ID: T0603704364
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**L170** **CHAMP CORPORATION** **HIST UST** **U001569442**
**NW** **SITE: 2423 TROY STREET** **N/A**
**1/8-1/4** **EL MONTE, CA 91733**
**0.134 mi.**
**710 ft.** **Site 5 of 5 in cluster L**

**Relative:** **Lower**

**Actual:** **236 ft.**

HIST UST:

| | |
|---|---|
| Name: | CHAMP CORPORATION |
| Address: | SITE: 2423 TROY STREET |
| City,State,Zip: | EL MONTE, CA 91733 |
| File Number: | 00026AF3 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026AF3.pdf |
| Region: | STATE |
| Facility ID: | 00000003582 |
| Facility Type: | Other |
| Other Type: | MANUFACTURING |
| Contact Name: | SEE OFFICE |
| Telephone: | 8184449561 |
| Owner Name: | CHAMP CORPORATION |
| Owner Address: | 2439 NO. ROSEMEAD BLVD. |
| Owner City,St,Zip: | EL MONTE, CA 91733 |
| Total Tanks: | 0010 |
| | |
| Tank Num: | 001 |
| Container Num: | 6-7 |
| Year Installed: | 1974 |
| Tank Capacity: | 00012000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |
| | |
| Tank Num: | 002 |
| Container Num: | 8 |
| Year Installed: | 1979 |
| Tank Capacity: | 00006000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |
| | |
| Tank Num: | 003 |
| Container Num: | 9 |
| Year Installed: | 1979 |
| Tank Capacity: | 00010000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |
| | |
| Tank Num: | 004 |
| Container Num: | 1 |
| Year Installed: | 1954 |
| Tank Capacity: | 00001000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

**CHAMP CORPORATION (Continued)** **U001569442**

| | |
|---|---|
| Tank Num: | 005 |
| Container Num: | 2 |
| Year Installed: | 1954 |
| Tank Capacity: | 00001000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

| | |
|---|---|
| Tank Num: | 006 |
| Container Num: | 3 |
| Year Installed: | 1971 |
| Tank Capacity: | 00001000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

| | |
|---|---|
| Tank Num: | 007 |
| Container Num: | 4 |
| Year Installed: | 1971 |
| Tank Capacity: | 00001000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

| | |
|---|---|
| Tank Num: | 008 |
| Container Num: | 5 |
| Year Installed: | 1971 |
| Tank Capacity: | 00001000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

| | |
|---|---|
| Tank Num: | 009 |
| Container Num: | #10 |
| Year Installed: | 1979 |
| Tank Capacity: | 00000500 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | WASTE OIL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual |

| | |
|---|---|
| Tank Num: | 010 |
| Container Num: | #11 |
| Year Installed: | 1981 |
| Tank Capacity: | 00000685 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual |

Click here for Geo Tracker PDF:

**R171**
**WSW**
**1/8-1/4**
**0.136 mi.**
**718 ft.**

**LOGAN SUPPLY CO., INC.**
**2021 TROY AVE**
**SOUTH EL MONTE, CA 91733**

**Site 2 of 7 in cluster R**

**WIP** **S106765745**
**N/A**

**Relative:**
**Lower**

**Actual:**
**231 ft.**

WIP:

| | |
|---|---|
| Name: | LOGAN SUPPLY CO., INC. |
| Address: | 2021 Troy Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1151 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

---

**M172**
**ENE**
**1/8-1/4**
**0.137 mi.**
**723 ft.**

**MANUFACTURERS SERVICE INC**
**2210 CHICO AVE.**
**SOUTH EL MONTE, CA 91733**

**Site 7 of 7 in cluster M**

**RCRA-SQG** **1000424735**
**CPS-SLIC** **CAD981684392**
**ENF**
**WIP**

**Relative:**
**Higher**

**Actual:**
**241 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1999-03-04 00:00:00.0 |
| Facility name: | MANUFACTURERS SERVICE INC |
| Site name: | MANUFACTURER'S SERVICE INC. |
| Facility address: | 2210 CHICO AVE.<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD981684392 |
| Contact: | DOUGLAS ALLSTUN |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | 626-442-0017 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Land type: | Other land type |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | MANUFACTURERS SERVICE |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 1986-10-14 00:00:00.0
Site name: MANUFACTURERS SERVICE INC
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2019-09-26 20:51:45.0
Date achieved compliance: 2017-04-10 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 2019-09-26 20:51:45.0
Date achieved compliance: 2017-04-10 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2019-09-26 20:51:45.0
Date achieved compliance: 2017-04-10 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2018-12-12 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2017-04-10 00:00:00.0
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2016-12-14 00:00:00.0
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2016-08-16 00:00:00.0
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2016-01-25 00:00:00.0
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Records/Reporting
Date achieved compliance: 2017-04-10 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-01-25 00:00:00.0
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 2017-04-10 00:00:00.0
Evaluation lead agency: State

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

Evaluation date: 2016-01-25 00:00:00.0
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: 2017-04-10 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2012-04-17 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2008-09-25 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CPS-SLIC:
Name: MANUFACTURER'S SERVICE INC.
Address: 2210 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Open - Inactive**
Status Date: 10/29/2014
Global Id: SL603798748
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.054708
Longitude: -118.059045
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 107.0451
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

ENF:
Name: MANUFACTURER'S SERVICE INC.
Address: 2210 CHICO
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
Facility Id: 239391
Agency Name: Manufacturer's Service Inc.
Place Type: Facility
Place Subtype: Not reported
Facility Type: Not reported
Agency Type: Privately-Owned Business
# Of Agencies: 1
Place Latitude: 34.05433
Place Longitude: -118.060033
SIC Code 1: Not reported
SIC Desc 1: Not reported

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

| | |
|---|---|
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070451 |
| Reg Measure Id: | 152377 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 247859 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 05/14/2002 |
| Adoption/Issuance Date: | Not reported |

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

| | |
|---|---|
| Achieve Date: | Not reported |
| Termination Date: | 05/14/2002 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070451 |
| Description: | NOV sent 5/14/02 for failure to implement approved groundwater RAP which was submitted as required by CAO 00-034. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | MANUFACTURER'S SERVICE INC. |
| Address: | 2210 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 239391 |
| Agency Name: | Manufacturer's Service Inc. |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.05433 |
| Place Longitude: | -118.060033 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

| | |
|---|---|
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070451 |
| Reg Measure Id: | 152377 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 246489 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 11/12/2002 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 11/12/2002 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070451 |
| Description: | Second NOV sent 11/12/02 for failure to implement approved groundwater RAP which was submitted as required by CAO 00-034. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |
| | |
| Name: | MANUFACTURER'S SERVICE INC. |
| Address: | 2210 CHICO |

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

| | |
|---|---|
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 239391 |
| Agency Name: | Manufacturer's Service Inc. |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.05433 |
| Place Longitude: | -118.060033 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070451 |
| Reg Measure Id: | 152377 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

| | |
|---|---|
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 230056 |
| Region: | 4 |
| Order / Resolution Number: | R4-2000-0034 |
| Enforcement Action Type: | Clean-up and Abatement Order |
| Effective Date: | 04/04/2000 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/04/2000 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | CAO No. 00-034 contains a time schedule for cleanup. |
| Description: | CAO No. 00-034 issued 4/4/00 contains a time schedule for cleanup of groundwater contamination. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | MANUFACTURER'S SERVICE INC. |
| Address: | 2210 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 239391 |
| Agency Name: | Manufacturer's Service Inc. |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.05433 |
| Place Longitude: | -118.060033 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

| | |
|---|---|
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070451 |
| Reg Measure Id: | 152377 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 225985 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Clean-up and Abatement Order |
| Effective Date: | 12/12/1988 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 12/12/1988 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070451 |
| Description: | Not reported |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |

**MANUFACTURERS SERVICE INC (Continued)** **1000424735**

| | |
|---|---|
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

WIP:

| | |
|---|---|
| Name: | MANUFACTURER'S SERVICE INC. |
| Address: | 2210 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0451 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

---

**O173** **FORMS & SERVICES/METALS** **LUST** **S103282059**
**East** **2112 CHICO AVE N** **Cortese** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91233** **EMI**
**0.137 mi.** **WIP**
**724 ft.** **Site 8 of 13 in cluster O** **CERS**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | R-25424 | |
| Status: | Case Closed | |
| Substance: | 1 | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Soil | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603705504 | |
| W Global ID: | Not reported | |
| Staff: | UNK | |
| Local Agency: | 19000 | |
| Cross Street: | Not reported | |
| Enforcement Type: | Not reported | |
| Date Leak Discovered: | Not reported | |
| Date Leak First Reported: | | 2/25/1998 |
| Date Leak Record Entered: | 3/18/1998 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | Not reported | |
| Date Case Last Changed on Database: | | 2/25/1998 |
| Date the Case was Closed: | | 2/25/1998 |
| How Leak Discovered: | Not reported | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | Not reported | |
| Leak Source: | Not reported | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 2729.913521385741472839092 1938 |
| Source of Cleanup Funding: | | Not reported |

**FORMS & SERVICES/METALS (Continued)** **S103282059**

Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: FORMS & SERVICES/METALS
RP Address: 3435 WILSHIRE BLVD LOS ANGELES, CA 90010
Program: LUST
Lat/Long: 34.0548824 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

LUST:
Name: FORMS & SERVICES/METALS
Address: 2112 CHICO AVE N
City,State,Zip: SOUTH EL MONTE, CA 91233
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705504
Global Id: T0603705504
Latitude: 34.053257
Longitude: -118.059991
Status: Completed - Case Closed
Status Date: 02/25/1998
Case Worker: JOA
RB Case Number: R-25424
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

LUST:
Global Id: T0603705504
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

**FORMS & SERVICES/METALS (Continued)** **S103282059**

Global Id: T0603705504
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603705504
Action Type: Other
Date: 02/25/1998
Action: Leak Reported

LUST:
Global Id: T0603705504
Status: Completed - Case Closed
Status Date: 02/25/1998

Global Id: T0603705504
Status: Open - Case Begin Date
Status Date: 02/25/1998

CORTESE:
Name: FORMS & SERVICES/METALS
Address: 2112 CHICO AVE N
City,State,Zip: SOUTH EL MONTE, CA 91233
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603705504
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

EMI:
Name: FORMS & SURFACES INC
Address: 2112 CHICO AV
City,State,Zip: SOUTH EL MONTE, CA 91233

**FORMS & SERVICES/METALS (Continued)** **S103282059**

| | |
|---|---|
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 7578 |
| Air District Name: | SC |
| SIC Code: | 2511 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 3 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | FORMS & SURFACES INC |
| Address: | 2112 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91233 |
| Year: | 1990 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 7578 |
| Air District Name: | SC |
| SIC Code: | 3089 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

WIP:

| | |
|---|---|
| Name: | FORMS AND SURFACES, INC. |
| Address: | 2112 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0935 |
| **File Status:** | **Historical** |
| Staff: | YLU |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | FORMS & SERVICES/METALS |
| Address: | 2112 CHICO AVE N |
| City,State,Zip: | SOUTH EL MONTE, CA 91233 |
| Site ID: | 210131 |
| CERS ID: | T0603705504 |
| CERS Description: | Leaking Underground Storage Tank Cleanup Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |

**FORMS & SERVICES/METALS (Continued)** **S103282059**

Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Name: COLORFUL STONE INC
Address: 2112 CHICO AVE # A
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 426512
CERS ID: 10285852
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 426512
Site Name: COLORFUL STONE INC
Violation Date: 09-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 09/11/2017. OBSERVATION: The business failed to establish and implement a business plan when handling hazardous materials at or above the reportable threshold quantities. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Establish and implement a business plan for the facility. Submit documentation of correction to the unified program agency.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 426512
Site Name: COLORFUL STONE INC
Violation Date: 09-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 09/11/2017. OBSERVATION: The business failed to complete and electronically submit a business plan when handling hazardous materials at or above the reportable threshold quantities. Reviewed with operator and submitted at the time of inspection.

**FORMS & SERVICES/METALS (Continued)** **S103282059**

| | |
|---|---|
| | CORRECTIVE ACTION: Complete and electronically submit a business plan. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 426512 |
| Site Name: | COLORFUL STONE INC |
| Violation Date: | 07-30-2014 |
| Citation: | HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507 |
| Violation Description: | Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 09/11/2017. No CERS |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 426512 |
| Site Name: | COLORFUL STONE INC |
| Violation Date: | 09-11-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 09/11/2017. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Reviewed with operator and submitted at the time of inspection. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 426512 |
| Site Name: | COLORFUL STONE INC |
| Violation Date: | 09-11-2017 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. |
| Violation Notes: | Returned to compliance on 09/11/2017. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

**FORMS & SERVICES/METALS (Continued)** **S103282059**

Site ID: 426512
Site Name: COLORFUL STONE INC
Violation Date: 09-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/11/2017. OBSERVATION: The business failed to complete and electronically submit a site map with all required content. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 426512
Site Name: COLORFUL STONE INC
Violation Date: 09-11-2017
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 09/11/2017. OBSERVATION: The business failed to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. Reviewed with operator and submitted at the time of inspection. CORRECTIVE ACTION: Complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 04-07-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Chia Wong, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Lisa, Partner No CERS entries

**FORMS & SERVICES/METALS (Continued)** **S103282059**

Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 426512
Site Name: COLORFUL STONE INC
Site Address: 2112 CHICO AVE # A
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 07-30-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Operator
Entity Name: YOUFU LIN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 806-1206

Affiliation Type Desc: Parent Corporation
Entity Name: COLORFUL STONE INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2112 CHICO AVE #A
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported

**FORMS & SERVICES/METALS (Continued)** **S103282059**

| | |
|---|---|
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | SIYANG LIN |
| Entity Title: | Not reported |
| Affiliation Address: | 2112 CHICO AVENUE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | YOUFU LIN |
| Entity Title: | Not reported |
| Affiliation Address: | 2112 CHICO AVE #A |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 806-1206 |

---

**O174** **FORMS AND SURFACES, INC.** **ENF** **S102791899**
**East** **2112 CHICO** **HIST CORTESE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.137 mi.**
**724 ft.** **Site 9 of 13 in cluster O**

**Relative:** **Higher**

**Actual:** **240 ft.**

ENF:

| | |
|---|---|
| Name: | FORMS AND SURFACES, INC. |
| Address: | 2112 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 225040 |
| Agency Name: | Forms & Surfaces Inc |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.053211 |
| Place Longitude: | -118.060029 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |

**FORMS AND SURFACES, INC. (Continued)** **S102791899**

| | |
|---|---|
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070935 |
| Reg Measure Id: | 154874 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Historical |
| Status Date: | 06/17/2005 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | Not reported |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 243751 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 04/17/2003 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/17/2003 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070935 |
| Description: | NOV sent 4/17/03 for overdue emergent chemical survey report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |

**FORMS AND SURFACES, INC. (Continued)** **S102791899**

| | |
|---|---|
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

HIST CORTESE:

| | |
|---|---|
| edr_fname: | FORMS & SERVICES/METALS |
| edr_fadd1: | 2112 CHICO |
| City,State,Zip: | SO EL MONTE, CA 91733 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | R-25424 |

---

**O175** **PRECISION POWDERED METAL PARTS** **WIP** **S106765289**
**East** **2206 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.137 mi.**
**724 ft.** **Site 10 of 13 in cluster O**

**Relative:** WIP:
**Higher**

| | |
|---|---|
| Name: | PRECISION POWDERED METAL PARTS |
| Address: | 2206 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0452 |
| **File Status:** | **Historical** |
| Staff: | CRS |
| Facility Suite: | Not reported |

**Actual:**
**240 ft.**

---

**O176** **SHIELD CHEMICALS INC.** **WIP** **S106484560**
**ESE** **2026 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.137 mi.**
**725 ft.** **Site 11 of 13 in cluster O**

**Relative:** WIP:
**Higher**

| | |
|---|---|
| Name: | SHIELD CHEMICALS INC. |
| Address: | 2026 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0453 |
| **File Status:** | **Backlog** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

**Actual:**
**239 ft.**

**O177** **SHIELD CHEMICALS** **CPS-SLIC** **S102949176**
**ESE** **2026 CHICO AVE** **LA Co. Site Mitigation** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CERS**
**0.137 mi.**
**725 ft.** **Site 12 of 13 in cluster O**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | SHIELD CHEMICALS INC. |
| Address: | 2026 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 08/05/2014 |
| Global Id: | SL603798749 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.052548020329 |
| Longitude: | -118.059671543655 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 107.0453 |
| File Location: | Regional Board |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Tetrachloroethylene (PCE) |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

LA Co. Site Mitigation:

| | |
|---|---|
| Name: | SHIELD CHEMICALS |
| Address: | 2026 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | FA0007401 |
| Status: | Not reported |
| Site ID: | SD0010265 |
| Jurisdiction: | County |
| Case ID: | RO0010265 |
| Abated: | Yes |
| Assigned To: | SC |
| Entered Date: | 05/11/2004 |
| Abated Date: | 07/20/1995 |

CERS:

| | |
|---|---|
| Name: | SHIELD CHEMICALS INC. |
| Address: | 2026 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 261099 |
| CERS ID: | SL603798749 |
| CERS Description: | Cleanup Program Site |

**O178** **D&R PRESTIGE AUTO FINISH** **WIP** **S106765522**
**ESE** **2030 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.137 mi.**
**725 ft.** **Site 13 of 13 in cluster O**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

WIP:
Name: D&R PRESTIGE AUTO FINISH
Address: 2030 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0802
**File Status:** **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

---

**P179** **BUTLER MINING LUB.** **WIP** **S106765548**
**ESE** **2014 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.138 mi.**
**727 ft.** **Site 5 of 9 in cluster P**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

WIP:
Name: BUTLER MINING LUB.
Address: 2014 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0843
**File Status:** **Historical**
Staff: ACARLOS
Facility Suite: Not reported

---

**S180** **AMERICAN SOCIETY OF MILITARY HISTORY** **CERS HAZ WASTE** **S123538552**
**SSW** **1918 ROSEMEAD BLVD** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.138 mi.**
**727 ft.** **Site 1 of 2 in cluster S**

**Relative:**
**Lower**

**Actual:**
**231 ft.**

CERS HAZ WASTE:
Name: AMERICAN SOCIETY OF MILITARY HISTORY
Address: 1918 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 91740
CERS ID: 10457680
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 91740
Site Name: American society of military history
Violation Date: 08-12-2013
Citation: HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a)
Violation Description: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Facility failed to establish/implement HMBP.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

**AMERICAN SOCIETY OF MILITARY HISTORY (Continued)** **S123538552**

| | |
|---|---|
| Site ID: | 91740 |
| Site Name: | American society of military history |
| Violation Date: | 06-25-2015 |
| Citation: | HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507 |
| Violation Description: | Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 07/20/2015. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. There were four cylinders of acetylene (a total of 385 cubic feet) and three cylinders of propane for forklifts (a total of 768 cubic feet) found during routine inspection. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 91740 |
| Site Name: | American society of military history |
| Violation Date: | 08-12-2013 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Facility failed to submit HMBP into CERS. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 91740 |
| Site Name: | American society of military history |
| Violation Date: | 08-12-2013 |
| Citation: | HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1 |
| Violation Description: | Failure to obtain and/or maintain an active hazardous waste generator permit. |
| Violation Notes: | Facility failed to obtain CUPA permit. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 91740 |
| Site Name: | American society of military history |
| Violation Date: | 06-25-2015 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 07/20/2015. OBSERVATION: A business plan has not been received by the CUPA. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System |

**AMERICAN SOCIETY OF MILITARY HISTORY (Continued)** **S123538552**

(CERS) and implement immediately.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 91740
Site Name: American society of military history
Violation Date: 08-12-2013
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Facility failed to log onto CERS and submit all required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 07-20-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Craig Michelson, Curator Inspection of HW storage sheds, maintenance shops, and equipment yard.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Craig Michelson, Curator Inspection of HM storage sheds and cabinets, maintenance shops, and equipment yard.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Craig Michelson, Curator
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-12-2013

**AMERICAN SOCIETY OF MILITARY HISTORY (Continued)** **S123538552**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by B. Wright Consent given by Craig Michelson
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 91740
Site Name: American society of military history
Site Address: 1918 ROSEMEAD BLVD
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 08-12-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:
Site ID: 91740
Facility Name: American society of military history
Env Int Type Code: HWG
Program ID: 10457680
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.050030
Longitude: -118.064150

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Craig Michelson
Entity Title: Not reported
Affiliation Address: 1918 n Rosemead blvd
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Craig Michelson
Entity Title: curator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road

**AMERICAN SOCIETY OF MILITARY HISTORY (Continued)** **S123538552**

| | |
|---|---|
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 1918 n Rosemead blvd |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Craig Michelson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 442-1776 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Craig Michelson |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | American Society of Military History |
| Entity Title: | Not reported |
| Affiliation Address: | 1918 n Rosemead blvd |
| Affiliation City: | South El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 442-1776 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | American Society of Military History |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**S181** **AMERICAN SOCIETY OF MILITARY HISTORY** **RCRA NonGen / NLR** **1024786778**
**SSW** **1918 N ROSEMEAD BLVD** **CAL000023235**
**1/8-1/4** **EL MONTE, CA 91733**
**0.138 mi.**
**727 ft.** **Site 2 of 2 in cluster S**

**Relative:**
**Lower**

**Actual:**
**231 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 1989-11-14 00:00:00.0 |
| Facility name: | AMERICAN SOCIETY OF MILITARY HISTORY |
| Facility address: | 1918 N ROSEMEAD BLVD<br>EL MONTE, CA 91733-0000 |
| EPA ID: | CAL000023235 |
| Mailing address: | 1918 N ROSE MEAD<br>SO EL MONTE, CA 91733-0000 |
| Contact: | CRAIG MICHELSON |
| Contact address: | 1918 N ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-442-1776 |
| Contact email: | TANKLAND@AOL.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | AMERICAN SOCIETY OF MILITARY |
| Owner/operator address: | HISTORY<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-442-1776 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | CRAIG MICHELSON |
| Owner/operator address: | 1918 N ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-442-1776 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |

**AMERICAN SOCIETY OF MILITARY HISTORY (Continued)** **1024786778**

| | |
|---|---|
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

---

**Q182** **COIT DRAPERY CLEANERS INC** **HIST UST** **U001569446**
**NE** **2411 CHICO AVENUE** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.138 mi.**
**731 ft.** **Site 3 of 12 in cluster Q**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

HIST UST:

| | |
|---|---|
| Name: | COIT DRAPERY CLEANERS INC |
| Address: | 2411 CHICO AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 00027310 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027310.pdf |
| Region: | STATE |
| Facility ID: | 00000061290 |
| Facility Type: | Not reported |
| Other Type: | CLEANERS |
| Contact Name: | DEAN SPENCER - CONTROLLER |
| Telephone: | 8183506908 |
| Owner Name: | COIT DRAPERY CLEANERS INC. |
| Owner Address: | 2411 CHICO AVENUE |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0001 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | 06 |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

Click here for Geo Tracker PDF:

WIP:

| | |
|---|---|
| Name: | COIT DRAPERY CLEANERS INC. |
| Address: | 2411 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0088 |
| **File Status:** | **Historical** |
| Staff: | CRS |
| Facility Suite: | Not reported |
| | |
| Name: | VICTORIAN CEMENT PRODUCTS |
| Address: | 2411 Chico Ave |

**COIT DRAPERY CLEANERS INC (Continued)** **U001569446**

City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2210
**File Status: Historical**
Staff: DKOO
Facility Suite: Not reported

---

**Q183** **COIT DRAPERY CLEANERS INC** **EDR Hist Cleaner** **1018484485**
**NE** **2411 CHICO AVE** **N/A**
**1/8-1/4** **EL MONTE, CA 91733**
**0.138 mi.**
**731 ft.** **Site 4 of 12 in cluster Q**

**Relative:** EDR Hist Cleaner
**Higher**

**Actual:**
**243 ft.**

| Year: | Name: | Type: |
|---|---|---|
| 1986 | COIT DRAPERY CLEANERS INC | Drycleaning Plants, Except Rugs |
| 1986 | COIT DRAPERY & CARPETING | Drycleaning Plants, Except Rugs |
| 1987 | COIT DRAPERY & CARPETING | Drycleaning Plants, Except Rugs |
| 1987 | COIT DRAPERY & CARPET CLEANE | Carpet And Upholstery Cleaning |

---

**Q184** **COIT DRAPERY & CARPET CLEANERS INC** **DRYCLEANERS** **S121697190**
**NE** **2411 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.138 mi.**
**731 ft.** **Site 5 of 12 in cluster Q**

**Relative:** DRYCLEAN SOUTH COAST:
**Higher**

**Actual:**
**243 ft.**

Name: COIT DRAPERY & CARPET CLEANERS INC
Address: 2411 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: 35077
Application Number: C43618
Permit Number: M33664
Status: O
Representative Name: WILLIAM D. SPENCER
Representative Telephone: 213 3506908
Permit Status: INACTIVE
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: 02
CCAT Description: ADSORBER (DRY CLEANING) REGENERATIVE
UTM East: 0
UTM North: 0

Name: COIT DRAPERY & CARPET CLEANERS INC
Address: 2411 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: 35077
Application Number: 145016
Permit Number: M51932
Status: O
Representative Name: WILLIAM D. SPENCER
Representative Telephone: 213 3506908
Permit Status: INACTIVE
BCAT Number: 000236

**COIT DRAPERY & CARPET CLEANERS INC (Continued)** **S121697190**

| | |
|---|---|
| BCAT Description: | DRY CLEANING EQUIP FLUOROCARBON |
| CCAT Number: | 02 |
| CCAT Description: | ADSORBER (DRY CLEANING) REGENERATIVE |
| UTM East: | 0 |
| UTM North: | 0 |
| | |
| Name: | COIT DRAPERY & CARPET CLEANERS INC |
| Address: | 2411 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | 35077 |
| Application Number: | 145189 |
| Permit Number: | Not reported |
| Status: | O |
| Representative Name: | WILLIAM D. SPENCER |
| Representative Telephone: | 213 3506908 |
| Permit Status: | Not reported |
| BCAT Number: | 000234 |
| BCAT Description: | DRY CLEANING EQUIP PERCHLOROETHYLENE |
| CCAT Number: | 02 |
| CCAT Description: | ADSORBER (DRY CLEANING) REGENERATIVE |
| UTM East: | 0 |
| UTM North: | 0 |

---

**Q185** **FLEXFIRM PRODS** **RCRA-SQG** **1000439271**
**NE** **2300 N CHICO AVE** **CERS HAZ WASTE** **CAD047444633**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **FINDS**
**0.146 mi.** **ECHO**
**772 ft.** **Site 6 of 12 in cluster Q** **EMI**
**NPDES**
**Relative: Higher** **CIWQS**
**CERS**
**Actual: 243 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | FLEXFIRM PRODS |
| Facility address: | 2300 N CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD047444633 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |

**FLEXFIRM PRODS (Continued)** **1000439271**

Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CORPORATION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 1983-02-25 00:00:00.0
Site name: FLEXFIRM PRODS
Classification: Large Quantity Generator

Violation Status: No violations found

CERS HAZ WASTE:
Name: FLEXFIRM HOLDINGS, LLC
Address: 2300 N CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 116886
CERS ID: 10286299
CERS Description: Hazardous Waste Generator

FINDS:
Registry ID: 110000477724

**FLEXFIRM PRODS (Continued)** **1000439271**

Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110000477724

Environmental Interest/Information System:

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS AIR POLLUTANT MAJOR
STATE MASTER

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

ECHO:

| | |
|---|---|
| Envid: | 1000439271 |
| Registry ID: | 110000477724 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110000477724 |
| Name: | FLEXFIRM PRODUCTS, INC |
| Address: | 2300 N. CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

EMI:

| | |
|---|---|
| Name: | FLEXFIRM PRODUCTS, INC |
| Address: | 2300 N CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 24462 |
| Air District Name: | SC |
| SIC Code: | 2295 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 4 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 1 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |

**FLEXFIRM PRODS (Continued)** **1000439271**

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

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1993
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3

**FLEXFIRM PRODS (Continued)** **1000439271**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N CHICO AV
City,State,Zip: SOUTH EL MONTE, CA
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 24462
Air District Name: SC
SIC Code: 2295
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 5 |
| Reactive Organic Gases Tons/Yr: | 4 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | FLEXFIRM PRODUCTS, INC |
| Address: | 2300 N CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 2000 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 24462 |
| Air District Name: | SC |
| SIC Code: | 2295 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 5 |
| Reactive Organic Gases Tons/Yr: | 4 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | FLEXFIRM PRODUCTS, INC |
| Address: | 2300 N CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 2001 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 24462 |
| Air District Name: | SC |
| SIC Code: | 2295 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 5 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

NPDES:

| | |
|---|---|
| Name: | FLEXFIRM PRODUCTS INC |
| Address: | 2300 N CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Terminated |
| NPDES Number: | CAS000001 |
| Region: | 4 |
| Agency Number: | 0 |

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Regulatory Measure ID: | 323257 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 4 19NEC000223 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/12/2007 |
| Termination Date Of Regulatory Measure: | 10/17/2018 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 2300 N Chico Ave |
| Discharge Name: | Flexfirm Products Inc |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 323257 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19NEC000223 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 08/03/2015 |
| Processed Date: | 04/12/2007 |
| Status: | Active |
| Status Date: | 08/03/2015 |
| Place Size: | 70280 |
| Place Size Unit: | SqFt |
| Contact: | Barry Eichorn |
| Contact Title: | President |
| Contact Phone: | 626-448-7627 |
| Contact Phone Ext: | Not reported |
| Contact Email: | barry@flexfirmproducts.com |
| Operator Name: | Flexfirm Products Inc |
| Operator Address: | 2300 N Chico Ave |
| Operator City: | South El Monte |
| Operator State: | California |

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Operator Zip: | 91733 |
| Operator Contact: | Barry Eichorn |
| Operator Contact Title: | President |
| Operator Contact Phone: | 626-448-7627 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | barry@flexfirmproducts.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | San Gabriel River |
| Certifier: | Barry Eichorn |
| Certifier Title: | President |
| Certification Date: | 28-SEP-16 |
| Primary Sic: | 2295-Coated Fabrics, Not Rubberized |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |
| Region: | 4 |
| Regulatory Measure ID: | 323257 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 4 19NEC000223 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/12/2007 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Flexfirm Products Inc |

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Discharge Address: | 2300 N Chico Ave |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

| | |
|---|---|
| Name: | FLEXFIRM PRODUCTS INC |
| Address: | 2300 N CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 4 19NEC000223 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Terminated |
| Status Date: | 10/17/2018 |
| Operator Name: | Flexfirm Products Inc |
| Operator Address: | 2300 N Chico Ave |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 323257 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19NEC000223 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 08/03/2015 |
| Processed Date: | 04/12/2007 |
| Status: | Active |

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Status Date: | 08/03/2015 |
| Place Size: | 70280 |
| Place Size Unit: | SqFt |
| Contact: | Barry Eichorn |
| Contact Title: | President |
| Contact Phone: | 626-448-7627 |
| Contact Phone Ext: | Not reported |
| Contact Email: | barry@flexfirmproducts.com |
| Operator Name: | Flexfirm Products Inc |
| Operator Address: | 2300 N Chico Ave |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |
| Operator Contact: | Barry Eichorn |
| Operator Contact Title: | President |
| Operator Contact Phone: | 626-448-7627 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | barry@flexfirmproducts.com |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | N |
| Receiving Water Name: | San Gabriel River |
| Certifier: | Barry Eichorn |
| Certifier Title: | President |
| Certification Date: | 28-SEP-16 |
| Primary Sic: | 2295-Coated Fabrics, Not Rubberized |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |
| | |
| NPDES Number: | CAS000001 |
| Status: | Active |
| Agency Number: | 0 |

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Region: | 4 |
| Regulatory Measure ID: | 323257 |
| Order Number: | 97-03-DWQ |
| Regulatory Measure Type: | Enrollee |
| Place ID: | Not reported |
| WDID: | 4 19NEC000223 |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 04/12/2007 |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Flexfirm Products Inc |
| Discharge Address: | 2300 N Chico Ave |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Received Date: | Not reported |
| Processed Date: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |
| Place Size: | Not reported |
| Place Size Unit: | Not reported |
| Contact: | Not reported |
| Contact Title: | Not reported |
| Contact Phone: | Not reported |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | Not reported |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Not reported |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |
| Developer State: | Not reported |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | Not reported |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | Not reported |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

CIWQS:

| | |
|---|---|
| Name: | FLEXFIRM PRODUCTS INC |
| Address: | 2300 N CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Agency: | Flexfirm Products Inc |
| Agency Address: | 2300 N Chico Ave, South El Monte, CA 91733 |
| Place/Project Type: | Industrial - Coated Fabrics, Not Rubberized |
| SIC/NAICS: | 2295 |
| Region: | 4 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |
| Order Number: | 2014-0057-DWQ |
| WDID: | 4 19NEC000223 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 04/12/2007 |
| Termination Date: | 10/17/2018 |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 2 |
| Violations within 5 years: | 1 |
| Latitude: | 34.05558 |
| Longitude: | -118.06004 |

CERS:

| | |
|---|---|
| Name: | FLEXFIRM HOLDINGS, LLC |
| Address: | 2300 N CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 116886 |
| CERS ID: | 91733FLXFR2300N |
| CERS Description: | Toxic Release Inventory |

Violations:

| | |
|---|---|
| Site ID: | 116886 |
| Site Name: | FLEXFIRM HOLDINGS, LLC |
| Violation Date: | 09-19-2016 |

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 10/26/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for 100 plus 55 gallon drums of coating materials, 10-55 gallon plasticize, 2 - 8 gallon Propane for the forklift & approximately 10,000 lbs of PVC resin on the CERS. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 116886 |
| Site Name: | FLEXFIRM HOLDINGS, LLC |
| Violation Date: | 12-17-2018 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 12/17/2018. OBSERVATION: 1 x 55 gallon drum Methyl Ethyl Ketone hazardous waste located in building 2 was observed without a hazardous waste label. Labels provided and corrected on site. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 116886 |
| Site Name: | FLEXFIRM HOLDINGS, LLC |
| Violation Date: | 09-19-2016 |
| Citation: | HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple |
| Violation Description: | Business Plan Program - Operations/Maintenance - General |
| Violation Notes: | Returned to compliance on 10/26/2016. OBSERVATION: Owner/Operator failed to adequately label hazardous materials. Observed 100 plus 55 gallon drums of mix coating material in the storage yard, 5 - 55 gallon drums of latex by the sewing warehouse without proper label. CORRECTIVE ACTION: Hazardous materials that are mislabeled or not adequately labeled must be properly labeled within 10 days or be managed as a hazardous waste. 22 CCR11 66261.2(f) |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 116886 |
| Site Name: | FLEXFIRM HOLDINGS, LLC |
| Violation Date: | 12-17-2018 |
| Citation: | 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter |

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| | 11, Section(s) 66261.7 |
| Violation Description: | Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied. |
| Violation Notes: | Returned to compliance on 01/03/2019. OBSERVATION: 5+ empty 55 gallon drums were observed near building 1 an 2 without proper labels. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 116886 |
| Site Name: | FLEXFIRM HOLDINGS, LLC |
| Violation Date: | 09-19-2016 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 03/29/2017. OBSERVATION: Observed several drums of hazardous waste coating material and solvent contaminated solid without proper labels. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 01-03-2019 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |

**FLEXFIRM PRODS (Continued)** **1000439271**

Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Barry Eichorn
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, General Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, General Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 116886
Facility Name: FLEXFIRM HOLDINGS, LLC
Env Int Type Code: HWG
Program ID: 10286299
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.

**FLEXFIRM PRODS (Continued)** **1000439271**

Latitude: 34.055090
Longitude: -118.059270

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2300 N CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: ALBERT CASTILLO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 448-7627

Affiliation Type Desc: Public Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: 6264487627

Affiliation Type Desc: Technical Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: 6264487627

Affiliation Type Desc: Company Official
Entity Name: Barry Eichorn
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | FLEXFIRM HOLDINGS, LLC |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 N CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 448-7627 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | ALBERT CASTILLO |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | ALBERT CASTILLO |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 N CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | ALBERT CASTILLO |
| Entity Title: | GEN MANAGER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | FLEXFIRM HOLDINGS LLC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**FLEXFIRM PRODS (Continued)** **1000439271**

Name: FLEXFIRM HOLDINGS, LLC
Address: 2300 N CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 116886
CERS ID: 10286299
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 09-19-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 10/26/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page for 100 plus 55 gallon drums of coating materials, 10-55 gallon plasticize, 2 - 8 gallon Propane for the forklift & approximately 10,000 lbs of PVC resin on the CERS. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 12-17-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/17/2018. OBSERVATION: 1 x 55 gallon drum Methyl Ethyl Ketone hazardous waste located in building 2 was observed without a hazardous waste label. Labels provided and corrected on site. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 09-19-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/26/2016. OBSERVATION: Owner/Operator failed to adequately label hazardous materials. Observed 100 plus 55 gallon drums of mix coating material in the storage yard, 5 - 55 gallon drums of latex by the sewing warehouse without proper label. CORRECTIVE ACTION: Hazardous materials that are mislabeled or not

**FLEXFIRM PRODS (Continued)** **1000439271**

adequately labeled must be properly labeled within 10 days or be managed as a hazardous waste. 22 CCR11 66261.2(f)

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 12-17-2018
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes: Returned to compliance on 01/03/2019. OBSERVATION: 5+ empty 55 gallon drums were observed near building 1 an 2 without proper labels. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 116886
Site Name: FLEXFIRM HOLDINGS, LLC
Violation Date: 09-19-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/29/2017. OBSERVATION: Observed several drums of hazardous waste coating material and solvent contaminated solid without proper labels. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required

**FLEXFIRM PRODS (Continued)** **1000439271**

information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-03-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Barry Eichorn
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, General Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Albert Castillo, General Manager
Eval Division: Los Angeles County Fire Department

**FLEXFIRM PRODS (Continued)** **1000439271**

Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 116886
Facility Name: FLEXFIRM HOLDINGS, LLC
Env Int Type Code: HWG
Program ID: 10286299
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.055090
Longitude: -118.059270

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2300 N CHICO AVE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: ALBERT CASTILLO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 448-7627

Affiliation Type Desc: Public Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: 6264487627

Affiliation Type Desc: Technical Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: 6264487627

Affiliation Type Desc: Company Official
Entity Name: Barry Eichorn

**FLEXFIRM PRODS (Continued)** **1000439271**

| | |
|---|---|
| Entity Title: | President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | FLEXFIRM HOLDINGS, LLC |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 N CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 448-7627 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | ALBERT CASTILLO |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | ALBERT CASTILLO |
| Entity Title: | Not reported |
| Affiliation Address: | 2300 N CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | ALBERT CASTILLO |
| Entity Title: | GEN MANAGER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**FLEXFIRM PRODS (Continued)** **1000439271**

Affiliation Type Desc: Parent Corporation
Entity Name: FLEXFIRM HOLDINGS LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: FLEXFIRM PRODUCTS, INC
Address: 2300 N. CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733-1611
Site ID: 468251
CERS ID: 110000477724
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Property Owner
Entity Name: FLEXFIRM PROD
Entity Title: Not reported
Affiliation Address: 2300 CHICO AVE
Affiliation City: SOUTHELMONTE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: 2300 N CHICO AVE
Affiliation City: SOUTHELMONTE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: BARRY EICHORN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**T186** **HOW E. BAKER CO. (HEBCO)** **WIP** **S106765676**
**ENE** **2224 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.147 mi.**
**778 ft.** **Site 1 of 2 in cluster T**

**Relative:** **Higher**
**Actual:** **241 ft.**

WIP:

| | |
|---|---|
| Name: | HOW E. BAKER CO. (HEBCO) |
| Address: | 2224 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1030 |
| **File Status:** | **Historical** |
| Staff: | BPONEK |
| Facility Suite: | Not reported |

---

**U187** **TED LEVINE DRUM CHICO (SITE 2)** **CPS-SLIC** **S122853938**
**SE** **1913 AND 1927 CHICO AVENUE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.148 mi.**
**783 ft.** **Site 1 of 5 in cluster U**

**Relative:** **Lower**
**Actual:** **234 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | TED LEVINE DRUM CHICO (SITE 2) |
| Address: | 1913 AND 1927 CHICO AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733-2943 |
| Region: | STATE |
| **Facility Status:** | **Open - Assessment & Interim Remedial Action** |
| Status Date: | 07/05/2018 |
| Global Id: | T10000011783 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.05076 |
| Longitude: | -118.06045 |
| Case Type: | Cleanup Program Site |
| Case Worker: | SLH |
| Local Agency: | Not reported |
| RB Case Number: | 107.0445A |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply, Soil |
| Potential Contaminants of Concern: | Tetrachloroethylene (PCE), Trichloroethylene (TCE) |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

---

**U188** **A-1 TOOL MANUFACTURING** **WIP** **S106765303**
**SE** **1927 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.148 mi.**
**783 ft.** **Site 2 of 5 in cluster U**

**Relative:** **Lower**
**Actual:** **234 ft.**

WIP:

| | |
|---|---|
| Name: | A-1 TOOL MANUFACTURING |
| Address: | 1927 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0477 |
| **File Status:** | **Historical** |

**A-1 TOOL MANUFACTURING (Continued)** **S106765303**

Staff: BPONEK
Facility Suite: Not reported

---

**V189** **DAVID CHEN PROPERTY** **UST** **U004263316**
**NW** **9329 KLINGERMAN ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.148 mi.**
**783 ft.** **Site 1 of 9 in cluster V**

**Relative:** UST:
**Lower**
**Actual:** Name: DAVID CHEN PROPERTY
**236 ft.** Address: 9329 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: Not reported
Permitting Agency: Los Angeles County Fire Department
Latitude: 34.05563
Longitude: -118.06635

---

**V190** **SOUTH ALLIANCE INDUSTRIAL MACHINE INC** **SWEEPS UST** **S104913074**
**NW** **2423 TROY AVENUE** **HAZNET** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.150 mi.** **HWTS**
**793 ft.** **Site 2 of 9 in cluster V**

**Relative:** SWEEPS UST:
**Lower**
**Actual:** Name: CHAMP CORPORATION
**236 ft.** Address: 2423 N TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 6790
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-006790-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

HAZNET:
Name: SOUTH ALLIANCE INDUSTRIAL MACHINE INC
Address: 2423 TROY AVENUE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
Contact: ERIKA HIDALGO
Telephone: 6265753392
Mailing Name: Not reported
Mailing Address: 2423 TROY AVENUE

Year: 2017

**SOUTH ALLIANCE INDUSTRIAL MACHINE INC (Continued)** **S104913074**

| | |
|---|---|
| Gepaid: | CAL000429510 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 2.166 |

Additional Info:

| | |
|---|---|
| Year: | 2017 |
| Gen EPA ID: | CAL000429510 |
| Shipment Date: | 20171221 |
| Creation Date: | 8/3/2018 18:30:42 |
| Receipt Date: | 20171221 |
| Manifest ID: | 003688930GBF |
| Trans EPA ID: | CAD982488470 |
| Trans Name: | SWIFT OIL & VACUUM INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.045 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20170809 |
| Creation Date: | 5/29/2018 18:30:43 |
| Receipt Date: | 20170809 |
| Manifest ID: | 003417345GBF |
| Trans EPA ID: | CAD982488470 |
| Trans Name: | SWIFT OIL & VACUUM INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO KERDOON |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Quantity Tons: | 1.121 |
| Waste Quantity: | 295 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |

**SOUTH ALLIANCE INDUSTRIAL MACHINE INC (Continued)** **S104913074**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

LOS ANGELES CO. HMS:
Name: CHAMP CORP
Address: 2423 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 006570-006790
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000512T
Permit Status: Removed

HWTS:
Name: SOUTH ALLIANCE INDUSTRIAL MACHINE INC
Address: 2423 TROY AVENUE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
EPA ID: CAL000429510
Inactive Date: Not reported
Create Date: 07/26/2017
Last Act Date: 07/26/2017
Mailing Name: Not reported
Mailing Address: 2423 TROY AVENUE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 91733
Owner Name: SOUTH ALLIANCE INDUSTRIAL MACHINE I
Owner Address: 2423 TROY AVENUE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 91733
Contact Name: ERIKA HIDALGO
Contact Address: 2423 TROY AVENUE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733

NAICS:
EPA ID: CAL000429510
Create Date: 2017-07-26 11:49:43
NAICS Code: 336399
NAICS Description: All Other Motor Vehicle Parts Manufacturing
Issued EPA ID Date: 2017-07-26 11:49:43
Inactive Date: Not reported
Facility Name: SOUTH ALLIANCE INDUSTRIAL MACHINE INC
Facility Address: 2423 TROY AVENUE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: 19
Facility State: CA
Facility Zip: 91733

**V191** **SOUTH ALLIANCE INDUSTRIAL MACHINE INC** **RCRA NonGen / NLR** **1024861046**
**NW** **2423 TROY AVENUE** **CAL000429510**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.150 mi.**
**793 ft.** **Site 3 of 9 in cluster V**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2017-07-26 00:00:00.0 |
| Facility name: | SOUTH ALLIANCE INDUSTRIAL MACHINE INC |
| Facility address: | 2423 TROY AVENUE<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAL000429510 |
| Contact: | ERIKA HIDALGO |
| Contact address: | 2423 TROY AVENUE<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-575-3392 |
| Contact email: | ERIKA.HIDALGO@SOUTH.ALLIANCE.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | SOUTH ALLIANCE INDUSTRIAL MACHINE I |
| Owner/operator address: | 2423 TROY AVENUE<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-575-3392 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | ERIKA HIDALGO |
| Owner/operator address: | 2423 TROY AVENUE<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-575-3392 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |

**SOUTH ALLIANCE INDUSTRIAL MACHINE INC (Continued)** **1024861046**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

---

**V192** **CONTRACTORS LIFT TRUCKS INC** **RCRA-SQG** **1000149430**
**NW** **2423 N TROY ST** **FINDS** **CAD981159437**
**1/8-1/4** **EL MONTE, CA 91733** **ECHO**
**0.150 mi.** **LOS ANGELES CO. HMS**
**793 ft.** **Site 4 of 9 in cluster V**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

RCRA-SQG:
Date form received by agency: 1997-10-30 00:00:00.0
Facility name: CONTRACTORS LIFT TRUCKS INC
Facility address: 2423 N TROY ST
EL MONTE, CA 91733
EPA ID: CAD981159437
Mailing address: 2439 N ROSEMEAD BLVD
EL MONTE, CA 91733
Contact: BOBBIE SMITH
Contact address: 2423 N TROY ST
EL MONTE, CA 91733
Contact country: US
Contact telephone: 626-444-9561
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: M AND T COMPANY
Owner/operator address: 2439 N ROSEMEAD BLVD
EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-444-9561
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

**CONTRACTORS LIFT TRUCKS INC (Continued)** **1000149430**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1996-09-01 00:00:00.0
Site name: CONTRACTORS LIFT TRUCKS INC
Classification: Small Quantity Generator

Date form received by agency: 1986-01-16 00:00:00.0
Site name: CONTRACTORS LIFT TRUCKS INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:
Registry ID: 110002677540
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002677540

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

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

ECHO:
Envid: 1000149430
Registry ID: 110002677540
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002677540
Name: CONTRACTORS LIFT TRUCKS INC
Address: 2423 N TROY ST

**CONTRACTORS LIFT TRUCKS INC (Continued)** **1000149430**

City,State,Zip: EL MONTE, CA 91733

LOS ANGELES CO. HMS:
Name: CONTRACTORS LIFT TRUCK INC
Address: 2423 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 006570-I06790
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000006712
Permit Status: Closed

---

**V193** **BROADWAY PLASTIC** **SEMS** **1019328252**
**NW** **2423 N. TROY AVE.** **CAN000903570**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.150 mi.**
**793 ft.** **Site 5 of 9 in cluster V**

**Relative:** **Lower**
**Actual:** **236 ft.**

SEMS:
Site ID: 0903570
EPA ID: CAN000903570
Name: BROADWAY PLASTIC
Address: 2423 N. TROY AVE.
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733
Cong District: Not reported
FIPS Code: 06037
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

---

**V194** **CHAMP CORP** **SWEEPS UST** **S104913075**
**NW** **2425 TROY AVE** **LOS ANGELES CO. HMS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.151 mi.**
**799 ft.** **Site 6 of 9 in cluster V**

**Relative:** **Lower**
**Actual:** **236 ft.**

SWEEPS UST:
Name: CHAMP CORPORATION
Address: 2425 N TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9431
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009431-000001
Tank Status: A

**CHAMP CORP (Continued)** **S104913075**

Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 2

Name: CHAMP CORPORATION
Address: 2425 N TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9431
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009431-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Name: CHAMP CORP
Address: 2425 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009604-009431
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000514T
Permit Status: Removed

---

**W195** **JC HAULING** **RCRA NonGen / NLR** **1026042761**
**NNW** **2450 ROSEMEAD BLVD** **CAC003048951**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.152 mi.**
**803 ft.** **Site 1 of 11 in cluster W**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2019-12-30 00:00:00.0
Facility name: JC HAULING
Facility address: 2450 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
EPA ID: CAC003048951
Mailing address: 504 N SLOAN AVE APT C
COMPTON, CA 90221
Contact: JESUS CARDENAS
Contact address: 504 N SLOAN AVE APT C
COMPTON, CA 90221

**JC HAULING (Continued)** **1026042761**

Contact country: Not reported
Contact telephone: 323-449-5272
Contact email: JCHAULING28@YAHOO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JESUS CARDENAS
Owner/operator address: 504 N SLOAN AVE APT C
COMPTON, CA 90221
Owner/operator country: Not reported
Owner/operator telephone: 323-449-5272
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JESUS CARDENAS
Owner/operator address: 504 N SLOAN AVE APT C
COMPTON, CA 90221
Owner/operator country: Not reported
Owner/operator telephone: 323-449-5272
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Not reported
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

**W196** **SOUTH CALIFORNIA PRODUCE** **HAZNET** **S106765664**
**NNW** **2450 ROSEMEAD BLVD** **WIP** **N/A**
**1/8-1/4** **EL MONTE, CA 91733** **HWTS**
**0.152 mi.**
**803 ft.** **Site 2 of 11 in cluster W**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

HAZNET:

| | |
|---|---|
| Name: | SOUTH CALIFORNIA PRODUCE |
| Address: | 2450 ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | EL MONTE, CA 917331522 |
| Contact: | CHUAN H SOONG |
| Telephone: | 6267160521 |
| Mailing Name: | Not reported |
| Mailing Address: | 12240 KERRWOOD ST APT 4 |
| Year: | 2016 |
| Gepaid: | CAC002874969 |
| TSD EPA ID: | CAT080013352 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 0.627 |

WIP:

| | |
|---|---|
| Name: | HARRIS CONVEYOR RENTALS |
| Address: | 2450 Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1012 |
| **File Status:** | **Historical** |
| Staff: | AHSU |
| Facility Suite: | Not reported |

HWTS:

| | |
|---|---|
| Name: | SOUTH CALIFORNIA PRODUCE |
| Address: | 2450 ROSEMEAD BLVD |
| Address 2: | Not reported |
| City,State,Zip: | EL MONTE, CA 917331522 |
| EPA ID: | CAC002874969 |
| Inactive Date: | 11/23/2016 |
| Create Date: | 08/23/2016 |
| Last Act Date: | 11/23/2016 |
| Mailing Name: | Not reported |
| Mailing Address: | 12240 KERRWOOD ST APT 4 |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | EL MONTE, CA 917322536 |
| Owner Name: | PAUL LEE |
| Owner Address: | 12240 KERRWOOD ST APT 4 |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | EL MONTE, CA 917322536 |
| Contact Name: | CHUAN H SOONG |
| Contact Address: | 12240 KERRWOOD ST APT 4 |
| Contact Address 2: | Not reported |
| City,State,Zip: | EL MONTE, CA 917322536 |

NAICS:

| | |
|---|---|
| EPA ID: | CAC002874969 |

**SOUTH CALIFORNIA PRODUCE (Continued)** **S106765664**

| | |
|---|---|
| Create Date: | 2016-08-23 23:39:01 |
| NAICS Code: | 99999 |
| NAICS Description: | Not Otherwise Specified |
| Issued EPA ID Date: | 2016-08-23 23:39:01 |
| Inactive Date: | 2016-11-23 03:00:40 |
| Facility Name: | SOUTH CALIFORNIA PRODUCE |
| Facility Address: | 2450 ROSEMEAD BLVD |
| Facility Address 2: | Not reported |
| Facility City: | EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 917331522 |

---

**P197** **OWEN BROTHERS ENTERPRISES** **LUST** **S103817734**
**ESE** **9608 E RUSH STREET** **Cortese** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.152 mi.** **CERS**
**803 ft.** **Site 6 of 9 in cluster P**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

LUST:

| | |
|---|---|
| Name: | OWEN BROTHERS ENTERPRISES |
| Address: | 9608 E RUSH STREET |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Case Type: | LUST Cleanup Site |
| Geo Track: | http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603727461 |
| Global Id: | T0603727461 |
| Latitude: | 34.0516723272936 |
| Longitude: | -118.059797825149 |
| Status: | Completed - Case Closed |
| Status Date: | 05/31/2016 |
| Case Worker: | JFL |
| RB Case Number: | R-26827 |
| Local Agency: | LOS ANGELES COUNTY |
| File Location: | Regional Board |
| Local Case Number: | 18760-26827 |
| Potential Media Affect: | Under Investigation |
| Potential Contaminants of Concern: | Diesel |
| Site History: | Not reported |

LUST:

| | |
|---|---|
| Global Id: | T0603727461 |
| Contact Type: | Regional Board Caseworker |
| Contact Name: | JOE F. LUERA |
| Organization Name: | LOS ANGELES RWQCB (REGION 4) |
| Address: | 320 W. 4TH STREET, SUITE 200 |
| City: | LOS ANGELES |
| Email: | joe.luera@waterboards.ca.gov |
| Phone Number: | Not reported |

| | |
|---|---|
| Global Id: | T0603727461 |
| Contact Type: | Local Agency Caseworker |
| Contact Name: | TIM SMITH |
| Organization Name: | LOS ANGELES COUNTY |
| Address: | 900 S. FREMONT AVE. |
| City: | ALHAMBRA |
| Email: | tsmith@dpw.lacounty.gov |

**OWEN BROTHERS ENTERPRISES (Continued)** **S103817734**

Phone Number: Not reported

LUST:

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 05/31/2016
Action: Closure/No Further Action Letter

Global Id: T0603727461
Action Type: Other
Date: 01/19/1999
Action: Leak Discovery

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 12/14/2007
Action: Staff Letter

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 02/21/2007
Action: Staff Letter

Global Id: T0603727461
Action Type: REMEDIATION
Date: 06/20/2000
Action: Not reported

Global Id: T0603727461
Action Type: Other
Date: 06/20/2000
Action: Leak Reported

Global Id: T0603727461
Action Type: RESPONSE
Date: 04/15/2007
Action: Other Report / Document

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603727461
Action Type: RESPONSE
Date: 01/15/2008
Action: Other Workplan

Global Id: T0603727461
Action Type: RESPONSE
Date: 04/15/2007
Action: Request for Closure

Global Id: T0603727461
Action Type: RESPONSE
Date: 02/01/2008
Action: Soil and Water Investigation Workplan

**OWEN BROTHERS ENTERPRISES (Continued)** **S103817734**

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 07/28/2015
Action: State Water Board Closure Order

Global Id: T0603727461
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603727461
Action Type: ENFORCEMENT
Date: 03/18/2015
Action: Notification - Public Participation Document

LUST:
Global Id: T0603727461
Status: Open - Case Begin Date
Status Date: 01/19/1999

Global Id: T0603727461
Status: Open - Site Assessment
Status Date: 06/20/2000

Global Id: T0603727461
Status: Open - Site Assessment
Status Date: 02/21/2007

Global Id: T0603727461
Status: Open - Eligible for Closure
Status Date: 06/26/2013

Global Id: T0603727461
Status: Open - Eligible for Closure
Status Date: 07/28/2015

Global Id: T0603727461
Status: Completed - Case Closed
Status Date: 05/31/2016

CORTESE:
Name: OWEN BROTHERS ENTERPRISES
Address: 9608 E RUSH STREET
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603727461
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported

**OWEN BROTHERS ENTERPRISES (Continued)** **S103817734**

| | |
|---|---|
| Swat R: | Not reported |
| Flag: | active |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | OWEN BROTHERS ENTERPRISES |
| Address: | 9608 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | T |
| Facility Id: | 018760-026827 |
| Facility Type: | 1 |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | 000245872 |
| Permit Status: | Removed |

CERS:

| | |
|---|---|
| Name: | OWEN BROTHERS ENTERPRISES |
| Address: | 9608 E RUSH STREET |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 207754 |
| CERS ID: | T0603727461 |
| CERS Description: | Leaking Underground Storage Tank Cleanup Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | TIM SMITH - LOS ANGELES COUNTY |
| Entity Title: | Not reported |
| Affiliation Address: | 900 S. FREMONT AVE. |
| Affiliation City: | ALHAMBRA |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JOE F. LUERA - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH STREET, SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**P198**
**ESE**
**1/8-1/4**
**0.152 mi.**
**803 ft.**

**OWEN BROTHERS ENTERPRISES**
**9608 EAST RUSH STREET**
**SOUTH EL MONTE, CA 91733**

**UST** **U004271224**
**N/A**

**Site 7 of 9 in cluster P**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

UST CLOSURE:

| | |
|---|---|
| Name: | OWEN BROTHERS ENTERPRISES |
| Address: | 9608 EAST RUSH STREET |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Claim Number: | Case No. R-26827 |
| Type: | Closure Denials and Approved Orders |
| Deadline Date: | 5/22/2015 |
| Documents: | 9608 East Rush Street, South El Monte, CA 91733Notice PDF Download , 9608 East Rush Street, South El Monte, CA 91733Draft Order PDF Download , 9608 East Rush Street, South El Monte, CA 91733Closure Summary PDF Download |
| Comments: | No Comments Received |
| Comments URL: | Not reported |
| Response: | Not reported |
| Response URL: | Not reported |
| Comments2: | Not reported |
| Comments2 URL: | Not reported |
| Response2: | Not reported |
| Response2 URL: | Not reported |
| Closure: | No Comments ReceivedWQO 2015-0106-UST (07/28/2015) PDF Download |
| Closure URL: | https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2015/wqo2015_0106_ust.pdf |
| Uniform: | No Comments ReceivedWQO 2015-0106-UST (07/28/2015)Uniform Closure Letter (5/31/2016 |
| Uniform URL: | https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/r_26827_ucl.pdf |

---

**Q199**
**NE**
**1/8-1/4**
**0.153 mi.**
**807 ft.**

**MONTEREY CASKET CO**
**2404 CHICO AVE**
**SOUTH EL MONTE, CA 91733**

**CERS HAZ WASTE** **S113081258**
**HAZNET** **N/A**
**HWTS**

**Site 7 of 12 in cluster Q**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | MONTEREY CASKET CO |
| Address: | 2404 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 49978 |
| CERS ID: | 10306675 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 49978 |
| Site Name: | MONTEREY CASKET CO |
| Violation Date: | 10-13-2016 |
| Citation: | HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple |
| Violation Description: | Hazardous Waste Generator Program - Administration/Documentation - General |
| Violation Notes: | Returned to compliance on 02/13/2017. OBSERVATION: Owner/Operator failed to submit the hazardous waste notification electronically to CERS. CORRECTIVE ACTION: Owner/Operator shall submit a notification of hazardous waste generated by the facility in accordance with HSC 25128 electronically to CERS. HSC 25404(e)(4) No later than three years after the statewide information management system is established, each |

**MONTEREY CASKET CO (Continued)** **S113081258**

CUPA, PA, and regulated business shall report program data electronically. The secretary shall work with the CUPAs to develop a phased in schedule for the electronic collection and submittal of information to be included in the statewide information management system, giving first priority to information relating to those chemicals determined by the secretary to be of greatest concern. The secretary, in making this determination shall consult with the CUPAs, the California Emergency Management Agency, the State Fire Marshal, and the boards, departments, and offices within the California [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 49978
Site Name: MONTEREY CASKET CO
Violation Date: 06-26-2013
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: HSC 25404 Submit to CERS
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by J Rooney, HMS III Consent by B Bautista
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Belinda Bautista, Secretary
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-13-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS HW notification received; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Clean Harbors

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | 1737 E Denni St |
| Affiliation City: | Wilmington |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90744 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | MONTEREY CASKET CO |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2404 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Bernard Bautista |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 890-6951 |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Bernard Bautista |
| Entity Title: | Not reported |
| Affiliation Address: | 2404 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 448-6472 |

**MONTEREY CASKET CO (Continued)** **S113081258**

HAZNET:

| | |
|---|---|
| Name: | MONTEREY CASKET CO |
| Address: | 2404 CHICO AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact: | BERNARD BAUTISTA |
| Telephone: | 6264486472 |
| Mailing Name: | Not reported |
| Mailing Address: | 2404 CHICO AVE |
| Year: | 2016 |
| Gepaid: | CAL000147749 |
| TSD EPA ID: | ARD069748192 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Tons: | 0.275 |
| Year: | 2015 |
| Gepaid: | CAL000147749 |
| TSD EPA ID: | ARD069748192 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Tons: | 0.075 |
| Year: | 2015 |
| Gepaid: | CAL000147749 |
| TSD EPA ID: | TXD055141378 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Tons: | 0.08 |
| Year: | 2014 |
| Gepaid: | CAL000147749 |
| TSD EPA ID: | NED981723513 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Tons: | 0.1525 |
| Year: | 2014 |
| Gepaid: | CAL000147749 |
| TSD EPA ID: | TXD055141378 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Tons: | 0.1 |
| Year: | 2013 |
| Gepaid: | CAL000147749 |
| TSD EPA ID: | TXD055141378 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Tons: | 0.2 |
| Year: | 2013 |
| Gepaid: | CAL000147749 |
| TSD EPA ID: | ARD069748192 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |

**MONTEREY CASKET CO (Continued)** **S113081258**

Tons: 0.075

Year: 2012
Gepaid: CAL000147749
TSD EPA ID: TXD055141378
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.21

Year: 2012
Gepaid: CAL000147749
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.31

Year: 2011
Gepaid: CAL000147749
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.35

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

Additional Info:
Year: 2013
Gen EPA ID: CAL000147749

Shipment Date: 20131112
Creation Date: 3/31/2014 22:15:09
Receipt Date: 20131127
Manifest ID: 006964312FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130813
Creation Date: 1/24/2017 18:31:06

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Receipt Date: | 20130904 |
| Manifest ID: | 006105769FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERVICES |
| TSDF EPA ID: | ARD069748192 |
| Trans Name: | CLEAN HARBORS EL DORADO LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.0425 |
| Waste Quantity: | 85 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20130507 |
| Creation Date: | 10/8/2013 22:15:15 |
| Receipt Date: | 20130517 |
| Manifest ID: | 006066975FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | AZR000508515 |
| Trans 2 Name: | SLT |
| TSDF EPA ID: | TXD055141378 |
| Trans Name: | CLEAN HARBORS DEER PARK LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2014 |
| Gen EPA ID: | CAL000147749 |

| | |
|---|---|
| Shipment Date: | 20140725 |
| Creation Date: | 1/14/2015 22:14:51 |
| Receipt Date: | 20140804 |
| Manifest ID: | 007453138FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | AZR000513770 |

**MONTEREY CASKET CO (Continued)** **S113081258**

Trans 2 Name: SLT
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140401
Creation Date: 9/9/2014 22:15:03
Receipt Date: 20140410
Manifest ID: 006966064FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000508515
Trans 2 Name: SLT
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.1525
Waste Quantity: 305
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAL000147749

Shipment Date: 20060911
Creation Date: 5/6/2008 18:30:17
Receipt Date: 20061003
Manifest ID: 000394595FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.125 |
| Waste Quantity: | 250 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1998 |
| Gen EPA ID: | CAL000147749 |
| Shipment Date: | 19981229 |
| Creation Date: | 2/26/1999 0:00:00 |
| Receipt Date: | 19990106 |
| Manifest ID: | 98611990 |
| Trans EPA ID: | DER000000968 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | DER000000273 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.04 |
| Waste Quantity: | 80 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19981106 |
| Creation Date: | 1/5/1999 0:00:00 |
| Receipt Date: | 19981106 |
| Manifest ID: | 98611826 |
| Trans EPA ID: | DER000000968 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.035 |
| Waste Quantity: | 70 |

**MONTEREY CASKET CO (Continued)** **S113081258**

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAL000147749

Shipment Date: 20020822
Creation Date: 1/28/2003 18:31:46
Receipt Date: 20020823
Manifest ID: 21830695
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D005
Disposal Method: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020620
Creation Date: 1/14/2003 18:31:21
Receipt Date: 20020624
Manifest ID: 21405977
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

**MONTEREY CASKET CO (Continued)** **S113081258**

Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAL000147749

Shipment Date: 20091210
Creation Date: 6/29/2010 18:30:46
Receipt Date: 20091222
Manifest ID: 003012697FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESSWAY
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.115
Waste Quantity: 230
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090915
Creation Date: 3/5/2010 18:30:17
Receipt Date: 20090918
Manifest ID: 003013224FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090818
Creation Date: 3/5/2010 18:30:23
Receipt Date: 20090901

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Manifest ID: | 003013590FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | UTR000007708 |
| Trans 2 Name: | SLT EXPRESSWAY |
| TSDF EPA ID: | TXD055141378 |
| Trans Name: | CLEAN HARBORS DEER PARK LP |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20090429 |
| Creation Date: | 9/15/2009 18:30:08 |
| Receipt Date: | 20090505 |
| Manifest ID: | 001204835FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | UTR000007708 |
| Trans 2 Name: | SLT EXPRESSWAY |
| TSDF EPA ID: | TXD055141378 |
| Trans Name: | CLEAN HARBORS DEER PARK LP |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.125 |
| Waste Quantity: | 250 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2016 |
| Gen EPA ID: | CAL000147749 |

| | |
|---|---|
| Shipment Date: | 20151027 |
| Creation Date: | 5/4/2016 22:15:36 |
| Receipt Date: | 20151111 |
| Manifest ID: | 008302848FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICE INC |
| Trans 2 EPA ID: | MOR000501973 |
| Trans 2 Name: | R&R TRUCKING INC |

**MONTEREY CASKET CO (Continued)** **S113081258**

TSDF EPA ID: ARD069748192
Trans Name: CLEAN HARBORS EL DORADO LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150303
Creation Date: 8/10/2015 22:15:28
Receipt Date: 20150310
Manifest ID: 008053148FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MOR000501973
Trans 2 Name: R & R
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.08
Waste Quantity: 160
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAL000147749

Shipment Date: 20040323
Creation Date: 10/14/2004 7:35:58
Receipt Date: 20040402
Manifest ID: 22910884
Trans EPA ID: NED986382133
Trans Name: SMITH SYSTEMS TRANSPORTATION
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: TERIS - WILMINGTON
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids

**MONTEREY CASKET CO (Continued)** **S113081258**

RCRA Code: D035
Disposal Method: D99 - Disposal, Other
Quantity Tons: 0.06
Waste Quantity: 120
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAL000147749

Shipment Date: 20111025
Creation Date: 3/26/2012 20:30:13
Receipt Date: 20111103
Manifest ID: 004790210FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANS
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110804
Creation Date: 1/12/2012 18:30:25
Receipt Date: 20110816
Manifest ID: 004706855FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANS
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110614 |
| Creation Date: | 12/9/2011 18:30:36 |
| Receipt Date: | 20110711 |
| Manifest ID: | 004419999FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | NED986382133 |
| Trans 2 Name: | SMITH SYSTEMS TRANS |
| TSDF EPA ID: | NED981723513 |
| Trans Name: | CLEAN HARBORS ENV SERVICES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.125 |
| Waste Quantity: | 250 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20110304 |
| Creation Date: | 7/15/2011 18:30:11 |
| Receipt Date: | 20110318 |
| Manifest ID: | 004483738FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | AZR000508515 |
| Trans 2 Name: | SLT EXPRESS WAY INC |
| TSDF EPA ID: | ARD069748192 |
| Trans Name: | CLEAN HARBORS EL DORADO LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2008 |
| Gen EPA ID: | CAL000147749 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Shipment Date: | 20081125 |
| Creation Date: | 4/21/2009 18:30:09 |
| Receipt Date: | 20081212 |
| Manifest ID: | 002109212FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | UTD988074712 |
| Trans 2 Name: | ENVIROCARE INC |
| TSDF EPA ID: | TXD055141378 |
| Trans Name: | CLEAN HARBORS DEER PARK LP |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20080723 |
| Creation Date: | 12/8/2008 18:30:25 |
| Receipt Date: | 20080808 |
| Manifest ID: | 002108971FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SVCS |
| TSDF EPA ID: | UTD981552177 |
| Trans Name: | CLEAN HARBORS ARAGONITE LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.125 |
| Waste Quantity: | 250 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20080423 |
| Creation Date: | 9/25/2008 18:30:24 |
| Receipt Date: | 20080506 |
| Manifest ID: | 001813318FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV |
| TSDF EPA ID: | UTD981552177 |

**MONTEREY CASKET CO (Continued)** **S113081258**

Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080211
Creation Date: 8/4/2008 18:30:16
Receipt Date: 20080218
Manifest ID: 001822517FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.135
Waste Quantity: 270
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAL000147749

Shipment Date: 19991104
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991116
Manifest ID: 99486841
Trans EPA ID: OKD981588791
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D035

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990902 |
| Creation Date: | 10/27/1999 0:00:00 |
| Receipt Date: | 19990910 |
| Manifest ID: | 99115277 |
| Trans EPA ID: | DER000000968 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D001 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.05 |
| Waste Quantity: | 100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990701 |
| Creation Date: | 9/1/1999 0:00:00 |
| Receipt Date: | 19990714 |
| Manifest ID: | 98491651 |
| Trans EPA ID: | DER000000968 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.04 |
| Waste Quantity: | 80 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Shipment Date: | 19990428 |
| Creation Date: | 6/10/1999 0:00:00 |
| Receipt Date: | 19990505 |
| Manifest ID: | 98604714 |
| Trans EPA ID: | DER000000968 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2001 |
| Gen EPA ID: | CAL000147749 |

| | |
|---|---|
| Shipment Date: | 20011106 |
| Creation Date: | 1/16/2002 0:00:00 |
| Receipt Date: | 20011109 |
| Manifest ID: | 21405620 |
| Trans EPA ID: | OKD981588791 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010912 |
| Creation Date: | 11/1/2001 0:00:00 |
| Receipt Date: | 20010920 |
| Manifest ID: | 20758446 |
| Trans EPA ID: | OKD981588791 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010518 |
| Creation Date: | 7/20/2001 0:00:00 |
| Receipt Date: | 20010524 |
| Manifest ID: | 20758695 |
| Trans EPA ID: | OKD981588791 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010308 |
| Creation Date: | 5/16/2001 0:00:00 |
| Receipt Date: | 20010319 |
| Manifest ID: | 20401216 |
| Trans EPA ID: | OKD981588791 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.05 |
| Waste Quantity: | 100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010112 |
| Creation Date: | 3/22/2001 0:00:00 |
| Receipt Date: | 20010115 |
| Manifest ID: | 20401200 |
| Trans EPA ID: | OKD981588791 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2015 |
| Gen EPA ID: | CAL000147749 |
| | |
| Shipment Date: | 20151027 |
| Creation Date: | 5/4/2016 22:15:36 |
| Receipt Date: | 20151111 |
| Manifest ID: | 008302848FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICE INC |
| Trans 2 EPA ID: | MOR000501973 |
| Trans 2 Name: | R&R TRUCKING INC |
| TSDF EPA ID: | ARD069748192 |
| Trans Name: | CLEAN HARBORS EL DORADO LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.075 |
| Waste Quantity: | 150 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20150303 |
| Creation Date: | 8/10/2015 22:15:28 |
| Receipt Date: | 20150310 |
| Manifest ID: | 008053148FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | MOR000501973 |
| Trans 2 Name: | R & R |
| TSDF EPA ID: | TXD055141378 |
| Trans Name: | CLEAN HARBORS DEER PARK LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.08 |
| Waste Quantity: | 160 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2003 |
| Gen EPA ID: | CAL000147749 |
| | |
| Shipment Date: | 20031111 |
| Creation Date: | 8/9/2004 8:46:56 |
| Receipt Date: | 20031119 |
| Manifest ID: | 22911093 |
| Trans EPA ID: | TNR000009183 |
| Trans Name: | MS CARRIERS |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | TERIS - WILMINGTON |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Shipment Date: | 20030902 |
| Creation Date: | 7/29/2004 7:45:24 |
| Receipt Date: | 20030902 |
| Manifest ID: | 22911187 |
| Trans EPA ID: | TNR000009183 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030602 |
| Creation Date: | 6/22/2004 9:47:57 |
| Receipt Date: | 20030604 |
| Manifest ID: | 21835316 |
| Trans EPA ID: | TNR000009183 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030120 |
| Creation Date: | 5/18/2003 14:32:26 |
| Receipt Date: | 20030122 |
| Manifest ID: | 21835415 |
| Trans EPA ID: | TNR000009183 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2007 |
| Gen EPA ID: | CAL000147749 |
| Shipment Date: | 20071022 |
| Creation Date: | 2/4/2008 18:30:20 |
| Receipt Date: | 20071023 |
| Manifest ID: | 000943282FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENV SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20070821 |
| Creation Date: | 12/28/2007 18:30:32 |
| Receipt Date: | 20070822 |
| Manifest ID: | 001075964FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENV SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| RCRA Code: | D035 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070412 |
| Creation Date: | 10/10/2007 18:30:08 |
| Receipt Date: | 20070420 |
| Manifest ID: | 001127256FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENV SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20070119 |
| Creation Date: | 8/9/2007 18:30:13 |
| Receipt Date: | 20070123 |
| Manifest ID: | 000505319FLE |
| Trans EPA ID: | NED986382133 |
| Trans Name: | SMITH SYSTEMS TRANSPORT INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | CLEAN HARBORS WILMINGTON LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.09 |
| Waste Quantity: | 180 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2000 |
| Gen EPA ID: | CAL000147749 |
| Shipment Date: | 20001011 |
| Creation Date: | 12/8/2000 0:00:00 |
| Receipt Date: | 20001018 |
| Manifest ID: | 20401446 |
| Trans EPA ID: | OKD981588791 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20000816 |
| Creation Date: | 10/23/2000 0:00:00 |
| Receipt Date: | 20000821 |
| Manifest ID: | 97288088 |
| Trans EPA ID: | OKD981588791 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Shipment Date: | 20000706 |
| Creation Date: | 9/11/2000 0:00:00 |
| Receipt Date: | 20000711 |
| Manifest ID: | 99487197 |
| Trans EPA ID: | OKD981588791 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000502 |
| Creation Date: | 8/1/2000 0:00:00 |
| Receipt Date: | 20000601 |
| Manifest ID: | 99487702 |
| Trans EPA ID: | OKD981588791 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000202 |
| Creation Date: | 5/3/2000 0:00:00 |
| Receipt Date: | 20000221 |
| Manifest ID: | 99486925 |
| Trans EPA ID: | OKD981588791 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD044429835 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD044429835 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | D99 - Disposal, Other |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2010 |
| Gen EPA ID: | CAL000147749 |
| Shipment Date: | 20101216 |
| Creation Date: | 5/27/2011 18:30:13 |
| Receipt Date: | 20110114 |
| Manifest ID: | 003884922FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | NED986382133 |
| Trans 2 Name: | SMITH SYSTEMS TRANS |
| TSDF EPA ID: | NED981723513 |
| Trans Name: | CLEAN HARBORS ENV SERVICES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20100726 |
| Creation Date: | 1/27/2011 18:30:07 |
| Receipt Date: | 20100806 |
| Manifest ID: | 002045381FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | AZR000508515 |
| Trans 2 Name: | SLT EXPRESSWAY |
| TSDF EPA ID: | TXD055141378 |
| Trans Name: | CLEAN HARBORS DEER PARK LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Disposal Method: | H140 - Not reported |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20100226 |
| Creation Date: | 11/3/2010 18:30:37 |
| Receipt Date: | 20100303 |
| Manifest ID: | 003094592FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SVCS |
| TSDF EPA ID: | UTD981552177 |
| Trans Name: | CLEAN HARBORS ARAGONITE LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.175 |
| Waste Quantity: | 350 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2012 |
| Gen EPA ID: | CAL000147749 |
| | |
| Shipment Date: | 20121218 |
| Creation Date: | 5/3/2013 22:15:23 |
| Receipt Date: | 20121227 |
| Manifest ID: | 006057637FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERVICES |
| TSDF EPA ID: | TXD055141378 |
| Trans Name: | CLEAN HARBORS DEER PARK LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20121106 |
| Creation Date: | 8/22/2013 22:15:16 |
| Receipt Date: | 20121112 |
| Manifest ID: | 006113255FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | AZR000508515 |
| Trans 2 Name: | SLT EXPRESSWAY |
| TSDF EPA ID: | NED981723513 |
| Trans Name: | CLEAN HARBORS ENV SERVICES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.11 |
| Waste Quantity: | 220 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120702 |
| Creation Date: | 2/3/2013 22:15:07 |
| Receipt Date: | 20120711 |
| Manifest ID: | 005334550FLE |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | OKD981588791 |
| Trans 2 Name: | TRIAD TRANSPORT INC |
| TSDF EPA ID: | TXD055141378 |
| Trans Name: | CLEAN HARBORS DEER PARK LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.11 |
| Waste Quantity: | 220 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20120501 |
| Creation Date: | 12/5/2012 22:15:42 |
| Receipt Date: | 20120509 |
| Manifest ID: | 005332210FLE |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERVICES |
| TSDF EPA ID: | NED981723513 |
| Trans Name: | CLEAN HARBORS ENV SERVICES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.125 |
| Waste Quantity: | 250 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20120228 |
| Creation Date: | 12/6/2012 22:15:45 |
| Receipt Date: | 20120305 |
| Manifest ID: | 001988602JJK |
| Trans EPA ID: | MAD039322250 |
| Trans Name: | CLEAN HARBORS ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | MAD039322250 |
| Trans 2 Name: | CLEAN HARBORS ENV SERVICES |
| TSDF EPA ID: | NED981723513 |
| Trans Name: | CLEAN HARBORS ENV SERVICES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | D035 |
| Disposal Method: | H040 - Incineration--Thermal Destruction Other Than Use As A Fuel |
| Quantity Tons: | 0.075 |
| Waste Quantity: | 150 |
| Quantity Unit: | P |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

HWTS:

| | |
|---|---|
| Name: | MONTEREY CASKET CO |
| Address: | 2404 CHICO AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| EPA ID: | CAL000147749 |
| Inactive Date: | Not reported |
| Create Date: | 10/15/1998 |
| Last Act Date: | 09/17/2019 |
| Mailing Name: | Not reported |
| Mailing Address: | 2404 CHICO AVE |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917331613 |

**MONTEREY CASKET CO (Continued)** **S113081258**

| | |
|---|---|
| Owner Name: | ANDRES BAUTISTA |
| Owner Address: | 2404 CHICO AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 917331613 |
| Contact Name: | BERNARD BAUTISTA |
| Contact Address: | 2404 CHICO AVE. |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

---

**Q200** **MONTEREY CASKET CO., INC.** **CPS-SLIC** **S103978278**
**NE** **2404 CHICO AVE.** **EMI** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **WIP**
**0.153 mi.** **CERS**
**807 ft.** **Site 8 of 12 in cluster Q**

**Relative: Higher**

**Actual: 243 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | MONTEREY CASKET CO., INC. |
| Address: | 2404 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 10/29/2014 |
| Global Id: | SL603798826 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.057095 |
| Longitude: | -118.059018 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.2173 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

EMI:

| | |
|---|---|
| Name: | MONTEREY CASKET CO INC |
| Address: | 2404 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 44504 |
| Air District Name: | SC |
| SIC Code: | 2449 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 5 |
| Reactive Organic Gases Tons/Yr: | 5 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |

**MONTEREY CASKET CO., INC. (Continued)** **S103978278**

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

| | |
|---|---|
| Name: | MONTEREY CASKET CO INC |
| Address: | 2404 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Year: | 1990 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 44504 |
| Air District Name: | SC |
| SIC Code: | 3995 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | MONTEREY CASKET CO INC |
| Address: | 2404 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Year: | 2002 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 44504 |
| Air District Name: | SC |
| SIC Code: | 3995 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | MONTEREY CASKET CO INC |
| Address: | 2404 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Year: | 2003 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 44504 |
| Air District Name: | SC |
| SIC Code: | 3995 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |

**MONTEREY CASKET CO., INC. (Continued)** **S103978278**

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

Name: MONTEREY CASKET CO INC
Address: 2404 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 917330000
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 44504
Air District Name: SC
SIC Code: 3995
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.182
Reactive Organic Gases Tons/Yr: 1.16
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

WIP:
Name: MONTEREY CASKET CO., INC.
Address: 2404 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2173
**File Status: Active**
Staff: REHE
Facility Suite: Not reported

CERS:
Name: MONTEREY CASKET CO., INC.
Address: 2404 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 231921
CERS ID: SL603798826
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**Q201** **MONTEREY CASKET CO** **RCRA NonGen / NLR** **1024794327**
**NE** **2404 CHICO AVE** **CAL000147749**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.153 mi.**
**807 ft.** **Site 9 of 12 in cluster Q**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 1998-10-15 00:00:00.0 |
| Facility name: | MONTEREY CASKET CO |
| Facility address: | 2404 CHICO AVE<br>SOUTH EL MONTE, CA 91733-0000 |
| EPA ID: | CAL000147749 |
| Contact: | BERNARD BAUTISTA |
| Contact address: | 2404 CHICO AVE.<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-448-6472 |
| Contact email: | MONTEREYCASKETCO@SBCGLOBAL.NET |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | ANDRES BAUTISTA |
| Owner/operator address: | 2404 CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-448-6472 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | BERNARD BAUTISTA |
| Owner/operator address: | 2404 CHICO AVE.<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-448-6472 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |

**MONTEREY CASKET CO (Continued)** **1024794327**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

---

**Q202** **J. P. MILLER COMPANY INC.** **WIP** **S106766192**
**NE** **2410 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.154 mi.**
**815 ft.** **Site 10 of 12 in cluster Q**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

WIP:
Name: J. P. MILLER COMPANY INC.
Address: 2410 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2182
**File Status: Historical**
Staff: UNIDENTIFIED
Facility Suite: Not reported

---

**R203** **PARAGON PRESS INC.** **WIP** **S106765255**
**WSW** **9323 RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.155 mi.**
**819 ft.** **Site 3 of 7 in cluster R**

**Relative:**
**Lower**

**Actual:**
**230 ft.**

WIP:
Name: PARAGON PRESS INC.
Address: 9323 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0303
**File Status: Historical**
Staff: GMM
Facility Suite: Not reported

---

**R204** **PARAGON PRESS** **SEMS-ARCHIVE** **1000219311**
**WSW** **9323 RUSH ST** **RCRA-TSDF** **CAD008246746**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **RCRA NonGen / NLR**
**0.155 mi.** **FINDS**
**819 ft.** **Site 4 of 7 in cluster R** **ECHO**
**LOS ANGELES CO. HMS**

**Relative:**
**Lower**

**Actual:**
**230 ft.**

SEMS Archive:
Site ID: 0903369
EPA ID: CAD008246746
Name: BOER GRAPHICS
Address: 9323 RUSH ST
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733

**PARAGON PRESS (Continued)** **1000219311**

Cong District: 30
FIPS Code: 06037
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09
Site ID: 0903369
EPA ID: CAD008246746
Site Name: BOER GRAPHICS
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 2003-06-06 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0903369
EPA ID: CAD008246746
Site Name: BOER GRAPHICS
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 2001-10-01 04:00:00
Finish Date: 2002-09-27 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0903369
EPA ID: CAD008246746
Site Name: BOER GRAPHICS
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1990-08-24 04:00:00
Finish Date: 1990-08-24 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

RCRA-TSDF:
Date form received by agency: 1993-10-19 00:00:00.0
Facility name: PARAGON PRESS
Facility address: 9323 RUSH ST

**PARAGON PRESS (Continued)** **1000219311**

SOUTH EL MONTE, CA 91733
EPA ID: CAD008246746
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: PARAGON PRESS
Owner/operator address: 9323 RUSH ST
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 818-442-8066
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROBERT GRAPHIC ARTS
Owner/operator address: 9323 RUSH ST
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: 213-579-3013
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

**PARAGON PRESS (Continued)** **1000219311**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1992-10-08 00:00:00.0
Site name: PARAGON PRESS
Classification: Small Quantity Generator

Corrective Action Summary:
Event date: 1990-01-01 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 2007-02-23 12:10:15.0
Date achieved compliance: 1988-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 2007-02-23 12:09:59.0
Date achieved compliance: 1988-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 2007-02-23 12:09:40.0
Date achieved compliance: 1990-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-10-05 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

**PARAGON PRESS (Continued)** **1000219311**

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 2007-02-23 12:09:19.0
Date achieved compliance: 1990-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 2003-01-10 17:18:03.0
Date achieved compliance: 1985-11-07 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1985-10-28 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - FEA
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 2003-01-10 17:18:03.0
Date achieved compliance: 1985-11-07 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1985-10-28 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 2003-01-10 17:18:02.0
Date achieved compliance: 1985-11-07 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1985-05-08 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

**PARAGON PRESS (Continued)** **1000219311**

Evaluation Action Summary:

| | |
|---|---|
| Evaluation date: | 1989-08-29 00:00:00.0 |
| Evaluation: | FINANCIAL RECORD REVIEW |
| Area of violation: | TSD - Financial Requirements |
| Date achieved compliance: | 1990-01-01 00:00:00.0 |
| Evaluation lead agency: | State |
| Evaluation date: | 1989-08-22 00:00:00.0 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | TSD - Closure/Post-Closure |
| Date achieved compliance: | 1990-01-01 00:00:00.0 |
| Evaluation lead agency: | State |
| Evaluation date: | 1987-06-23 00:00:00.0 |
| Evaluation: | FINANCIAL RECORD REVIEW |
| Area of violation: | TSD - Financial Requirements |
| Date achieved compliance: | 1988-01-01 00:00:00.0 |
| Evaluation lead agency: | State |
| Evaluation date: | 1987-05-06 00:00:00.0 |
| Evaluation: | NON-FINANCIAL RECORD REVIEW |
| Area of violation: | Generators - General |
| Date achieved compliance: | 1988-01-01 00:00:00.0 |
| Evaluation lead agency: | State |
| Evaluation date: | 1987-05-06 00:00:00.0 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |
| Evaluation date: | 1985-11-07 00:00:00.0 |
| Evaluation: | COMPLIANCE SCHEDULE EVALUATION |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |
| Evaluation date: | 1985-11-07 00:00:00.0 |
| Evaluation: | NON-FINANCIAL RECORD REVIEW |
| Area of violation: | Not reported |
| Date achieved compliance: | Not reported |
| Evaluation lead agency: | State |
| Evaluation date: | 1985-10-28 00:00:00.0 |
| Evaluation: | COMPLIANCE SCHEDULE EVALUATION |
| Area of violation: | Generators - General |
| Date achieved compliance: | 1985-11-07 00:00:00.0 |
| Evaluation lead agency: | State |
| Evaluation date: | 1985-10-28 00:00:00.0 |
| Evaluation: | COMPLIANCE SCHEDULE EVALUATION |
| Area of violation: | Formal Enforcement Agreement or Order |
| Date achieved compliance: | 1985-11-07 00:00:00.0 |
| Evaluation lead agency: | State |
| Evaluation date: | 1985-05-08 00:00:00.0 |
| Evaluation: | COMPLIANCE EVALUATION INSPECTION ON-SITE |

**PARAGON PRESS (Continued)** **1000219311**

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

Evaluation date: 1985-05-08 00:00:00.0
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 1985-11-07 00:00:00.0
Evaluation lead agency: State

RCRA NonGen / NLR:
Date form received by agency: 1993-10-19 00:00:00.0
Facility name: PARAGON PRESS
Facility address: 9323 RUSH ST
SOUTH EL MONTE, CA 91733
EPA ID: CAD008246746
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: PARAGON PRESS
Owner/operator address: 9323 RUSH ST
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 818-442-8066
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROBERT GRAPHIC ARTS
Owner/operator address: 9323 RUSH ST
CITY NOT REPORTED, CA 99999
Owner/operator country: Not reported
Owner/operator telephone: 213-579-3013
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

**PARAGON PRESS (Continued)** **1000219311**

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

Historical Generators:
Date form received by agency: 1992-10-08 00:00:00.0
Site name: PARAGON PRESS
Classification: Small Quantity Generator

Corrective Action Summary:
Event date: 1990-01-01 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 2007-02-23 12:10:15.0
Date achieved compliance: 1988-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 2007-02-23 12:09:59.0
Date achieved compliance: 1988-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

**PARAGON PRESS (Continued)** **1000219311**

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 2007-02-23 12:09:40.0
Date achieved compliance: 1990-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-10-05 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 2007-02-23 12:09:19.0
Date achieved compliance: 1990-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 2003-01-10 17:18:03.0
Date achieved compliance: 1985-11-07 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1985-10-28 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - FEA
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 2003-01-10 17:18:03.0
Date achieved compliance: 1985-11-07 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1985-10-28 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A

**PARAGON PRESS (Continued)** **1000219311**

Area of violation: Generators - General
Date violation determined: 2003-01-10 17:18:02.0
Date achieved compliance: 1985-11-07 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1985-05-08 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 1989-08-29 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 1990-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-08-22 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 1990-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1987-06-23 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 1988-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1987-05-06 00:00:00.0
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 1988-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1987-05-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1985-11-07 00:00:00.0
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1985-11-07 00:00:00.0
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1985-10-28 00:00:00.0

**PARAGON PRESS (Continued)** **1000219311**

Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - General
Date achieved compliance: 1985-11-07 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1985-10-28 00:00:00.0
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Formal Enforcement Agreement or Order
Date achieved compliance: 1985-11-07 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1985-05-08 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1985-05-08 00:00:00.0
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 1985-11-07 00:00:00.0
Evaluation lead agency: State

FINDS:
Registry ID: 110002630742
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002630742

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

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

ECHO:
Envid: 1000219311
Registry ID: 110002630742
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002630742
Name: PARAGON PRESS
Address: 9323 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733

LOS ANGELES CO. HMS:
Name: PARAGON PRESS
Address: 9323 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 002139-020164
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000068099

**PARAGON PRESS (Continued)** **1000219311**

Permit Status: Closed

---

**R205** **BOER GRAPHICS (ROBERT GRAPHIC ARTS)** **ENVIROSTOR** **S109467235**
**WSW** **9323 RUSH ST** **HWP** **N/A**
**1/8-1/4** **S EL MONTE, CA 91733** **CERS**
**0.155 mi.**
**819 ft.** **Site 5 of 7 in cluster R**

**Relative:** **Lower**

**Actual:** **230 ft.**

ENVIROSTOR:

| | |
|---|---|
| Name: | BOER GRAPHICS (ROBERT GRAPHIC ARTS) |
| Address: | 9323 RUSH ST |
| City,State,Zip: | S EL MONTE, CA 917330000 |
| Facility ID: | 80001533 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | 11/01/2018 |
| Site Code: | Not reported |
| Site Type: | Corrective Action |
| Site Type Detailed: | Corrective Action |
| Acres: | 0 |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | * Unknown |
| Division Branch: | Cleanup Chatsworth |
| Assembly: | 57 |
| Senate: | 22 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 34.05233 |
| Longitude: | -118.0663 |
| APN: | 5281020025 |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | 5281020025 |
| Alias Type: | APN |
| Alias Name: | CAD008246746 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 80001533 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |

**BOER GRAPHICS (ROBERT GRAPHIC ARTS) (Continued)** **S109467235**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HWP:
Name: BOER GRAPHICS (ROBERT GRAPHIC ARTS)
Address: 9323 RUSH ST
City,State,Zip: S EL MONTE, CA 917330000
EPA Id: CAD008246746
Cleanup Status: PROTECTIVE FILER
Latitude: 34.05233
Longitude: -118.0663
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 57
Senate District: 22
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD008246746
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKTRT1
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date: 04/30/1989

EPA Id: CAD008246746
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKTRT1
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date: 12/07/1989

CERS:
Name: BOER GRAPHICS (ROBERT GRAPHIC ARTS)
Address: 9323 RUSH ST
City,State,Zip: S EL MONTE, CA 917330000
Site ID: 197938
CERS ID: CAD008246746
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: INACTIVE,UNDELIVERABLE 96 FEE
Entity Title: Not reported
Affiliation Address: 9323 RUSH ST
Affiliation City: S. EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 917330000
Affiliation Phone: 8185793013

Affiliation Type Desc: Facility Owner
Entity Name: ROBERT GRAPHIC ARTS

**BOER GRAPHICS (ROBERT GRAPHIC ARTS) (Continued)** **S109467235**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | 9323 RUSH ST |
| Affiliation City: | S. EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 917330000 |
| Affiliation Phone: | 8185793013 |

---

**R206** **RGA INVESTMENTS, INC.** **WIP** **S106765929**
**WSW** **9323 RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.155 mi.**
**819 ft.** **Site 6 of 7 in cluster R**

**Relative:** **Lower**
**Actual:** **230 ft.**

WIP:

| | |
|---|---|
| Name: | RGA INVESTMENTS, INC. |
| Address: | 9323 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1453 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

---

**P207** **COMMERCIAL WASTE PAPER CO.,INC** **WIP** **S106765489**
**ESE** **9610 RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.157 mi.**
**827 ft.** **Site 8 of 9 in cluster P**

**Relative:** **Higher**
**Actual:** **237 ft.**

WIP:

| | |
|---|---|
| Name: | COMMERCIAL WASTE PAPER CO.,INC |
| Address: | 9610 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0753 |
| **File Status:** | **Historical** |
| Staff: | RASTON |
| Facility Suite: | Not reported |

---

**P208** **MORRIS MANUFACTURING CO.** **WIP** **S106765792**
**ESE** **9617 RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.161 mi.**
**850 ft.** **Site 9 of 9 in cluster P**

**Relative:** **Higher**
**Actual:** **238 ft.**

WIP:

| | |
|---|---|
| Name: | MORRIS MANUFACTURING CO. |
| Address: | 9617 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1239 |
| **File Status:** | **Historical** |
| Staff: | BPONEK |

**MORRIS MANUFACTURING CO. (Continued)** **S106765792**

Facility Suite: Not reported

---

**Q209** **RAYPACK, INC.** **WIP** **S106484581**
**NE** **2416 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.162 mi.**
**853 ft.** **Site 11 of 12 in cluster Q**

**Relative:** **Higher**
**Actual:** **244 ft.**

WIP:
Name: RAYPACK, INC.
Address: 2416 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0807
**File Status:** **Backlog**
Staff: UNIDENTIFIED
Facility Suite: Not reported

---

**W210** **BUCHANAN CO., INC.** **WIP** **S106765220**
**NNW** **2464 ROSEMEAD BLVD** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.164 mi.**
**866 ft.** **Site 3 of 11 in cluster W**

**Relative:** **Higher**
**Actual:** **240 ft.**

WIP:
Name: BUCHANAN CO., INC.
Address: 2464 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0127
**File Status:** **Historical**
Staff: BPONEK
Facility Suite: Not reported

---

**V211** **MIKE PRLICH & SONS** **SWEEPS UST** **U001569480**
**WNW** **9316 KLINGERMAN ST** **HIST UST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.164 mi.**
**868 ft.** **Site 7 of 9 in cluster V**

**Relative:** **Lower**
**Actual:** **235 ft.**

SWEEPS UST:
Name: PRLICH & SON
Address: 9316 KLINGERMAN ST
City: SOUTH EL MONTE
Status: Active
Comp Number: 10676
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported

**MIKE PRLICH & SONS (Continued)** **U001569480**

Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: MIKE PRLICH & SONS
Address: 9316 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000020516
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported
Telephone: 2132837852
Owner Name: MIKE PRLICH & SONS
Owner Address: 9316 KLINGERMAN AVE
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0003

Tank Num: 001
Container Num: G-001
Year Installed: 1973
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: D-001
Year Installed: 1973
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: D-002
Year Installed: 1973
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

**V212** **MIKE PRLICH AND SONS** **HIST UST** **S118412943**
**WNW** **9316 KLINGERMAN AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.164 mi.**
**868 ft.** **Site 8 of 9 in cluster V**

**Relative:** **Lower**
**Actual:** **235 ft.**

HIST UST:

| | |
|---|---|
| Name: | MIKE PRLICH AND SONS |
| Address: | 9316 KLINGERMAN AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 00027C20 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027C20.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |
| Total Tanks: | Not reported |
| Tank Num: | Not reported |
| Container Num: | Not reported |
| Year Installed: | Not reported |
| Tank Capacity: | Not reported |
| Tank Used for: | Not reported |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

Click here for Geo Tracker PDF:

---

**X213** **COAST MACHINERY MOVERS** **RCRA NonGen / NLR** **1024794330**
**NE** **2431 CHICO AVE** **CAL000147771**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.167 mi.**
**884 ft.** **Site 1 of 18 in cluster X**

**Relative:** **Higher**
**Actual:** **244 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 1998-10-21 00:00:00.0 |
| Facility name: | COAST MACHINERY MOVERS |
| Facility address: | 2431 CHICO AVE<br>SOUTH EL MONTE, CA 91733-0000 |
| EPA ID: | CAL000147771 |
| Contact: | PHYLLIS MCGOLDRICK |
| Contact address: | 2431 CHICO AVE<br>SOUTH EL MONTE, CA 91733-0000 |
| Contact country: | Not reported |
| Contact telephone: | 626-246-1908 |
| Contact email: | PHYLLISM@COASTMACHINERYMOVERS.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | PHYLLIS MCGOLDRICK |
| Owner/operator address: | 2431 CHICO AVE |

**COAST MACHINERY MOVERS (Continued)** **1024794330**

SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-246-1908
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: COAST MACHINERY MOVERS CORP
Owner/operator address: 2431 CHICO AVE
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-579-4510
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**X214** **COAST MACHINERY MOVERS** **SWEEPS UST** **U001569445**
**NE** **2431 CHICO AVE** **HIST UST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **WDS**
**0.167 mi.** **WIP**
**884 ft.** **Site 2 of 18 in cluster X** **HWTS**

**Relative:**
**Higher**

**Actual:**
**244 ft.**

SWEEPS UST:
Name: COAST MACHINERY MOVERS
Address: 2431 CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9174
Number: 9
Board Of Equalization: 44-008337
Referral Date: 06-30-89

**COAST MACHINERY MOVERS (Continued)** **U001569445**

| | |
|---|---|
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-009174-000001 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | 2 |

| | |
|---|---|
| Name: | COAST MACHINERY MOVERS |
| Address: | 2431 CHICO AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 9174 |
| Number: | 9 |
| Board Of Equalization: | 44-008337 |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-009174-000002 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

HIST UST:

| | |
|---|---|
| Name: | COAST MACHINERY MOVERS |
| Address: | 2431 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000005428 |
| Facility Type: | Other |
| Other Type: | TRANSPORTATION |
| Contact Name: | ANDY PADILLA |
| Telephone: | 8185794510 |
| Owner Name: | COAST MACHINERY MOVERS (CORPOR |
| Owner Address: | 2431 CHICO AVENUE |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0002 |

| | |
|---|---|
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1971 |
| Tank Capacity: | 00007500 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | 1/4 |
| Leak Detection: | Stock Inventor |

**COAST MACHINERY MOVERS (Continued)** **U001569445**

| | |
|---|---|
| Tank Num: | 002 |
| Container Num: | 2 |
| Year Installed: | 1981 |
| Tank Capacity: | 00012000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | 1/4 |
| Leak Detection: | Stock Inventor |

WDS:

| | |
|---|---|
| Name: | COAST MACHINERY MOVERS INC. |
| Address: | 2431 Chico Ave |
| City: | SOUTH EL MONTE |
| Facility ID: | 4 19I000591 |
| Facility Type: | Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III) |
| Facility Status: | Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements. |
| NPDES Number: | CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board |
| Subregion: | 4 |
| Facility Telephone: | 6265794510 |
| Facility Contact: | David Rowley |
| Agency Name: | ARBE ENTERPRISES INC. |
| Agency Address: | Not reported |
| Agency City,St,Zip: | 0 |
| Agency Contact: | Not reported |
| Agency Telephone: | Not reported |
| Agency Type: | Private |
| SIC Code: | 4212 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category. |
| Primary Waste: | STORMS |
| Waste Type2: | Not reported |
| Waste2: | Stormwater Runoff |
| Primary Waste Type: | Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category. |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | No reclamation requirements associated with this facility. |
| POTW: | The facility is not a POTW. |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and |

**COAST MACHINERY MOVERS (Continued)** **U001569445**

disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:
Name: COAST MACHINERY MOVERS
Address: 2431 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2170
**File Status: Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

HWTS:
Name: COAST MACHINERY MOVERS
Address: 2431 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAC001419784
Inactive Date: 12/14/1998
Create Date: 09/14/1998
Last Act Date: 10/21/1998
Mailing Name: Not reported
Mailing Address: 2431 CHICO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330000
Owner Name: COAST MACHINERY MOVERS
Owner Address: 2431 CHICO AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact Name: KIRT A HOOK
Contact Address: 2431 CHICO AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000

---

**X215** **COAST MACHINERY MOVERS** **CERS HAZ WASTE** **S112884711**
**NE** **2431 CHICO AVE** **HAZNET** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CERS**
**0.167 mi.** **HWTS**
**884 ft.** **Site 3 of 18 in cluster X**

**Relative: Higher**
**Actual: 244 ft.**

CERS HAZ WASTE:
Name: COAST MACHINERY MOVERS
Address: 2431 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 390271
CERS ID: 10284076
CERS Description: Hazardous Waste Generator

HAZNET:
Name: COAST MACHINERY MOVERS
Address: 2431 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
Contact: KIRT A HOOK

**COAST MACHINERY MOVERS (Continued)** **S112884711**

| | |
|---|---|
| Telephone: | 6265794510 |
| Mailing Name: | Not reported |
| Mailing Address: | 2431 CHICO AVE |
| Year: | 1998 |
| Gepaid: | CAC001355264 |
| TSD EPA ID: | CAD099452708 |
| CA Waste Code: | 222 - Oil/water separation sludge |
| Disposal Method: | R01 - Recycler |
| Tons: | 8.3191 |

Additional Info:

| | |
|---|---|
| Year: | 1998 |
| Gen EPA ID: | CAC001355264 |
| Shipment Date: | 19980130 |
| Creation Date: | 3/31/1998 0:00:00 |
| Receipt Date: | 19980130 |
| Manifest ID: | 97258415 |
| Trans EPA ID: | CAD982488470 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.3344 |
| Waste Quantity: | 320 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19980109 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19980109 |
| Manifest ID: | 96729586 |
| Trans EPA ID: | CAD982488470 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 6.9847 |
| Waste Quantity: | 1675 |

**COAST MACHINERY MOVERS (Continued)** **S112884711**

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

CERS:
Name: COAST MACHINERY MOVERS
Address: 2431 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 390271
CERS ID: 10284076
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/12/2016. OBSERVATION: Clarifier sludge-3x55-gal drums, used absorbent G 1x55-gal drum; transmission oil G 2 x 55-gal drums; diesel - 2 x 55-gal were stored in a white storage trailer. The containers were not properly labeled as HW or HM. The sludge was placed in the drums in 2014. All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 01-12-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 08/25/2016.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

**COAST MACHINERY MOVERS (Continued)** **S112884711**

| | |
|---|---|
| Violation Description: | Failure to obtain and/or maintain an Active EPA ID. |
| Violation Notes: | Returned to compliance on 01/12/2016. OBSERVATION: Per your submittal in CERS, this facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA by [date, 30 days from now]. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 01-12-2016 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/25/2016. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 01-12-2016 |
| Citation: | 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 08/25/2016. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii) |
| Violation Description: | Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response. |
| Violation Notes: | Returned to compliance on 01/12/2016. OBSERVATION: At the time of inspection, it could not be demonstrated (not necessarily documented) that employees who handle hazardous waste were properly trained. HW drums inside a HW trailer did not have proper labels and were stored greater than 180 days; no employee training records were available. The generator must ensure that all employees who handle hazardous waste are thoroughly familiar with proper waste handling and emergency procedures. CORRECTIVE ACTION: Immediately provide training to all employees who handle hazardous waste and submit a copy of the training records to the CUPA 30 days from now. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

**COAST MACHINERY MOVERS (Continued)** **S112884711**

| | |
|---|---|
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years. |
| Violation Notes: | Returned to compliance on 01/12/2016. OBSERVATION: Copies of hazardous waste disposal records for 2013-2015 were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA 30 days from now. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130 |
| Violation Description: | Failure to properly handle, manage, label, and recycle used oil and fuel filters. |
| Violation Notes: | Returned to compliance on 01/12/2016. OBSERVATION: Generator failed to properly handle, manage, label, and/or recycle used oil and fuel filters. Not all used oil filter drums were labeled "drained used oil filters". CORRECTIVE ACTION: Owner/Operator shall immediatly comply with the Title 22 regulations with regards to the proper handling, management, labeling and recycling of used oil and fuel filters. Verify compliance with the CUPA within 30 days. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/25/2016. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |

**COAST MACHINERY MOVERS (Continued)** **S112884711**

| | |
|---|---|
| Violation Date: | 01-12-2016 |
| Citation: | 22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B) |
| Violation Description: | Failure to retain disposal records of spent lead batteries for three years. |
| Violation Notes: | Returned to compliance on 08/24/2016. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 01-07-2019 |
| Citation: | HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2 |
| Violation Description: | Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. |
| Violation Notes: | Returned to compliance on 03/15/2019. OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. Submitted for CERS ID 10284076 on 4/12/2018 12:39PM by Phyllis McGoldrick of COAST MACHINERY MOVERS (SOUTH EL MONTE, CA) Submittal was Not Accepted on 8/31/2018 by James, Jr, Ealey for Los Angeles County Fire Department Comments by regulator: Your Facility Information-Business Activities was not accepted as a Hazardous Materials handler you are required to submit in CERS a Emergency Response and Training Plans AND INVENTORY AND SITE MAP. CORRECTIVE ACTION: Review, electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date on on CERS at CERS.CA.GOV |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. |
| Violation Notes: | Returned to compliance on 01/12/2016. CORRECTIVE ACTION: Complete the emergency response plan and procedures to include all required content and submit electronically in the California Environmental Reporting System (CERS). OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 01-12-2016 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, |

**COAST MACHINERY MOVERS (Continued)** **S112884711**

| | |
|---|---|
| | Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/25/2016. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 08/25/2016. OBSERVATION: The Business Activities page has not been submitted to this department. CORRECTIVE ACTION: Complete the Business Activities page and submit electronically in the California Environmental Reporting System (CERS). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | 22 CCR 16 66266.81(a)(4)(B) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(4)(B) |
| Violation Description: | Failure to retain disposal records of spent lead batteries for three years. |
| Violation Notes: | Returned to compliance on 08/24/2016. OBSERVATION: Bills of lading or manifests for the management of lead acid batteries for the last three years were not found on site. A copy of each bill of lading must be kept on site for at least three years. CORRECTIVE ACTION: Immediately locate a copy of all bills of lading or manifests for lead acid batteries for the last three years, maintain them on site, and submit copies to the CUPA 30 days from now. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a site map with all required content. |
| Violation Notes: | Returned to compliance on 08/25/2016. OBSERVATION: The annotated site map has not been completed and submitted to the CUPA. CORRECTIVE ACTION: Complete an annotated site map and submit electronically in the California Environmental Reporting System (CERS). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

**COAST MACHINERY MOVERS (Continued)** **S112884711**

| | |
|---|---|
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/25/2016. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description page to the CUPA for the following: Waste antifreeze-1x55-gal drum New antifreeze G 1 x 55-gal drum Drained used oil filters G 2 x 55-gal drums Oily absorbent G 1 x 55-gal drum New solvent G 1x 55-gal drum Used oil G 1 x ~175-gal AST New oil G 1x55-gal drum + 1x55-gal cube + 1 x 250-gal AST + 1 x ~ 75-gal AST Acetylene G 9 x 420 cubic feet dewars Propane G 40x8-10-gal cylinders + 1x500-gal AST Oxygen-12x281-cf cylinders Argon-2x280-cf cylinder Compressed gas-1x260-cf cylinder Clarifier sludge-3x55-gal drums Used absorbent G 1x55-gal drum Transmission oil G 2 x 55-gal drums Diesel - 2 x 55-gal drums CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 01-03-2019 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | Returned to compliance on 02/03/2019. OBSERVATION: Used oil disposal records and hazardous waste manifests for were not available at the time of inspection. CORRECTIVE ACTION: Provide copies to the CUPA for review. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 390271 |
| Site Name: | COAST MACHINERY MOVERS |
| Violation Date: | 10-02-2015 |
| Citation: | HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c) |
| Violation Description: | Failure to retain paperwork documenting disposal of used oil for three years. |
| Violation Notes: | Returned to compliance on 01/12/2016. OBSERVATION: The Owner/Operator failed to retain paperwork documenting disposal of used oil for 3 years. CORRECTIVE ACTION: The Owner/Operator shall maintain copies documenting disposal of used oil for a minimum of 3 years. |
| Violation Division: | Los Angeles County Fire Department |

**COAST MACHINERY MOVERS (Continued)** **S112884711**

Violation Program: HW
Violation Source: CERS

Site ID: 390271
Site Name: COAST MACHINERY MOVERS
Violation Date: 10-02-2015
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 01/12/2016. wastes in white storage trailer
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 08-23-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Bill Shehan, Dispatcher
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Bill Shehan, Dispatcher Assisted by Joe Cochran
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Chris Feduska
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-12-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency

**COAST MACHINERY MOVERS (Continued)** **S112884711**

| | |
|---|---|
| Eval Notes: | Labels placed on containers; waste manifests submitted for review; wastes accumulated over 180 days removed under manifest; EPA ID active; contingency plan submitted; disposal records for spent lead-acid batteries and waste sludge pending. Followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 07-19-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 08-25-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-04-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Chris |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 01-12-2016 |
| Violations Found: | Yes |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Reviewed CERS. HMPB partially submitted. Inventory, Business Activities, and Site Map not accurate. Followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Phyllis McGoldrick |
| Entity Title: | CFO |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | CUPA District |

**COAST MACHINERY MOVERS (Continued)** **S112884711**

| | |
|---|---|
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | L. Beard |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 579-4510 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | COAST MACHINERY MOVERS |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Phyllis McGoldrick |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2431 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Arbe Properties LLC. |
| Entity Title: | Not reported |
| Affiliation Address: | 2431 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |

**COAST MACHINERY MOVERS (Continued)** **S112884711**

| | |
|---|---|
| Affiliation Phone: | (626) 579-4510 |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Wade Cogbill |
| Entity Title: | Not reported |
| Affiliation Address: | 2431 CHICO AVENUE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Coast Companies Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | 2431 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 579-4510 |

HWTS:

| | |
|---|---|
| Name: | COAST MACHINERY MOVERS |
| Address: | 2431 CHICO AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| EPA ID: | CAC001355264 |
| Inactive Date: | 01/01/1900 |
| Create Date: | 01/09/1998 |
| Last Act Date: | 10/21/1998 |
| Mailing Name: | Not reported |
| Mailing Address: | 2431 CHICO AVE |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Owner Name: | COAST MACHINERY MOVERS |
| Owner Address: | 2431 CHICO AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact Name: | KIRT A HOOK |
| Contact Address: | 2431 CHICO AVE |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |

---

**W216** **HOOTER BROS ENAMELING INC** **EMI S106484532**
**NNW** **2460 N. ROSEMEAD BLVD.** **WIP N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.168 mi.**
**887 ft.** **Site 4 of 11 in cluster W**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

EMI:

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N. ROSEMEAD BLVD. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1987 |
| County Code: | 19 |

**HOOTER BROS ENAMELING INC (Continued)** **S106484532**

| | |
|---|---|
| Air Basin: | SC |
| Facility ID: | 372 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 14 |
| Reactive Organic Gases Tons/Yr: | 10 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

WIP:

| | |
|---|---|
| Name: | HOOTER BROS. ENAMELING CO. |
| Address: | 2460 N Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0175 |
| **File Status:** | **Active** |
| Staff: | CORTEZ |
| Facility Suite: | Not reported |

---

**W217** **HOOTER BROS ENAMELING CO INC** **RCRA-SQG** **1000401436**
**NNW** **2460 N ROSEMEAD BLVD** **CPS-SLIC** **CAD008337289**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **EMI**
**0.168 mi.** **CERS**
**887 ft.** **Site 5 of 11 in cluster W**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | HOOTER BROS ENAMELING CO INC |
| Facility address: | 2460 N ROSEMEAD BLVD<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD008337289 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | RAY B HOOTER ROBERT H HOOTER |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |

**HOOTER BROS ENAMELING CO INC (Continued)** **1000401436**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 1980-08-25 00:00:00.0
Site name: HOOTER BROS ENAMELING CO INC
Classification: Large Quantity Generator

Violation Status: No violations found

CPS-SLIC:
Name: HOOTER BROS. ENAMELING CO.
Address: 2460 N. ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 03/17/1995
Global Id: SL603798716
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.055412
Longitude: -118.06308

**HOOTER BROS ENAMELING CO INC (Continued)** **1000401436**

| | |
|---|---|
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 107.0175 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

EMI:

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N ROSEMAEAD BL |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 53687 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 2 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BL |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1990 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 53687 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 8 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BL |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1993 |
| County Code: | 19 |

**HOOTER BROS ENAMELING CO INC (Continued)** **1000401436**

| | |
|---|---|
| Air Basin: | SC |
| Facility ID: | 53687 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BL |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1995 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 53687 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BL |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1997 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 53687 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BL |

**HOOTER BROS ENAMELING CO INC (Continued)** **1000401436**

| | |
|---|---|
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1998 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 53687 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BL |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1999 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 53687 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BL |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2000 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 53687 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**HOOTER BROS ENAMELING CO INC (Continued)** **1000401436**

| | |
|---|---|
| Name: | HOOTER BROS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BL |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2001 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 53687 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | HOOTER BROTHERS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2002 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 125315 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | HOOTER BROTHERS ENAMELING INC |
| Address: | 2460 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2003 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 125315 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |

**HOOTER BROS ENAMELING CO INC (Continued)** **1000401436**

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

Name: HOOTER BROTHERS ENAMELING INC
Address: 2460 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 125315
Air District Name: SC
SIC Code: 3479
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.39101
Reactive Organic Gases Tons/Yr: 1.37
Carbon Monoxide Emissions Tons/Yr: 0.00665
NOX - Oxides of Nitrogen Tons/Yr: 0.0247
SOX - Oxides of Sulphur Tons/Yr: 0.000158
Particulate Matter Tons/Yr: 0.074684
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.05

CERS:
Name: HOOTER BROS. ENAMELING CO.
Address: 2460 N. ROSEMEAD BLVD.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 256074
CERS ID: SL603798716
CERS Description: Cleanup Program Site

Name: HOOTER BROS ENAMELING COMPANY INCORPORATED
Address: 2460 NORTH ROSEMEAD BOULEVARD
City,State,Zip: SOUTH EL MONTE, CA 91733-1522
Site ID: 472842
CERS ID: 110002632704
CERS Description: US EPA Air Emission Inventory System (EIS)

---

**Q218** **RAYPACK, INC.** **CPS-SLIC** **S118504566**
**NE** **2410 & 2416 CHICO AVE.** **CERS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.169 mi.**
**890 ft.** **Site 12 of 12 in cluster Q**

**Relative:**
**Higher**

**Actual:**
**244 ft.**

CPS-SLIC:
Name: RAYPACK, INC.
Address: 2410 & 2416 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 12/28/2015
Global Id: SL603798771
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0558950270876
Longitude: -118.05972610318
Case Type: Cleanup Program Site

**RAYPACK, INC. (Continued)** **S118504566**

Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0807
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS:
Name: RAYPACK, INC.
Address: 2410 & 2416 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 204072
CERS ID: SL603798771
CERS Description: Cleanup Program Site

---

**Y219** **VACANT BUILDING** **WIP** **S106765941**
**WNW** **2306 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.170 mi.**
**899 ft.** **Site 1 of 4 in cluster Y**

**Relative:** **Lower**
**Actual:** **234 ft.**

WIP:
Name: VACANT BUILDING
Address: 2306 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1471
**File Status:** **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**220** **CHAMP CORP** **SWEEPS UST** **S104913077**
**NW** **2440 TROY AVE** **LOS ANGELES CO. HMS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.171 mi.**
**902 ft.**

**Relative:** **Higher**
**Actual:** **237 ft.**

SWEEPS UST:
Name: CHAMP CORPORATION
Address: 2440 N TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9432
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009432-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89

**CHAMP CORP (Continued)** **S104913077**

Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Name: CHAMP CORPORATION
Address: 2440 N TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9432
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009432-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: CHAMP CORPORATION
Address: 2440 N TROY AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 9432
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009432-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Name: CHAMP CORP
Address: 2440 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009605-009432
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000515T
Permit Status: Removed

**CHAMP CORP (Continued)** **S104913077**

Name: CHAMP CORP
Address: 2440 TROY AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009605-009432
Facility Type: 1
Facility Status: Removed
Area: 3U
Permit Number: 00000T515
Permit Status: Removed

---

**W221** **EUROPEAN AUTO TECH** **RCRA NonGen / NLR** **1024792736**
**NNW** **2456 1/4 ROSEMEAD BLVD** **CAL000125711**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.172 mi.**
**907 ft.** **Site 6 of 11 in cluster W**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

RCRA NonGen / NLR:
Date form received by agency: 1996-07-08 00:00:00.0
Facility name: EUROPEAN AUTO TECH
Facility address: 2456 1/4 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733-0000
EPA ID: CAL000125711
Contact: TOAN NGUYEN/MGR
Contact address: 2456 1/4 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733-1522
Contact country: Not reported
Contact telephone: 626-579-2185
Contact email: EUROAUTOTECH16@GMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: VINH NGUYEN/OWNER
Owner/operator address: 10178 EAST RUSH ST
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 818-579-2185
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TOAN NGUYEN/MGR
Owner/operator address: 2456 1/4 ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-579-2185
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other

**EUROPEAN AUTO TECH (Continued)** **1024792736**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**W222** **EL MONTE STEEL TREATING** **RCRA-SQG** **1000301744**
**NNW** **2456 N ROSEMEAD BLVD** **CERS HAZ WASTE** **CAD062079678**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **FINDS**
**0.172 mi.** **ECHO**
**907 ft.** **Site 7 of 11 in cluster W** **LOS ANGELES CO. HMS**
**CERS**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

RCRA-SQG:
Date form received by agency: 1996-09-01 00:00:00.0
Facility name: EL MONTE STEEL TREATING
Facility address: 2456 N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
EPA ID: CAD062079678
Mailing address: N ROSEMEAD BLVD
SOUTH EL MONTE, CA 91733
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: EL MONTE STEEL TREATING
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212

**EL MONTE STEEL TREATING (Continued)** **1000301744**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

CERS HAZ WASTE:
Name: EUROPEAN AUTOMOTIVE TECHNOLOGY
Address: 2456 1/4 N ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 28833
CERS ID: 10283092
CERS Description: Hazardous Waste Generator

FINDS:
Registry ID: 110002653101
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002653101

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

**EL MONTE STEEL TREATING (Continued)** **1000301744**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

| | |
|---|---|
| Envid: | 1000301744 |
| Registry ID: | 110002653101 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002653101 |
| Name: | EL MONTE STEEL TREATING |
| Address: | 2456 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | EL MONTE STEEL TREATING CO |
| Address: | 2456 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | Not reported |
| Facility Id: | 004602-004780 |
| Facility Type: | Not reported |
| Facility Status: | OPEN |
| Area: | 3U |
| Permit Number: | Not reported |
| Permit Status: | Not reported |

CERS:

| | |
|---|---|
| Name: | EUROPEAN AUTOMOTIVE TECHNOLOGY |
| Address: | 2456 1/4 N ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 28833 |
| CERS ID: | 10283092 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 28833 |
| Site Name: | EUROPEAN AUTOMOTIVE TECHNOLOGY |
| Violation Date: | 10-16-2017 |
| Citation: | 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173 |
| Violation Description: | Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. |
| Violation Notes: | Returned to compliance on 01/03/2018. OBSERVATION: 4 x 30 gallon transfer containers of used oil located in the work areas was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

Site ID: 28833

**EL MONTE STEEL TREATING (Continued)** **1000301744**

| | |
|---|---|
| Site Name: | EUROPEAN AUTOMOTIVE TECHNOLOGY |
| Violation Date: | 10-16-2017 |
| Citation: | 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d) |
| Violation Description: | Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days. |
| Violation Notes: | Returned to compliance on 01/03/2018. OBSERVATION: 3 x 55 gallon steel drums of used transmission fluid located at the rear hazardous waste storage area was observed without an accumulation start date. Observed 1 x 55 gallon steel drum of used oil filter mssing a hazardous waste label and a manifest/receipt demonstrating disposal within the past 180 days was not available. CORRECTIVE ACTION: Dispose of used oil filters and submit a copy of the manifest/receipt to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 28833 |
| Site Name: | EUROPEAN AUTOMOTIVE TECHNOLOGY |
| Violation Date: | 10-16-2017 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 01/03/2018. OBSERVATION: 4 x 30 gallon transfer containers of used oil located in the work areas ,1 x 55 gallon steel drum of used oil filters at hazardous waste storage area, and 3 x 55 gallon steel drums of used antifreeze at hazardous waste storage area was observed without a hazardous waste label. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 28833 |
| Site Name: | EUROPEAN AUTOMOTIVE TECHNOLOGY |
| Violation Date: | 10-16-2017 |
| Citation: | 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12 |
| Violation Description: | Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste. |
| Violation Notes: | Returned to compliance on 01/03/2018. OBSERVATION: The generator’s EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. An applicatin to reactivate |

**EL MONTE STEEL TREATING (Continued)** **1000301744**

CAL000125711 was given to Mr. Nguyen at the time of inspection. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have reactivated the facility's EPA ID number.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 28833
Site Name: EUROPEAN AUTOMOTIVE TECHNOLOGY
Violation Date: 10-02-2014
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 03/31/2015. OBSERVATION: The annotated site map submitted to the CUPA does not include scale of map and all required information. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-03-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Toan Nguyen
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Toan Nguyen
Eval Division: Los Angeles County Fire Department

**EL MONTE STEEL TREATING (Continued)** **1000301744**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Toan Nguyen, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Toan Nguyen, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 28833
Site Name: EUROPEAN AUTOMOTIVE TECHNOLOGY
Site Address: 2456 1/4 N ROSEMEAD BLVD
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 10-02-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2456-1/4 N ROSEMEAD BLVD
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: PACIFIC INDUSTRIAL REALTY INC
Entity Title: Not reported
Affiliation Address: 10178 EAST RUSH STREET
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733
Affiliation Phone: (626) 579-2185

**EL MONTE STEEL TREATING (Continued)** **1000301744**

| | |
|---|---|
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Toan Nguyen |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | TOAN NGUYEN |
| Entity Title: | MANAGER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | VINH NGUYEN |
| Entity Title: | Not reported |
| Affiliation Address: | 2456-1/4 N ROSEMEAD BLVD |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 579-2185 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | EUROPEAN AUTOMOTIVE TECHNOLOGY |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | VINH NGUYEN |
| Entity Title: | Not reported |
| Affiliation Address: | 2456 1/4 N ROSEMEAD BL |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |

**EL MONTE STEEL TREATING (Continued)** **1000301744**

| | |
|---|---|
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Operator |
| Entity Name: | Toan Nguyen |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 579-2185 |

---

**W223** **HOS ENTERPRISES** **LOS ANGELES CO. HMS** **U003060760**
**NNW** **2456 ROSEMEAD BLVD** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.172 mi.**
**907 ft.** **Site 8 of 11 in cluster W**

**Relative:** **Higher**

**Actual:** **240 ft.**

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | HOS ENTERPRISES |
| Address: | 2456 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 004602-I04780 |
| Facility Type: | 01 |
| Facility Status: | Closed |
| Area: | 3U |
| Permit Number: | 000004150 |
| Permit Status: | Closed |

WIP:

| | |
|---|---|
| Name: | BUCHANAN CO INC. |
| Address: | 2456 N Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2168 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**W224** **EUROPEAN AUTOMOTIVE TECHNOLOGY** **EDR Hist Auto** **1022197952**
**NNW** **2456 1/4 ROSEMEAD BLVD** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.172 mi.**
**907 ft.** **Site 9 of 11 in cluster W**

**Relative:** **Higher**

**Actual:** **240 ft.**

EDR Hist Auto

| Year: | Name: | Type: |
|---|---|---|
| 1998 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |
| 1999 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |
| 2000 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |
| 2001 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |

**EUROPEAN AUTOMOTIVE TECHNOLOGY (Continued)** **1022197952**

| | | |
|---|---|---|
| 2002 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |
| 2003 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |
| 2004 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |
| 2005 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |
| 2006 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |
| 2007 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |
| 2008 | EUROPEAN AUTOMOTIVE TECHNOLOGY | Automotive Transmission Repair Shops |

---

**Z225** **SMITTY BUILT INC.** **WIP** **S106765973**
**West** **2112 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.173 mi.**
**911 ft.** **Site 1 of 8 in cluster Z**

**Relative:** **Lower**
**Actual:** **232 ft.**

WIP:

| | |
|---|---|
| Name: | SMITTY BUILT INC. |
| Address: | 2112 Lee Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1519 |
| **File Status:** | **Historical** |
| Staff: | CORTEZ |
| Facility Suite: | Not reported |

---

**Z226** **SMITTYBILT INC** **RCRA-SQG** **1000422151**
**West** **2112 LEE AVE** **FINDS** **CAD982522658**
**1/8-1/4** **EL MONTE, CA 91733** **ECHO**
**0.173 mi.**
**911 ft.** **Site 2 of 8 in cluster Z**

**Relative:** **Lower**
**Actual:** **232 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | SMITTYBILT INC |
| Facility address: | 2112 LEE AVE<br>EL MONTE, CA 91733 |
| EPA ID: | CAD982522658 |
| Mailing address: | LEE AVE<br>EL MONTE, CA 91733 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |

**SMITTYBILT INC (Continued)** **1000422151**

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TOM SMITH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

FINDS:
Registry ID: 110002841391
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002841391

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

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

**SMITTYBILT INC (Continued)** **1000422151**

ECHO:
Envid: 1000422151
Registry ID: 110002841391
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002841391
Name: SMITTYBILT INC
Address: 2112 LEE AVE
City,State,Zip: EL MONTE, CA 91733

---

**U227** **JOHN C SALEEN** **SWEEPS UST** **S106927866**
**SSE** **1907 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA**
**0.173 mi.**
**913 ft.** **Site 3 of 5 in cluster U**

**Relative:**
**Lower**

**Actual:**
**233 ft.**

SWEEPS UST:
Name: JOHN C SALEEN
Address: 1907 CHICO AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 13620
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

---

**Y228** **UNITED STEEL METALS** **WIP** **S106766055**
**WNW** **2222 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.173 mi.**
**915 ft.** **Site 2 of 4 in cluster Y**

**Relative:**
**Lower**

**Actual:**
**234 ft.**

WIP:
Name: UNITED STEEL METALS
Address: 2222 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1637
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

**R229**
**WSW**
**1/8-1/4**
**0.175 mi.**
**922 ft.**

**PRECISION COLOR GRAPHICS**
**9323 RUSH ST**
**SOUTH EL MONTE, CA 91733**

**Site 7 of 7 in cluster R**

**SWEEPS UST** **U002278552**
**LOS ANGELES CO. HMS** **N/A**

**Relative:**
**Lower**

**Actual:**
**230 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | PRECISION COLOR GRAPHICS |
| Address: | 9323 E RUSH ST |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 2216 |
| Number: | 9 |
| Board Of Equalization: | Not reported |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | Not reported |
| Tank Status: | Not reported |
| Capacity: | Not reported |
| Active Date: | Not reported |
| Tank Use: | Not reported |
| STG: | Not reported |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | PRECISION COLOR GRAPHICS |
| Address: | 9323 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | Not reported |
| Facility Id: | 002139-002216 |
| Facility Type: | Not reported |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | Not reported |
| Permit Status: | Not reported |

| | |
|---|---|
| Name: | PRECISION COLOR GRAPHICS |
| Address: | 9323 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 002139-I02216 |
| Facility Type: | 01 |
| Facility Status: | Closed |
| Area: | 3U |
| Permit Number: | 000009843 |
| Permit Status: | Closed |

**X230** **LIBERTY CLIMATE CONTROL INC** **WIP** **S106766189**
**NNE** **2447 CHICO AVE** **CERS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.175 mi.**
**923 ft.** **Site 4 of 18 in cluster X**

**Relative:**
**Higher**

**Actual:**
**244 ft.**

WIP:

| | |
|---|---|
| Name: | LIBERTY CLIMATE CONTROL |
| Address: | 2447 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2178 |
| **File Status:** | **Historical** |
| Staff: | CCC |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | LIBERTY CLIMATE CONTROL INC |
| Address: | 2447 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 355300 |
| CERS ID: | 10292515 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 355300 |
| Site Name: | LIBERTY CLIMATE CONTROL INC |
| Violation Date: | 07-23-2015 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a site map with all required content. |
| Violation Notes: | Returned to compliance on 11/29/2017. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 355300 |
| Site Name: | LIBERTY CLIMATE CONTROL INC |
| Violation Date: | 07-23-2015 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 11/29/2017. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 355300 |
| Site Name: | LIBERTY CLIMATE CONTROL INC |
| Violation Date: | 07-23-2015 |
| Citation: | 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page. |
| Violation Notes: | Returned to compliance on 03/17/2017. |
| Violation Division: | Los Angeles County Fire Department |

**LIBERTY CLIMATE CONTROL INC (Continued)** **S106766189**

Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 07-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: need map and inventory
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-29-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-07-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-11-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: missing inventory and map
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

**LIBERTY CLIMATE CONTROL INC (Continued)** **S106766189**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-23-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LOUIS MONROY,PRESIDENT
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-08-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Chris Gunther, Project Manager. Ceaser Salazar, Shelk Foreman. No significant violations observed at the time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Identification Signer
Entity Name: LOUIS O MONROY JR III
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: LOUIS MONROY III
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

**LIBERTY CLIMATE CONTROL INC (Continued)** **S106766189**

| | |
|---|---|
| Affiliation Phone: | (818) 612-2131 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | LOUIS O MONROY JR III |
| Entity Title: | Not reported |
| Affiliation Address: | 2447 N CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | MARIA MARTELL |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2447 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | LOUIS MONROY III |
| Entity Title: | Not reported |
| Affiliation Address: | 2447 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 575-3131 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | LIBERTY CLIMATE CONTROL INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**Z231** **SOUTHLAND DISPOSAL** **WIP** **S103641407**
**West** **2104 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.176 mi.**
**928 ft.** **Site 3 of 8 in cluster Z**

**Relative:** **Lower**

**Actual:** **231 ft.**

WIP:

| | |
|---|---|
| Name: | SOUTHLAND DISPOSAL |
| Address: | 2104 Lee Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1354 |
| **File Status:** | **Historical** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

---

**Z232** **SIR CHARLES ORIENTAL FOODS** **SWEEPS UST** **S102058583**
**West** **2214 LEE AVE #A** **LOS ANGELES CO. HMS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.178 mi.**
**942 ft.** **Site 4 of 8 in cluster Z**

**Relative:** **Lower**

**Actual:** **233 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | CHENS BAKERY |
| Address: | 2214 N LEE AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 7882 |
| Number: | 9 |
| Board Of Equalization: | Not reported |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | Not reported |
| Tank Status: | Not reported |
| Capacity: | Not reported |
| Active Date: | Not reported |
| Tank Use: | Not reported |
| STG: | Not reported |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | SIR CHARLES ORIENTAL FOODS |
| Address: | 2214 LEE AVE #A |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 016444-021741 |
| Facility Type: | 01 |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | 000096547 |
| Permit Status: | Removed |

**U233** **AIRCRAFT STAMPING CO INC** **SWEEPS UST** **S105035316**
**SE** **1924 NO CHICO AVE** **HIST UST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.180 mi.**
**949 ft.** **Site 4 of 5 in cluster U**

**Relative:**
**Lower**

**Actual:**
**234 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | AIRCRAFT STAMPING CO INC |
| Address: | 1924 N CHICO AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 10907 |
| Number: | 9 |
| Board Of Equalization: | Not reported |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | Not reported |
| Tank Status: | Not reported |
| Capacity: | Not reported |
| Active Date: | Not reported |
| Tank Use: | Not reported |
| STG: | Not reported |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

HIST UST:

| | |
|---|---|
| Name: | AIRCRAFT STAMPING CO INC |
| Address: | 1924 NO CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 000261FF |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000261FF.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |
| Total Tanks: | Not reported |
| | |
| Tank Num: | Not reported |
| Container Num: | Not reported |
| Year Installed: | Not reported |
| Tank Capacity: | Not reported |
| Tank Used for: | Not reported |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | AIRCRAFT STAMPING CO INC |
| Address: | 1924 CHICO AVE |

**AIRCRAFT STAMPING CO INC (Continued)** **S105035316**

City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 010928-010907
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00002371T
Permit Status: Removed

Name: AIRCRAFT STAMPING CO INC
Address: 1924 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 010928-010907
Facility Type: 1
Facility Status: Removed
Area: 3U
Permit Number: 0000T2371
Permit Status: Removed

---

**U234** **AIRCRAFT STAMPING CO., INC.** **CPS-SLIC** **U001569431**
**SE** **1924 CHICO AVE** **HIST UST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **ENF**
**0.180 mi.** **WIP**
**949 ft.** **Site 5 of 5 in cluster U** **CERS**

**Relative:** **Lower**
**Actual:** **234 ft.**

CPS-SLIC:
Name: AIRCRAFT STAMPING CO.
Address: 1924 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 07/22/2013
Global Id: SL603798757
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0504570225491
Longitude: -118.059606441803
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0585
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:
Name: AIRCRAFT STAMPING CO., INC.
Address: 1924 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported

**AIRCRAFT STAMPING CO., INC. (Continued)** **U001569431**

| | |
|---|---|
| Region: | STATE |
| Facility ID: | 00000047210 |
| Facility Type: | Other |
| Other Type: | SHEET METAL |
| Contact Name: | MICHAEL D. NOLAN |
| Telephone: | 2132831239 |
| Owner Name: | AIRCRAFT STAMPING CO., INC. |
| Owner Address: | 1924 NO. CHICO AVE. |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0001 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00001000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

ENF:

| | |
|---|---|
| Name: | AIRCRAFT STAMPING CO. |
| Address: | 1924 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 204757 |
| Agency Name: | Aircraft Stamping Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.050512 |
| Place Longitude: | -118.060021 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |

**AIRCRAFT STAMPING CO., INC. (Continued)** **U001569431**

| | |
|---|---|
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070585 |
| Reg Measure Id: | 152363 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 243750 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 04/17/2003 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/17/2003 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070585 |
| Description: | NOV sent 4/17/03 for overdue emergent chemical survey report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

WIP:
Name: AIRCRAFT STAMPING CO.

**AIRCRAFT STAMPING CO., INC. (Continued)** **U001569431**

Address: 1924 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0585
**File Status: Backlog**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: AIRCRAFT STAMPING CO.
Address: 1924 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 200541
CERS ID: SL603798757
CERS Description: Cleanup Program Site

---

**X235** **REMINGTON ROLL FORMING** **RCRA NonGen / NLR** **1024793254**
**NNE** **2445 1/2 CHICO AVE** **CAL000131151**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.180 mi.**
**953 ft.** **Site 5 of 18 in cluster X**

**Relative:** **Higher**
**Actual:** **244 ft.**

RCRA NonGen / NLR:
Date form received by agency: 1995-08-23 00:00:00.0
Facility name: REMINGTON ROLL FORMING
Facility address: 2445 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733-1612
EPA ID: CAL000131151
Contact: THOMAS HENRY/OWNER
Contact address: 2445 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733
Contact country: Not reported
Contact telephone: 626-350-5196
Contact email: STEELEMAN1@MSN.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: THOMAS L. HENRY
Owner/operator address: 2445 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-350-5196
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: THOMAS HENRY/OWNER
Owner/operator address: 2445 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-350-5196

**REMINGTON ROLL FORMING (Continued)** **1024793254**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**X236** **REMINGTON ROLL FORMING** **WIP** **S104578818**
**NNE** **2445 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.180 mi.**
**953 ft.** **Site 6 of 18 in cluster X**

**Relative: Higher**
**Actual: 244 ft.**

WIP:
Name: REMINGTON ROLL FORMING
Address: 2445 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2179
**File Status: Historical**
Staff: CCC
Facility Suite: 1/2

---

**X237** **REMINGTON ROLL FORMING INC** **CERS HAZ WASTE** **S110070523**
**NNE** **2445 1/2 CHICO AVE** **HAZNET** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.180 mi.** **CERS**
**953 ft.** **Site 7 of 18 in cluster X** **HWTS**

**Relative: Higher**
**Actual: 244 ft.**

CERS HAZ WASTE:
Name: REMINGTON ROLL FORMING INC
Address: 2445 1/2 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 400628
CERS ID: 10265557
CERS Description: Hazardous Waste Generator

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

HAZNET:

| | |
|---|---|
| Name: | REMINGTON ROLL FORMING |
| Address: | 2445 1/2 CHICO AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917331612 |
| Contact: | THOMAS HENRY/OWNER |
| Telephone: | 6263505196 |
| Mailing Name: | Not reported |
| Mailing Address: | 2445 1/2 CHICO AVE |
| Year: | 2016 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | AZR000501510 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.3 |
| Year: | 2015 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | AZR000501510 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.8 |
| Year: | 2014 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | AZR000501510 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.7 |
| Year: | 2014 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | CAD099452708 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |
| Tons: | 0.57 |
| Year: | 2013 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | AZR000501510 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 1.05 |
| Year: | 2011 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | AZR000501510 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 1.5 |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Year: | 2011 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | CAT080025711 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 1.9 |

| | |
|---|---|
| Year: | 2010 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | CAT080025711 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.513 |

| | |
|---|---|
| Year: | 2009 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | CAT080025711 |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.627 |

| | |
|---|---|
| Year: | 2009 |
| Gepaid: | CAL000131151 |
| TSD EPA ID: | AZR000501510 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.45 |

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

Additional Info:

| | |
|---|---|
| Year: | 2008 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20081118 |
| Creation Date: | 4/8/2009 18:30:30 |
| Receipt Date: | 20081201 |
| Manifest ID: | 003690258JJK |
| Trans EPA ID: | CAL000311939 |
| Trans Name: | STRESS LESS FXPRESS LLC |
| Trans 2 EPA ID: | CAD980585293 |
| Trans 2 Name: | INDUSTRIAL WASTE UTILIZATION |
| TSDF EPA ID: | AZR000501510 |
| Trans Name: | AA SYDCOL LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.75 |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Waste Quantity: | 1500 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2001 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20010124 |
| Creation Date: | 4/19/2001 0:00:00 |
| Receipt Date: | 20010124 |
| Manifest ID: | 98397912 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | D007 |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 2.1 |
| Waste Quantity: | 4200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2009 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20090722 |
| Creation Date: | 8/28/2009 18:30:21 |
| Receipt Date: | 20090728 |
| Manifest ID: | 005770130JJK |
| Trans EPA ID: | CAL000311939 |
| Trans Name: | STRESS LESS EXPRESS LLC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080025711 |
| Trans Name: | ADVANCED ENVIRONMENTAL |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Quantity Tons: | 0.627 |
| Waste Quantity: | 165 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20090721 |
| Creation Date: | 11/25/2009 18:30:51 |
| Receipt Date: | 20090722 |
| Manifest ID: | 005770127JJK |
| Trans EPA ID: | CAL000311939 |
| Trans Name: | STRESS LESS EXPRESS LLC |
| Trans 2 EPA ID: | CAD980585293 |
| Trans 2 Name: | INDUSTRIAL WASTE UTILIZATION |
| TSDF EPA ID: | AZR000501510 |
| Trans Name: | AA SYDCOL LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.45 |
| Waste Quantity: | 900 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2003 |
| Gen EPA ID: | CAL000131151 |
| | |
| Shipment Date: | 20030829 |
| Creation Date: | 7/29/2004 15:04:35 |
| Receipt Date: | 20030904 |
| Manifest ID: | 22733648 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.9 |
| Waste Quantity: | 1800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030318 |
| Creation Date: | 7/12/2003 18:31:23 |
| Receipt Date: | 20030403 |
| Manifest ID: | 21862499 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.9 |
| Waste Quantity: | 1800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2005 |
| Gen EPA ID: | CAL000131151 |
| | |
| Shipment Date: | 20050601 |
| Creation Date: | 9/15/2005 18:32:02 |
| Receipt Date: | 20050603 |
| Manifest ID: | 23764981 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | GOLDEN OIL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | FILTER RECYCLING |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.2 |
| Waste Quantity: | 2400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Shipment Date: | 20050523 |
| Creation Date: | 8/17/2005 18:32:59 |
| Receipt Date: | 20050526 |
| Manifest ID: | 23764984 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | GOLDEN OIL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.38 |
| Waste Quantity: | 100 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2013 |
| Gen EPA ID: | CAL000131151 |

| | |
|---|---|
| Shipment Date: | 20130318 |
| Creation Date: | 7/25/2013 9:05:24 |
| Receipt Date: | 20130321 |
| Manifest ID: | 001990784GBF |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | GOLDEN OIL |
| Trans 2 EPA ID: | CAD980585293 |
| Trans 2 Name: | INDUSTRIAL WASTE UTILIZATION |
| TSDF EPA ID: | AZR000501510 |
| Trans Name: | AA SYDCOL LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.05 |
| Waste Quantity: | 2100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2016 |
| Gen EPA ID: | CAL000131151 |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Shipment Date: | 20151015 |
| Creation Date: | 5/4/2016 22:15:28 |
| Receipt Date: | 20151025 |
| Manifest ID: | 013016966JJK |
| Trans EPA ID: | CAL000350237 |
| Trans Name: | STRESS LESS EXPRESS |
| Trans 2 EPA ID: | CAD98585293 |
| Trans 2 Name: | INDUSTRIAL WASTE UTILIZATION INC |
| TSDF EPA ID: | AZR000501510 |
| Trans Name: | AA SYDCOL LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.8 |
| Waste Quantity: | 1600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2000 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20000629 |
| Creation Date: | 8/28/2000 0:00:00 |
| Receipt Date: | 20000629 |
| Manifest ID: | 95937583 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | D007 |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 2.1 |
| Waste Quantity: | 4200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20000223 |
| Creation Date: | 5/3/2000 0:00:00 |
| Receipt Date: | 20000225 |
| Manifest ID: | 95937552 |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | D007 |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 2.1 |
| Waste Quantity: | 4200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2010 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20100907 |
| Creation Date: | 12/30/2010 18:30:17 |
| Receipt Date: | 20100915 |
| Manifest ID: | 007223251JJK |
| Trans EPA ID: | CAL000350237 |
| Trans Name: | STRESS LESS EXPRESS LLC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080025711 |
| Trans Name: | ADVANCED ENVIRONMENTAL |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.513 |
| Waste Quantity: | 135 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2004 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20041007 |
| Creation Date: | 12/16/2004 18:30:52 |
| Receipt Date: | Not reported |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Manifest ID: | 23764888 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | GOLDEN OIL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | FILTER RECYCLING |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.6 |
| Waste Quantity: | 1200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20041004 |
| Creation Date: | 1/14/2005 10:18:48 |
| Receipt Date: | 20041014 |
| Manifest ID: | 23764887 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | GOLDEN OIL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | - Not reported |
| Quantity Tons: | 0.38 |
| Waste Quantity: | 100 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040606 |
| Creation Date: | 11/1/2004 9:00:46 |
| Receipt Date: | 20040610 |
| Manifest ID: | 23764808 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | GOLDEN OIL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | FILTER RECYCLING |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.05 |
| Waste Quantity: | 2100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1999 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 19990922 |
| Creation Date: | 11/18/1999 0:00:00 |
| Receipt Date: | 19990922 |
| Manifest ID: | 95937517 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | D007 |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 2.1 |
| Waste Quantity: | 4200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19990630 |
| Creation Date: | 8/24/1999 0:00:00 |
| Receipt Date: | 19990630 |
| Manifest ID: | 95937526 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 181 - Other inorganic solid waste Organics |
| RCRA Code: | D007 |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 2.1 |
| Waste Quantity: | 4200 |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2007 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20071205 |
| Creation Date: | 5/5/2008 18:30:17 |
| Receipt Date: | 20071206 |
| Manifest ID: | 000221279GBF |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | GOLDEN OIL |
| Trans 2 EPA ID: | CAD980585293 |
| Trans 2 Name: | INDUSTRIAL WASTE UTILIZATION |
| TSDF EPA ID: | AZR000501510 |
| Trans Name: | AA SYDCOL LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.4 |
| Waste Quantity: | 2800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2015 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20151015 |
| Creation Date: | 5/4/2016 22:15:28 |
| Receipt Date: | 20151025 |
| Manifest ID: | 013016966JJK |
| Trans EPA ID: | CAL000350237 |
| Trans Name: | STRESS LESS EXPRESS |
| Trans 2 EPA ID: | CAD98585293 |
| Trans 2 Name: | INDUSTRIAL WASTE UTILIZATION INC |
| TSDF EPA ID: | AZR000501510 |
| Trans Name: | AA SYDCOL LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Quantity Tons: | 0.8 |
| Waste Quantity: | 1600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2006 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20061026 |
| Creation Date: | 3/30/2007 13:32:34 |
| Receipt Date: | 20061026 |
| Manifest ID: | 000221102GBF |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | GOLDEN OIL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | FILTER RECYCLING SERVICES INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.05 |
| Waste Quantity: | 2100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20060718 |
| Creation Date: | 9/28/2006 18:31:30 |
| Receipt Date: | 20060719 |
| Manifest ID: | 24292592 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | GOLDEN OIL |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DE MENNO KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.38 |
| Waste Quantity: | 100 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2011 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20110328 |
| Creation Date: | 5/19/2011 18:30:24 |
| Receipt Date: | 20110329 |
| Manifest ID: | 007223476JJK |
| Trans EPA ID: | CAL000350237 |
| Trans Name: | STRESS LESS EXPRESS LLC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080025711 |
| Trans Name: | ADVANCED ENVIRONMENTAL |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.9 |
| Waste Quantity: | 500 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20110322 |
| Creation Date: | 8/25/2011 18:30:20 |
| Receipt Date: | 20110328 |
| Manifest ID: | 007223475JJK |
| Trans EPA ID: | CAL000350237 |
| Trans Name: | STRESS LESS EXPRESS LLC |
| Trans 2 EPA ID: | CAD980585293 |
| Trans 2 Name: | INDUSTRIAL WASTE UTILIZATION |
| TSDF EPA ID: | AZR000501510 |
| Trans Name: | AA SYDCOL LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 1.5 |
| Waste Quantity: | 3000 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAL000131151

Shipment Date: 20020920
Creation Date: 2/18/2003 18:31:24
Receipt Date: 20021004
Manifest ID: 21862530
Trans EPA ID: CAD982472623
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.9
Waste Quantity: 1800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020709
Creation Date: 1/21/2003 18:31:48
Receipt Date: 20020709
Manifest ID: 21862514
Trans EPA ID: CAD982472623
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 1.4
Waste Quantity: 2800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020412
Creation Date: 1/8/2003 18:31:12
Receipt Date: 20020412

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Manifest ID: | 96225038 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.2 |
| Waste Quantity: | 2400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020204 |
| Creation Date: | 7/8/2002 18:31:16 |
| Receipt Date: | 20020204 |
| Manifest ID: | 98397866 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.2 |
| Waste Quantity: | 2400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020111 |
| Creation Date: | 6/7/2002 18:30:54 |
| Receipt Date: | 20020111 |
| Manifest ID: | 98397870 |
| Trans EPA ID: | CAD982472623 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.2 |
| Waste Quantity: | 2400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2014 |
| Gen EPA ID: | CAL000131151 |
| Shipment Date: | 20140814 |
| Creation Date: | 1/26/2015 22:15:30 |
| Receipt Date: | 20140820 |
| Manifest ID: | 013016575JJK |
| Trans EPA ID: | CAL000350237 |
| Trans Name: | STRESS LESS EXPRESS LLC |
| Trans 2 EPA ID: | CAD980585293 |
| Trans 2 Name: | INDUSTRIAL WASTE UTILIZATION |
| TSDF EPA ID: | AZR000501510 |
| Trans Name: | AA SYDCOL LLC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.7 |
| Waste Quantity: | 1400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20140814 |
| Creation Date: | 12/26/2014 22:14:49 |
| Receipt Date: | 20140926 |
| Manifest ID: | 013016574JJK |
| Trans EPA ID: | CAL000350237 |
| Trans Name: | STRESS LESS EXPRESS LLC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | INDUSTRIAL SERVICE OIL CO INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Quantity Tons: | 0.57 |
| Waste Quantity: | 150 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | LINDA WOCHNIK |
| Address: | 2445 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 003622-I03744 |
| Facility Type: | 01 |
| Facility Status: | Closed |
| Area: | 3U |
| Permit Number: | 000006995 |
| Permit Status: | Closed |

CERS:

| | |
|---|---|
| Name: | REMINGTON ROLL FORMING INC |
| Address: | 2445 1/2 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 400628 |
| CERS ID: | 10265557 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 400628 |
| Site Name: | REMINGTON ROLL FORMING INC |
| Violation Date: | 06-25-2015 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 01/03/2017. OBSERVATION: Observed four 55 gallon containers of waste oil without a labels. CORRECTIVE ACTION: Owner/Operator shall immediately comply with the Title 22 regulations with regards to the proper handling, management, labeling and recycling of used oil. Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. Label information shall include: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. If the materials is used oil, the containers, above ground storage tanks, and fill pipes used to transfer oil into underground storage tanks shall also be labeled and clearly marked with the words G Used OilG . The operator corrected the violation on site by attaching a properly filled out label at the time of the inspection. Properly fill out labels. . |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 06-25-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: OBSERVATION: A review of CERS, revealed that the facility has not accurately submitted the Emergency Response/Contingency Plan to the CUPA. Observed that the plan was G ExemptG . CORRECTIVE ACTION: Go to the CERS internet website (http://cers.calepa.ca.gov/) to complete and submit the Emergency Response/Contingency plan. An optional template may be used to satisfy requirements that Hazardous Materials Business Plans (HMBP). You can find this template on the Emergency Response/Contingency Plan page of CERS. This section contains emergency response plans, procedures, and employee training in the event of a reportable/threatened hazardous material release. Download the form, read the instructions, and complete it. If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000. .
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 01-07-2019
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: OBSERVATION: The business failed to electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date. Last Submittal Date 5/3/2013 CORRECTIVE ACTION: Electronically submit and certify that the business plan is complete, accurate, and in compliance with EPCRA on or before the annual due date.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 06-25-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: OBSERVATION: A review of CERS, revealed that the facility has not accurately submitted the Hazardous Material Inventory Chemical Description page to the CUPA. Observed chemicals unreported in the Hazardous Material Inventory: a) Argon - Largest Container = 336 cubic

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

feet, Maximum Daily Amount = 827 cubic feet b) Oxygen - Largest Container = 337 cubic feet, Maximum Daily Amount = 788 cubic feet c) Acetylene - Largest container = 145 cubic feet, Maximum daily amount = 263 cubic feet d) Waste oil - Largest container = 55 gallon, Maximum daily amount = 220 gallon CORRECTIVE ACTION: Go to the California Environmental Reporting System (CERS) internet website (http://cers.calepa.ca.gov/) to provide additions/corrections to the Hazardous Material Inventory Chemical Description page for all materials listed above. Resubmit this section/page. If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000.

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 06-25-2015
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 01/03/2017. OBSERVATION: Observed two 55 gallon waste oil without being properly covered/capped. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Provide a tightly sealed cover/cap for hazardous waste containers. Waste containers are considered closed when all caps or lids with rings are in place. .
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 06-25-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: OBSERVATION: This facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. A review of CERS, revealed that the last submittal of HMBP was done on 06/11/2013. The due date for the annual submittal for the HMBP to CERS was 04/01/2015. CORRECTIVE ACTION: Go to CERS internet website (http://cers.calepa.ca.gov/) and provide updates to your Hazardous Materials Business Plan - (Business Activities, Business Owner/Operator Identification). If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000. .
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 400628
Site Name: REMINGTON ROLL FORMING INC
Violation Date: 01-03-2019

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

| | |
|---|---|
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 01/04/2019. OBSERVATION: observed several 55 gallon containers for coolant oil waste the back of the building without labels. Per owner previous containers with labels were recently picked up. CORRECTIVE ACTION: Correction made at end of inspection. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 400628 |
| Site Name: | REMINGTON ROLL FORMING INC |
| Violation Date: | 06-25-2015 |
| Citation: | HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1) |
| Violation Description: | Failure to complete and electronically submit a site map with all required content. |
| Violation Notes: | OBSERVATION: A review of CERS, revealed that the facility has not accurately submitted the facility site map to the CUPA. Observed the facility site map was G ExemptG . CORRECTIVE ACTION: Site Map cannot be G ExemptG . The site map must be an overhead drawing. The map should include: Adjacent street/alleys, adjacent properties, storm or sewer drains, access and egress points, parking lots, hazardous materials handling and storage areas (propane tank, gas and waste oil storage areas), locations of emergency response equipment, North direction. Once completed, go to the California Environmental Reporting System (CERS) internet website (http://cers.calepa.ca.gov/) and upload the site map. Resubmit this section/page. If you need assistance, contact the Los Angeles County Fire Department Data Operations section at 323-890-4000. . |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 01-03-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Drums properly labeled and covered; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 01-04-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Thomas |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-13-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Revisit: met with Thomas Henry who said he received the RV Fee Notice and NOV that I left last month; he said he would try to work on CERS but the Fire Dept should be the one to complete the HMBP because the Fire Dept has all the information; billable revisit 1st time; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Henry
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS reviewed; no HMBP submittal; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Thomas Henry
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Parent Corporation
Entity Name: REMINGTON ROLL FORMING INC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: THOMAS L HENRY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO BOX 9325
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: THOMAS L HENRY
Entity Title: Not reported
Affiliation Address: P O BOX 9325
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733-0979
Affiliation Phone: (714) 962-8351

Affiliation Type Desc: Environmental Contact
Entity Name: THOMAS L HENRY
Entity Title: Not reported
Affiliation Address: PO BOX 9325
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733-0979
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: THOMAS HENRY

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 350-5196

HWTS:
Name: REMINGTON ROLL FORMING
Address: 2445 1/2 CHICO AVE
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331612
EPA ID: CAL000131151
Inactive Date: Not reported
Create Date: 08/23/1995
Last Act Date: 09/09/2019
Mailing Name: Not reported
Mailing Address: 2445 1/2 CHICO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917331612
Owner Name: THOMAS L. HENRY
Owner Address: 2445 1/2 CHICO AVE
Owner Address 2: Not reported
Owner City,State,Zip: SOUTH EL MONTE, CA 917331612
Contact Name: THOMAS HENRY/OWNER
Contact Address: 2445 1/2 CHICO AVE
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 91733

NAICS:
EPA ID: CAL000131151
Create Date: 2002-03-14 16:36:28
NAICS Code: 3321
NAICS Description: Forging and Stamping
Issued EPA ID Date: 1995-08-23 00:00:00
Inactive Date: Not reported
Facility Name: REMINGTON ROLL FORMING
Facility Address: 2445 1/2 CHICO AVE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: 19
Facility State: CA
Facility Zip: 917331612

EPA ID: CAL000131151
Create Date: 2003-10-23 15:27:19
NAICS Code: 332999
NAICS Description: All Other Miscellaneous Fabricated Metal Product Manufacturing
Issued EPA ID Date: 1995-08-23 00:00:00
Inactive Date: Not reported
Facility Name: REMINGTON ROLL FORMING
Facility Address: 2445 1/2 CHICO AVE
Facility Address 2: Not reported
Facility City: SOUTH EL MONTE
Facility County: 19

**REMINGTON ROLL FORMING INC (Continued)** **S110070523**

Facility State: CA
Facility Zip: 917331612

---

**X238** **L. A. ANNEX** **WIP** **S106765546**
**NNE** **2445 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.180 mi.**
**953 ft.** **Site 8 of 18 in cluster X**

**Relative:**
**Higher**

**Actual:**
**244 ft.**

WIP:
Name: L. A. ANNEX
Address: 2445 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0839
**File Status: Historical**
Staff: CCC
Facility Suite: Not reported

---

**W239** **M & T** **CPS-SLIC** **S102058814**
**NNW** **2500 N. ROSEMEAD** **SWEEPS UST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.183 mi.** **WIP**
**966 ft.** **Site 10 of 11 in cluster W** **CERS**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

CPS-SLIC:
Name: M & T
Address: 2500 N. ROSEMEAD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status: Open - Inactive**
Status Date: 01/29/2015
Global Id: SL603798705
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.055412
Longitude: -118.06308
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0083
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:
Name: CHAMP CORPORATION
Address: 2500 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 9430
Number: 9

**M & T (Continued)** **S102058814**

Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009430-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 2

Name: CHAMP CORPORATION
Address: 2500 N ROSEMEAD BLVD
City: SOUTH EL MONTE
Status: Active
Comp Number: 9430
Number: 9
Board Of Equalization: 44-008142
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009430-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Name: CHAMP CORP
Address: 2500 ROSEMEAD BLVD
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009603-009430
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000513T
Permit Status: Removed

WIP:
Name: M & T
Address: 2500 N Rosemead
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0083
**File Status: Active**
Staff: CORTEZ
Facility Suite: Not reported

**M & T (Continued)** **S102058814**

CERS:
Name: M & T
Address: 2500 N. ROSEMEAD
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 191531
CERS ID: SL603798705
CERS Description: Cleanup Program Site

---

**W240** **CHAMP CORP.** **LUST** **S101298162**
**NNW** **2500 ROSEMEAD BLVD N** **Cortese** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **HIST CORTESE**
**0.183 mi.** **CERS**
**966 ft.** **Site 11 of 11 in cluster W**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | I-09430 | |
| Status: | Case Closed | |
| Substance: | Gasoline | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Soil | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603703419 | |
| W Global ID: | Not reported | |
| Staff: | UNK | |
| Local Agency: | 19000 | |
| Cross Street: | Not reported | |
| Enforcement Type: | Not reported | |
| Date Leak Discovered: | 9/6/1991 | |
| Date Leak First Reported: | | 4/22/1992 |
| Date Leak Record Entered: | 5/26/1992 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | 8/26/1991 | |
| Date Case Last Changed on Database: | | 6/18/1996 |
| Date the Case was Closed: | | 6/18/1996 |
| How Leak Discovered: | Tank Closure | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | UNK | |
| Leak Source: | UNK | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 2051.8922491276746896639327943 |
| Source of Cleanup Funding: | | UNK |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | 4/22/1992 |
| Pollution Characterization Began: | | Not reported |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | Not reported |
| Historical Max MTBE Date: | | Not reported |
| Hist Max MTBE Conc in Groundwater: | | Not reported |
| Hist Max MTBE Conc in Soil: | | Not reported |

**CHAMP CORP. (Continued)** **S101298162**

Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: M & T COMPANY
RP Address: 2439 ROSEMEAD BLVD N, EL MONTE, 91733
Program: LUST
Lat/Long: 34.0572793 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

LUST:
Name: CHAMP CORP.
Address: 2500 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703419
Global Id: T0603703419
Latitude: 34.0572793
Longitude: -118.0638172
Status: Completed - Case Closed
Status Date: 06/18/1996
Case Worker: YR
RB Case Number: I-09430
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603703419
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703419
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

**CHAMP CORP. (Continued)** **S101298162**

LUST:
Global Id: T0603703419
Action Type: Other
Date: 09/06/1991
Action: Leak Discovery

Global Id: T0603703419
Action Type: Other
Date: 08/26/1991
Action: Leak Stopped

Global Id: T0603703419
Action Type: Other
Date: 04/22/1992
Action: Leak Reported

LUST:
Global Id: T0603703419
Status: Open - Case Begin Date
Status Date: 08/26/1991

Global Id: T0603703419
Status: Open - Site Assessment
Status Date: 04/22/1992

Global Id: T0603703419
Status: Completed - Case Closed
Status Date: 06/18/1996

CORTESE:
Name: CHAMP CORP.
Address: 2500 ROSEMEAD BLVD N
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603703419
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

**CHAMP CORP. (Continued)** **S101298162**

HIST CORTESE:

| | |
|---|---|
| edr_fname: | CHAMP CORP. |
| edr_fadd1: | 2500 ROSEMEAD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | I-09430 |

CERS:

| | |
|---|---|
| Name: | CHAMP CORP. |
| Address: | 2500 ROSEMEAD BLVD N |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 198874 |
| CERS ID: | T0603703419 |
| CERS Description: | Leaking Underground Storage Tank Cleanup Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Local Agency Caseworker |
| Entity Name: | JOHN AWUJO - LOS ANGELES COUNTY |
| Entity Title: | Not reported |
| Affiliation Address: | 900 S FREMONT AVE |
| Affiliation City: | ALHAMBRA |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 6264583507 |

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | YUE RONG - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | Los Angeles |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**Z241** **WILMA MCCONNELL** **RCRA NonGen / NLR** **1024757854**
**WSW** **2022 LEE AVE** **CAC002977694**
**1/8-1/4** **S EL MONTE, CA 91733**
**0.183 mi.**
**966 ft.** **Site 5 of 8 in cluster Z**

**Relative:**
**Lower**

**Actual:**
**231 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2018-08-27 00:00:00.0 |
| Facility name: | WILMA MCCONNELL |
| Facility address: | 2022 LEE AVE<br>S EL MONTE, CA 91733 |
| EPA ID: | CAC002977694 |
| Mailing address: | 775005 6TH ST. A-27<br>COTTAGE GROVE, OR 97424 |
| Contact: | TIM TRAN |
| Contact address: | 55 E. HUNTINGTON DR. #100<br>ARCADIA, CA 91006 |
| Contact country: | Not reported |

**WILMA MCCONNELL (Continued)** **1024757854**

Contact telephone: 626-429-2221
Contact email: C21TIMTRAN@GMAIL.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WILMA MCCONNELL
Owner/operator address: 775005 6TH ST. A-27
COTTAGE GROVE, OR 97424
Owner/operator country: Not reported
Owner/operator telephone: 626-372-6569
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TIM TRAN
Owner/operator address: 55 E. HUNTINGTON DR. #100
ARCADIA, CA 91006
Owner/operator country: Not reported
Owner/operator telephone: 626-429-2221
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

**X242** **COAST MACHENARY MOVERS** **HIST UST** **S118408793**
**NE** **2432 CHICO AVENUE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.183 mi.**
**968 ft.** **Site 9 of 18 in cluster X**

**Relative:** **Higher**
**Actual:** **244 ft.**

HIST UST:

| | |
|---|---|
| Name: | COAST MACHENARY MOVERS |
| Address: | 2432 CHICO AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 000272F3 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000272F3.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |
| Total Tanks: | Not reported |
| | |
| Tank Num: | Not reported |
| Container Num: | Not reported |
| Year Installed: | Not reported |
| Tank Capacity: | Not reported |
| Tank Used for: | Not reported |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

Click here for Geo Tracker PDF:

---

**AA243** **TED LEVINE DRUM - GROUNDWATER (SITE 3)** **CPS-SLIC** **S122853911**
**SSE** **1729,1807 AND 1817 CHICO AVENUE** **CERS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.184 mi.**
**974 ft.** **Site 1 of 4 in cluster AA**

**Relative:** **Lower**
**Actual:** **232 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | TED LEVINE DRUM - GROUNDWATER (SITE 3) |
| Address: | 1729,1807 AND 1817 CHICO AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733-2943 |
| Region: | STATE |
| **Facility Status:** | **Open - Assessment & Interim Remedial Action** |
| Status Date: | 10/29/2015 |
| Global Id: | SL603792672 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.049713 |
| Longitude: | -118.060607 |
| Case Type: | Cleanup Program Site |
| Case Worker: | SLH |
| Local Agency: | Not reported |
| RB Case Number: | 107.0445 |
| File Location: | Regional Board |
| Potential Media Affected: | Aquifer used for drinking water supply, Soil, Under Investigation |
| Potential Contaminants of Concern: | Tetrachloroethylene (PCE), Trichloroethylene (TCE) |
| Site History: | Soil vapor extraction (SVE) system consisted of three extraction well |

**TED LEVINE DRUM - GROUNDWATER (SITE 3) (Continued)** **S122853911**

zones (Well Unit 1, 2, and 3). Each unit contained three or four SVE/monitoring wells. All SVE/monitoring wells had a total depth of 15 feet below ground surface (bgs). The SVE system operated intermittently between January 1999 and March 2000. In Well Unit 1, the soil vapor concentrations from the SVE/monitoring wells ranged from 3 to 33 micrograms per liter ("g/L) of trichloroethene (TCE) and from 27 to 77 "g/L of tetrachloroethene (PCE) on December 15, 1998. On March 29, 2000, the soil vapor concentrations ranged from 5 to 59 "g/L of TCE and from 6 to 91 "g/L of PCE. In Well Unit 2, the soil vapor concentrations from the SVE/monitoring wells ranged from 6 to 29 "g/L of TCE and from 2 to 36 "g/L of PCE on December 15 and 16, 1998. On November 30, 2000, the soil vapor concentrations ranged from 10 to 31 "g/L of TCE and from 10 to 44 "g/L of PCE. In Well Unit 3, the soil vapor concentrations from the SVE/monitoring wells ranged from <1 to 12 "g/L of TCE and from 10 to 121 "g/L of PCE on December 14 and 15, 1998. On November 30, 2000, the soil vapor concentrations ranged from 5 to 19 "g/L of TCE and from 23 to 82 "g/L of PCE. Several soil gas monitoring probes were also installed in each extraction well zone. The depth of all SVE probes is 15 feet bgs, except for two probes in Unit 2 and one probe in Unit 3 whose depth is 5 feet bgs. In Well Unit 1, the soil gas concentrations from the soil gas monitoring probes ranged from <1 to 11 "g/L of TCE and from 2 to 38 "g/L of PCE on December 14, 15, and 16, 1998. On March 28, 2000, the soil gas concentrations ranged from 40 to 49 "g/L of TCE and from 57 to 61 "g/L of PCE. In Well Unit 2, the soil gas concentrations from the soil gas monitoring probes ranged from <1 to 112 "g/L of TCE and from <1 to 109 "g/L of PCE on December 14, 15, and 16, 1998. On November 30, 2000, the soil gas concentrations ranged from 106 to 207 "g/L of TCE and from 61 to 94 "g/L of PCE. In Well Unit 3, the soil gas concentrations from the soil gas monitoring probes ranged from <1 to 8 "g/L of TCE and from <1 to 77 "g/L of PCE on December 14, 15, and 16, 1998. On November 30, 2000, the soil gas concentrations ranged from 2 to 477 "g/L of TCE and from 27 to 3,390 "g/L of PCE. Annual groundwater monitoring and emergent chemical sampling activities were performed at the site on October 24, 2002. Groundwater samples were collected from wells LW-1, LW-4, LW-6, LW-7, LW-8, LW-9, and LW-10 and analyzed for VOCs using USEPA Test Method 8010B. Additionally, the sample collected from well LW-10 was analyzed for ammonium perchlorate using USEPA Test Method 314, NDMA using USEPA Test Method 1625M, 1,4-dioxane using USEPA Test Method 8270C, and total and hexavalent chromium using USEPA Test Methods 200.9 and 7199, respectively. The Groundwater Monitoring Report also indicated that groundwater was not present in monitoring wells LW-2 and LW-3, therefore, water levels were not obtained. Well LW-5 was not sampled due to an insufficient quantity of groundwater present in the well. Thus, no groundwater samples were collected from wells LW-2, LW-3, and LW-5. Significant VOCs concentration levels were detected in the groundwater samples. PCE concentrations ranged from 40 to 110 "g/L. TCE concentrations ranged from 15 to 230 "g/L. Cis-1,2-dichloroethylene (cis-1,2-DCE) concentrations ranged from 4.7 to 250 "g/L. 1,1-dichloroethane (1,1-DCA) concentrations ranged from 3.6 to 37 "g/L. The emergent chemical concentrations detected in groundwater samples were 0.012 "g/L of n-nitrosodimethylamine (NDMA), 1.7 "g/L of 1,4-dioxane, 4.6 "g/L of total chromium, and 3.8 .g/L of hexavalent chromium.

**TED LEVINE DRUM - GROUNDWATER (SITE 3) (Continued)** **S122853911**

Click here to access the California GeoTracker records for this facility:

CERS:

| | |
|---|---|
| Name: | TED LEVINE DRUM - GROUNDWATER (SITE 3) |
| Address: | 1729,1807 AND 1817 CHICO AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733-2943 |
| Site ID: | 211906 |
| CERS ID: | SL603792672 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | SHERVIN MILANI - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4th Street |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 2135766705 |

---

**AB244** **AUTOMATIC FIRE CONTROL** **RCRA NonGen / NLR** **1024802868**
**ENE** **9600 KLINGERMAN ST** **CAL000249740**
**1/8-1/4** **S EL MONTE, CA 91736**
**0.186 mi.**
**982 ft.** **Site 1 of 9 in cluster AB**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2002-04-10 00:00:00.0 |
| Facility name: | AUTOMATIC FIRE CONTROL |
| Facility address: | 9600 KLINGERMAN ST<br>S EL MONTE, CA 91736 |
| EPA ID: | CAL000249740 |
| Mailing address: | PO BOX 3365<br>SOUTH EL MONTE, CA 91733 |
| Contact: | MARIA MEDINA |
| Contact address: | PO BOX 3365<br>S EL MONTE, CA 91733-0000 |
| Contact country: | Not reported |
| Contact telephone: | 626-444-0541 |
| Contact email: | INFO@AFCON.ORG |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | ANVIL INTERNATIONAL LLC |
| Owner/operator address: | 2 HOLLAND WAY<br>EXETER, NH 03833 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 603-418-2800 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |

**AUTOMATIC FIRE CONTROL (Continued)** **1024802868**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MARIA MEDINA
Owner/operator address: PO BOX 3365
S EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-444-0541
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**AB245** **FEATHER-LITE OF SO.CA. (AFCON)** **WIP** **S106765601**
**ENE** **9600 KLINGERMAN ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.186 mi.**
**982 ft.** **Site 2 of 9 in cluster AB**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

WIP:
Name: FEATHER-LITE OF SO.CA. (AFCON)
Address: 9600 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0921
**File Status: Historical**
Staff: WDP
Facility Suite: Not reported

**AC246** **BULWARK CORP.** **CPS-SLIC** **S103677341**
**ESE** **9624 RUSH ST.** **EMI** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **WIP**
**0.186 mi.** **CERS**
**983 ft.** **Site 1 of 12 in cluster AC**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | BULWARK CORP. |
| Address: | 9624 RUSH ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 06/23/1997 |
| Global Id: | SL603798762 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.051632437867 |
| Longitude: | -118.059079446015 |
| Case Type: | Cleanup Program Site |
| Case Worker: | SLH |
| Local Agency: | Not reported |
| RB Case Number: | 107.0669 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

EMI:

| | |
|---|---|
| Name: | BULWARK CORP |
| Address: | 9624 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2002 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 140 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | BULWARK CORP |
| Address: | 9624 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2003 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 140 |
| Air District Name: | SC |
| SIC Code: | 3479 |

**BULWARK CORP. (Continued)** **S103677341**

| | |
|---|---|
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | BULWARK CORP |
| Address: | 9624 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2004 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 140 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.0428 |
| Reactive Organic Gases Tons/Yr: | 0.02 |
| Carbon Monoxide Emissions Tons/Yr: | 0.0903 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.335 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.00214 |
| Particulate Matter Tons/Yr: | 0.2918 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.28 |

| | |
|---|---|
| Name: | BULWARK CORP |
| Address: | 9624 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Year: | 2006 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 140 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .0284225485551871151 |
| Reactive Organic Gases Tons/Yr: | .012 |
| Carbon Monoxide Emissions Tons/Yr: | .061 |
| NOX - Oxides of Nitrogen Tons/Yr: | .227 |
| SOX - Oxides of Sulphur Tons/Yr: | .001 |
| Particulate Matter Tons/Yr: | .156 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .14654 |

| | |
|---|---|
| Name: | BULWARK CORP |
| Address: | 9624 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 96003 |
| Year: | 2007 |
| County Code: | 19 |
| Air Basin: | SC |

**BULWARK CORP. (Continued)** **S103677341**

| | |
|---|---|
| Facility ID: | 140 |
| Air District Name: | SC |
| SIC Code: | 3479 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .0284225485551871151 |
| Reactive Organic Gases Tons/Yr: | .012 |
| Carbon Monoxide Emissions Tons/Yr: | .061 |
| NOX - Oxides of Nitrogen Tons/Yr: | .227 |
| SOX - Oxides of Sulphur Tons/Yr: | .001 |
| Particulate Matter Tons/Yr: | .156 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .14654 |

WIP:

| | |
|---|---|
| Name: | BULWARK CORP. |
| Address: | 9624 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0669 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | BULWARK CORPORATION |
| Address: | 9624 RUSH ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 13991 |
| CERS ID: | SL603798762 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | STEFANIE HADA - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4th Street, Ste. 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 2135766659 |

---

**AC247** **BULWARK CORP** **SWEEPS UST** **U002278606**
**ESE** **9624 RUSH ST** **LOS ANGELES CO. HMS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.186 mi.**
**983 ft.** **Site 2 of 12 in cluster AC**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | BULWARK CORPORATION |
| Address: | 9624 E RUSH ST |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 2381 |
| Number: | 9 |

**BULWARK CORP (Continued)** **U002278606**

Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Name: BULWARK CORP
Address: 9624 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 002303-I02381
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000003453
Permit Status: Removed

Name: BULWARK CORP
Address: 9624 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 002303-I02381
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000146984
Permit Status: Closed

Name: BULWARK CORP
Address: 9624 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 002303-002381
Facility Type: 1
Facility Status: Removed
Area: 3U
Permit Number: 000104927
Permit Status: Removed

**AC248** **TEAK MASTER INC** **RCRA NonGen / NLR** **1024869178**
**ESE** **9624 RUSH ST UNIT B** **CAL000437789**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.186 mi.**
**983 ft.** **Site 3 of 12 in cluster AC**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2018-07-24 00:00:00.0 |
| Facility name: | TEAK MASTER INC |
| Facility address: | 9624 RUSH ST UNIT B<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAL000437789 |
| Mailing address: | PO BOX 5026<br>PASADENA, CA 91117 |
| Contact: | VERONICA TROTT |
| Contact address: | 9624 RUSH ST UNIT B<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-672-6624 |
| Contact email: | VERONICATROTT@TEAKMASTER.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | VERONICA TROTT |
| Owner/operator address: | 9624 RUSH ST UNIT B<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-672-6624 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | TIM GILLIAN |
| Owner/operator address: | 75 ESPERANZA AVE<br>SIERRA MADRE, CA 91024 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-201-2903 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |

**TEAK MASTER INC (Continued)** **1024869178**

| | |
|---|---|
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

---

**AA249** **TED LEVINE DRUM CO** **SWEEPS UST** **S106932810**
**SSE** **1829 CHICO AVE** **N/A**
**1/8-1/4** **EL MONTE, CA**
**0.188 mi.**
**993 ft.** **Site 2 of 4 in cluster AA**

**Relative:** **Lower**
**Actual:** **232 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1829 CHICO AVE |
| City: | EL MONTE |
| Status: | Active |
| Comp Number: | 13195 |
| Number: | 9 |
| Board Of Equalization: | Not reported |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | Not reported |
| Tank Status: | Not reported |
| Capacity: | Not reported |
| Active Date: | Not reported |
| Tank Use: | Not reported |
| STG: | Not reported |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

---

**T250** **FLEXFIRM PRODUCTS, INC.** **WIP** **S106765225**
**ENE** **2300 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.188 mi.**
**994 ft.** **Site 2 of 2 in cluster T**

**Relative:** **Higher**
**Actual:** **242 ft.**

WIP:

| | |
|---|---|
| Name: | FLEXFIRM PRODUCTS, INC. |
| Address: | 2300 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0142 |
| **File Status:** | **Historical** |
| Staff: | GMM |
| Facility Suite: | Not reported |

**X251** **PRECISION HINGE CO.,** **WIP** **S103980647**
**NE** **2436 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.189 mi.**
**998 ft.** **Site 10 of 18 in cluster X**

**Relative:** **Higher**

**Actual:** **244 ft.**

WIP:

| | |
|---|---|
| Name: | PRECISION HINGE CO., |
| Address: | 2436 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2177 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

---

**AD252** **HONG KONG MOTORS INC** **RCRA NonGen / NLR** **1024839239**
**WSW** **9311 RUSH ST** **CAL000386986**
**1/8-1/4** **S EL MONTE, CA 91733**
**0.192 mi.**
**1014 ft.** **Site 1 of 5 in cluster AD**

**Relative:** **Lower**

**Actual:** **230 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2013-07-02 00:00:00.0 |
| Facility name: | HONG KONG MOTORS INC |
| Facility address: | 9311 RUSH ST<br>S EL MONTE, CA 91733-2523 |
| EPA ID: | CAL000386986 |
| Contact: | TIM NG |
| Contact address: | 9311 RUSH ST<br>S EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-401-1180 |
| Contact email: | HKM.ESTIMATE@GMAIL.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | TIM NG |
| Owner/operator address: | 9311 RUSH ST<br>S EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-401-1180 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | HONG KONG MOTORS INC |
| Owner/operator address: | 9311 RUSH ST<br>S EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-401-1180 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |

**HONG KONG MOTORS INC (Continued)** **1024839239**

Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**AD253** **GRAPHIC DISTRIBUTORS** **WIP** **S106765649**
**WSW** **9311 RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.192 mi.**
**1014 ft.** **Site 2 of 5 in cluster AD**

**Relative:** **Lower**
**Actual:** **230 ft.**

WIP:
Name: GRAPHIC DISTRIBUTORS
Address: 9311 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0994
**File Status:** **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

---

**AD254** **ELLIS INDUSTRIES** **WIP** **1000262204**
**WSW** **2010 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.195 mi.**
**1027 ft.** **Site 3 of 5 in cluster AD**

**Relative:** **Lower**
**Actual:** **230 ft.**

WIP:
Name: ELLIS INDUSTRIES
Address: 2010 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0893
**File Status:** **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

**X255** **CEMCO FITNESS PRODUCTS** **WIP** **S106766201**
**NNE** **2453 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.195 mi.**
**1029 ft.** **Site 11 of 18 in cluster X**

**Relative:** **Higher**
**Actual:** **244 ft.**

WIP:

| | |
|---|---|
| Name: | CEMCO FITNESS PRODUCTS |
| Address: | 2453 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2195 |
| **File Status:** | **Historical** |
| Staff: | CCC |
| Facility Suite: | Not reported |

---

**V256** **ED'S ENGINE REBUILDING** **WIP** **S106765561**
**NW** **2414 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.197 mi.**
**1038 ft.** **Site 9 of 9 in cluster V**

**Relative:** **Lower**
**Actual:** **236 ft.**

WIP:

| | |
|---|---|
| Name: | ED'S ENGINE REBUILDING |
| Address: | 2414 Lee Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0862 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**AC257** **ACTION GRAPHIC ARTS INC** **HIST UST** **S105032673**
**ESE** **9635 RUSH ST** **LOS ANGELES CO. HMS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.197 mi.**
**1040 ft.** **Site 4 of 12 in cluster AC**

**Relative:** **Higher**
**Actual:** **239 ft.**

HIST UST:

| | |
|---|---|
| Name: | ACTION GRAPHIC ARTS INC |
| Address: | 9635 RUSH STREET |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 0002619E |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002619E.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |
| Total Tanks: | Not reported |
| | |
| Tank Num: | Not reported |
| Container Num: | Not reported |
| Year Installed: | Not reported |

**ACTION GRAPHIC ARTS INC (Continued)** **S105032673**

Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:
Name: ACTION GRAPHIC ARTS INC
Address: 9635 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 007227-I07565
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000008853
Permit Status: Closed

---

**AC258** **ACTION GRAPHIC ARTS, INC.** **HIST UST** **U001569430**
**ESE** **9635 RUSH ST** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.197 mi.**
**1040 ft.** **Site 5 of 12 in cluster AC**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

HIST UST:
Name: ACTION GRAPHIC ARTS, INC.
Address: 9635 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000003752
Facility Type: Other
Other Type: LITHO PHOTO
Contact Name: DENNIS K. WARD
Telephone: 8184433113
Owner Name: ACTION GRAPHIC ARTS, INC.
Owner Address: 9635 RUSH STREET
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0000

Tank Num: 001
Container Num: 1
Year Installed: 1977
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/8
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1977
Tank Capacity: 00000275

**ACTION GRAPHIC ARTS, INC. (Continued)** **U001569430**

| | |
|---|---|
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | 3/8 |
| Leak Detection: | None |

| | |
|---|---|
| Tank Num: | 003 |
| Container Num: | 3 |
| Year Installed: | 1977 |
| Tank Capacity: | 00000275 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | 3/8 |
| Leak Detection: | None |

| | |
|---|---|
| Tank Num: | 004 |
| Container Num: | 4 |
| Year Installed: | 1977 |
| Tank Capacity: | 00000275 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | 3/8 |
| Leak Detection: | None |

| | |
|---|---|
| Tank Num: | 005 |
| Container Num: | 5 |
| Year Installed: | 1977 |
| Tank Capacity: | 00008000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | 1/2 |
| Leak Detection: | None |

WIP:

| | |
|---|---|
| Name: | ACTION GRAPHIC ARTS, INC. |
| Address: | 9635 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0013 |
| **File Status:** | **Historical** |
| Staff: | BPONEK |
| Facility Suite: | Not reported |

---

**X259** **PACIFIC HARDWARE MFG. CO.** **WIP** **S106765857**
**NE** **2442 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.197 mi.**
**1041 ft.** **Site 12 of 18 in cluster X**

**Relative:**
**Higher**

**Actual:**
**244 ft.**

WIP:

| | |
|---|---|
| Name: | PACIFIC HARDWARE MFG. CO. |
| Address: | 2442 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1335 |
| **File Status:** | **Historical** |
| Staff: | GMM |
| Facility Suite: | Not reported |

**AE260** **A & R LUGGAGE** **WIP** **S106766196**
**NE** **9605 KLINGERMAN ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.197 mi.**
**1041 ft.** **Site 1 of 2 in cluster AE**

**Relative:**
**Higher**

**Actual:**
**244 ft.**

WIP:

| | |
|---|---|
| Name: | A & R LUGGAGE |
| Address: | 9605 Klingerman St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2189 |
| **File Status:** | **Historical** |
| Staff: | BPONEK |
| Facility Suite: | Not reported |

---

**Z261** **FOAM EXPRESS** **WIP** **S106765607**
**West** **2113 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.198 mi.**
**1043 ft.** **Site 6 of 8 in cluster Z**

**Relative:**
**Lower**

**Actual:**
**232 ft.**

WIP:

| | |
|---|---|
| Name: | FOAM EXPRESS |
| Address: | 2113 Lee Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0930 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**Y262** **MG ENTERPRISES** **WIP** **S106765771**
**WNW** **2325 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.199 mi.**
**1050 ft.** **Site 3 of 4 in cluster Y**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

WIP:

| | |
|---|---|
| Name: | MG ENTERPRISES |
| Address: | 2325 Lee Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1193 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

**Z263** **PREMIER METAL PRODUCTS** **WIP** **S106765886**
**West** **2105 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.200 mi.**
**1058 ft.** **Site 7 of 8 in cluster Z**

**Relative:** WIP:
**Lower**
**Actual:** Name: PREMIER METAL PRODUCTS
**232 ft.** Address: 2105 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1383
**File Status:** **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

---

**Y264** **ABLE INDUSTRIAL PRODUCTS,INC.** **WIP** **S106765317**
**WNW** **2329 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.201 mi.**
**1061 ft.** **Site 4 of 4 in cluster Y**

**Relative:** WIP:
**Lower**
**Actual:** Name: ABLE INDUSTRIAL PRODUCTS,INC.
**235 ft.** Address: 2329 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0494
**File Status:** **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**AF265** **TEMPLE CITY ENTERPRISES** **HIST UST** **S112928829**
**WNW** **2407 N LEE AVE** **HAZNET** **N/A**
**1/8-1/4** **S EL MONTE, CA 91733** **HWTS**
**0.202 mi.**
**1065 ft.** **Site 1 of 6 in cluster AF**

**Relative:** HIST UST:
**Lower**
**Actual:** Name: LEES PLUMBING
**236 ft.** Address: 2407 N LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 000270DE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000270DE.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported

**TEMPLE CITY ENTERPRISES (Continued)** **S112928829**

Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:
Name: TEMPLE CITY ENTERPRISES
Address: 2407 N LEE AVE
Address 2: Not reported
City,State,Zip: S EL MONTE, CA 91733
Contact: GRACE CHEN
Telephone: 6262922526
Mailing Name: Not reported
Mailing Address: 9531 LOS TUNAS DR

Year: 2003
Gepaid: CAC002563514
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.38

Additional Info:
Year: 2003
Gen EPA ID: CAC002563514

Shipment Date: 20030402
Creation Date: 8/5/2003 18:30:51
Receipt Date: 20030411
Manifest ID: 22360899
Trans EPA ID: CAT080016116
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
CA Waste Code: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Disposal Method: R01 - Recycler
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: TEMPLE CITY ENTERPRISES

**TEMPLE CITY ENTERPRISES (Continued)** **S112928829**

| | |
|---|---|
| Address: | 2407 N LEE AVE |
| Address 2: | Not reported |
| City,State,Zip: | S EL MONTE, CA 91733 |
| EPA ID: | CAC002563514 |
| Inactive Date: | 09/24/2003 |
| Create Date: | 03/27/2003 |
| Last Act Date: | 03/27/2003 |
| Mailing Name: | Not reported |
| Mailing Address: | 9531 LOS TUNAS DR |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | TEMPLE CITY, CA 91780 |
| Owner Name: | TEMPLE CITY ENTERPRISES |
| Owner Address: | 9531 LOS TUNAS DR |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | TEMPLE CITY, CA 91780 |
| Contact Name: | GRACE CHEN |
| Contact Address: | 9531 LOS TUNAS DR |
| Contact Address 2: | Not reported |
| City,State,Zip: | TEMPLE CITY, CA 91780 |

---

**AF266** **H P CUSTOM CARPENTRY INC** **SWEEPS UST** **S102058739**
**WNW** **2407 LEE AVE** **LOS ANGELES CO. HMS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.202 mi.**
**1065 ft.** **Site 2 of 6 in cluster AF**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | H P CUSTOM CARPENTRY INC |
| Address: | 2407 N LEE AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 9168 |
| Number: | 9 |
| Board Of Equalization: | 44-008334 |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-009168-000001 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | 1 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | H P CUSTOM CARPENTRY INC |
| Address: | 2407 LEE AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | T |
| Facility Id: | 009364-009168 |
| Facility Type: | 0 |
| Facility Status: | Removed |
| Area: | 3U |

**H P CUSTOM CARPENTRY INC (Continued)** **S102058739**

Permit Number: 00000152T
Permit Status: Removed

---

**AB267** **AMERICAN GENERAL BUSINESS SYST** **CPS-SLIC** **S106484637**
**ENE** **2430 CHICO AVE** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CERS**
**0.202 mi.**
**1066 ft.** **Site 3 of 9 in cluster AB**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | AMERICAN GENERAL BUSINESS SYST |
| Address: | 2430 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 10/29/2014 |
| Global Id: | SL603798828 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.0562509015367 |
| Longitude: | -118.059771700733 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.2175 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | AMERICAN GENERAL BUSINESS SYST |
| Address: | 2430 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2175 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | AMERICAN GENERAL BUSINESS SYST |
| Address: | 2430 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 216638 |
| CERS ID: | SL603798828 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JEFFREY HU - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |

**AMERICAN GENERAL BUSINESS SYST (Continued)** **S106484637**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

**X268** **A AND G COMPRESSOR PARTS INC** **RCRA-SQG** **1001959794**
**NE** **2410 N CHICO** **FINDS** **CAR000064394**
**1/8-1/4** **S EL MONTE, CA 91733** **ECHO**
**0.202 mi.**
**1067 ft.** **Site 13 of 18 in cluster X**

**Relative:** **Higher**
**Actual:** **244 ft.**

RCRA-SQG:
Date form received by agency: 2000-01-14 00:00:00.0
Facility name: A AND G COMPRESSOR PARTS INC
Facility address: 2410 N CHICO
S EL MONTE, CA 91733-1613
EPA ID: CAR000064394
Contact: FRANK MC NEEL
Contact address: 2410 N CHICO
S EL MONTE, CA 91733-1613
Contact country: US
Contact telephone: 626-401-2440
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: A AND G COMPRESSOR PARTS INC
Owner/operator address: 2410 N CHICO
S EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-401-2440
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

**A AND G COMPRESSOR PARTS INC (Continued)** **1001959794**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:
Registry ID: 110002931971
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002931971

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

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

ECHO:
Envid: 1001959794
Registry ID: 110002931971
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002931971
Name: A AND G COMPRESSOR PARTS INC
Address: 2410 N CHICO
City,State,Zip: S EL MONTE, CA 91733

---

**Z269** **ABC RESTAURANT EQUIPMENT CO** **WIP** **S106765992**
**West** **2025 LEE AVE** **CERS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.205 mi.**
**1083 ft.** **Site 8 of 8 in cluster Z**

**Relative:**
**Lower**

**Actual:**
**231 ft.**

WIP:
Name: STANDARD COATING SUPPLY
Address: 2025 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1546
**File Status: Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: ABC RESTAURANT EQUIPMENT CO
Address: 2025 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 89263
CERS ID: 10265674

**ABC RESTAURANT EQUIPMENT CO (Continued)** **S106765992**

CERS Description: Chemical Storage Facilities

Violations:

Site ID: 89263
Site Name: ABC RESTAURANT EQUIPMENT CO
Violation Date: 08-18-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 10/09/2018. OBSERVATION: The business failed to complete and electronically submit a site map with all required content including: north orientation, loading area, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shut offs, evacuation staging area, hazardous materials/waste storage areas and emergency response equipment. Observed site map missing required evacuation area. CORRECTIVE ACTION: Complete and electronically submit a site map with all required content. NOTE: Corrected in CERS at the time of inspection with Mr. Lien.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 89263
Site Name: ABC RESTAURANT EQUIPMENT CO
Violation Date: 08-18-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 10/09/2018. OBSERVATION: The business failed to complete and electronically submit chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. Observed 2 x 11 gallon propane tanks not reported in the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Complete and electronically submit the chemical inventory information for all reportable hazardous materials on site at or above reportable quantities. NOTE: Corrected in CERS at the time of inspection with Mr. Lien.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 89263
Site Name: ABC RESTAURANT EQUIPMENT CO
Violation Date: 08-18-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 10/09/2018. OBSERVATION: The business failed to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. Observed the local CUPA phone number and local hospital phone numbers missing on the Emergency Response Plan. CORRECTIVE

**ABC RESTAURANT EQUIPMENT CO (Continued)** **S106765992**

ACTION: Establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material within 30 days. NOTE: Corrected in CERS at the time of inspection with Mr. Lien.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 10-09-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Brian Lien, General Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

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

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

**ABC RESTAURANT EQUIPMENT CO (Continued)** **S106765992**

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Wen Hui LIn |
| Entity Title: | Operator/owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | WEN HUI LIN |
| Entity Title: | Not reported |
| Affiliation Address: | 2025 N LEE AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 442-1821 |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ABC RESTAURANT EQUIPMENT CO |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2025 LEE AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | BRIAN LIEN |
| Entity Title: | Not reported |
| Affiliation Address: | 2025 N LEE AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | WEN HUI LIN |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |

**ABC RESTAURANT EQUIPMENT CO (Continued)** **S106765992**

Affiliation Zip: Not reported
Affiliation Phone: (626) 705-1028

---

**AF270** **SURE SHOT NEGATIVE & PRINTING** **WIP** **S106766006**
**NW** **2424 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.205 mi.**
**1085 ft.** **Site 3 of 6 in cluster AF**

**Relative:** **Lower**
**Actual:** **236 ft.**

WIP:
Name: SURE SHOT NEGATIVE & PRINTING
Address: 2424 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1571
**File Status:** **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

---

**X271** **WORLD IMPORTS** **WIP** **S106766193**
**NE** **2446 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.205 mi.**
**1085 ft.** **Site 14 of 18 in cluster X**

**Relative:** **Higher**
**Actual:** **245 ft.**

WIP:
Name: WORLD IMPORTS
Address: 2446 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2184
**File Status:** **Historical**
Staff: BPONEK
Facility Suite: Not reported

---

**AB272** **AT AUTO REPAIR CENTER LLC** **RCRA NonGen / NLR** **1024854541**
**NE** **9609 KLINGERMAN ST** **CAL000415789**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.205 mi.**
**1085 ft.** **Site 4 of 9 in cluster AB**

**Relative:** **Higher**
**Actual:** **244 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2016-03-30 00:00:00.0
Facility name: AT AUTO REPAIR CENTER LLC
Facility address: 9609 KLINGERMAN ST
SOUTH EL MONTE, CA 91733
EPA ID: CAL000415789
Mailing address: 2710 MERCED AVE
EL MONTE, CA 91733-0000
Contact: ANDY TRUONG, OWNER
Contact address: 2710 MERCED AVE
EL MONTE, CA 91733
Contact country: Not reported
Contact telephone: 626-537-8070

**AT AUTO REPAIR CENTER LLC (Continued)** **1024854541**

Contact email: ATAUTO92@NETZERO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ANDY TRUONG, OWNER
Owner/operator address: 2710 MERCED AVE
EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-537-8070
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ANDY TRUONG
Owner/operator address: 4625 CEDAR AVE
EL MONTE, CA 91732
Owner/operator country: Not reported
Owner/operator telephone: 626-448-9786
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

**AB273** **ARTEESTIC GARMENT PRINTING** **RCRA-SQG** **1000820606**
**NE** **9609 KLINGERMAN ST** **FINDS** **CAD983667650**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **ECHO**
**0.205 mi.** **LOS ANGELES CO. HMS**
**1085 ft.** **Site 5 of 9 in cluster AB**

**Relative:**
**Higher**

**Actual:**
**244 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 2000-11-30 00:00:00.0 |
| Facility name: | ARTEESTIC GARMENT PRINTING |
| Facility address: | 9609 KLINGERMAN ST<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD983667650 |
| Contact: | WILLIE LEUNG |
| Contact address: | 9609 KLINGERMAN ST<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | US |
| Contact telephone: | 626-443-4435 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | HAROLD TRUONG |
| Owner/operator address: | 4908 DOREEN AVE<br>TEMPLE CITY, CA 91780 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-444-2120 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

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

**ARTEESTIC GARMENT PRINTING (Continued)** **1000820606**

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Violation Status: No violations found

FINDS:
Registry ID: 110002898703
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002898703

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

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

ECHO:
Envid: 1000820606
Registry ID: 110002898703
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002898703
Name: ARTEESTIC GARMENT PRINTING
Address: 9609 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733

LOS ANGELES CO. HMS:
Name: TELSTAR INDUSTRIES INC
Address: 9609 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 015868-020466
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000013215
Permit Status: Closed

**AB274** **A T AUTO REPAIR CENTER LLC** **CERS HAZ WASTE** **S103317313**
**NE** **9609 KLINGERMAN ST** **LOS ANGELES CO. HMS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CERS**
**0.205 mi.**
**1085 ft.** **Site 6 of 9 in cluster AB**

**Relative: Higher**

**Actual: 244 ft.**

CERS HAZ WASTE:
Name: A T AUTO REPAIR CENTER LLC
Address: 9609 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 419944
CERS ID: 10713079
CERS Description: Hazardous Waste Generator

LOS ANGELES CO. HMS:
Name: ARTESSTIC GARMENT PRINTING INC
Address: 9609 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: Not reported
Facility Id: 015868-025632
Facility Type: Not reported
Facility Status: OPEN
Area: 3U
Permit Number: Not reported
Permit Status: Not reported

CERS:
Name: A T AUTO REPAIR CENTER LLC
Address: 9609 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 419944
CERS ID: 10713079
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 419944
Site Name: A T AUTO REPAIR CENTER LLC
Violation Date: 03-08-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 01/13/2017. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 419944
Site Name: A T AUTO REPAIR CENTER LLC
Violation Date: 03-08-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General

**A T AUTO REPAIR CENTER LLC (Continued)** **S103317313**

| | |
|---|---|
| Violation Notes: | Returned to compliance on 03/08/2016. OBSERVATION: The Owner/Operator failed to obtain or no longer has an active hazardous waste generator permit. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new or renewed hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. Upon receipt of full payment from a unified program facility for all the annual fees, including previous unpaid annual fees, any late payment penalties and [Truncated] |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 419944 |
| Site Name: | A T AUTO REPAIR CENTER LLC |
| Violation Date: | 03-08-2016 |
| Citation: | HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507 |
| Violation Description: | Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 12/26/2017. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Reportable Haz Mat: Used oil-1x55-gal drum; waste coolant-1x55-gal drum; new coolant-1x110-gal tote; drained used oil filters-1x55-gal drum; motor oil - 3x55-gal drums + 1x75-gal cube + 1x120-gal cube |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 01-13-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Met with Ray Tran, spoke with owner Andy Truong on the phone. CERS HMBP not yet started; Mr. Truong requests CERS link to be re-sent; RV FEE notice left with Mr. Tran. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-08-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |

**A T AUTO REPAIR CENTER LLC (Continued)** **S103317313**

| | |
|---|---|
| Eval Notes: | Andy Truong, Owner |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-09-2019 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Andy Truong, Owner. No significant violations observed at the time of inspection. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 12-26-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | CERS reviewed; HMBP accepted; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 12-15-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | 2nd revisit; met with Andy Truong; HMBP not accepted; assisted Mr. Truong with Site Map and Business Activities page; CERS went into weekly maintenance during process; Mr. Truong will continue in afternoon and notify Inspector; RV fee discussed with Mr. Truong; followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-08-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Andy Truong, Owner |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 03-09-2019 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Andy Truong, Owner. No significant violations observed at the time of inspection. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |

**A T AUTO REPAIR CENTER LLC (Continued)** **S103317313**

| | |
|---|---|
| Eval Date: | 01-13-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Reviewed HWTS, facility's new EPA ID is CAL000415789; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | ANDY TRUONG |
| Entity Title: | Not reported |
| Affiliation Address: | 9609 KLINGERMAN ST |
| Affiliation City: | S. EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9609 KLINGERMAN ST |
| Affiliation City: | S. EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | ANDY TRUONG |
| Entity Title: | OWNER |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | ANDY TRUONG |
| Entity Title: | Not reported |
| Affiliation Address: | 9609 kLINGERMAN ST |
| Affiliation City: | S. EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 448-9786 |

| | |
|---|---|
| Affiliation Type Desc: | Operator |
| Entity Name: | ANDY TRUONG |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |

**A T AUTO REPAIR CENTER LLC (Continued)** **S103317313**

| | |
|---|---|
| Affiliation Phone: | (626) 448-9786 |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | ANDY TRUONG |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | A T AUTO REPAIR CENTER |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |

---

**AG275** **MACHINE MASTERS** **WIP** **S102813182**
**ESE** **9639 RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.207 mi.**
**1093 ft.** **Site 1 of 5 in cluster AG**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

WIP:

| | |
|---|---|
| Name: | MACHINE MASTERS |
| Address: | 9639 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0666 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

**AH276** **ABC DISTRIBUTING** **WIP** **S106765314**
**NNW** **2501 ROSEMEAD BLVD** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.208 mi.**
**1096 ft.** **Site 1 of 3 in cluster AH**

**Relative:** WIP:
**Higher**
**Actual:** Name: ABC DISTRIBUTING
**240 ft.** Address: 2501 Rosemead Blvd
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0490
**File Status:** **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**AB277** **SERVEX CORP.** **WIP** **S106765964**
**ENE** **9620 KLINGERMAN ST** **N/A**
**1/8-1/4** **COVINA, CA 91724**
**0.208 mi.**
**1098 ft.** **Site 7 of 9 in cluster AB**

**Relative:** WIP:
**Higher**
**Actual:** Name: SERVEX CORP.
**244 ft.** Address: 9620 Klingerman St
City,State,Zip: COVINA, CA 91724
Region: 4
File Number: 107.1504
**File Status:** **Historical**
Staff: CORTEZ
Facility Suite: Not reported

---

**AA278** **WONG FAT TRADING CO.** **WIP** **S106765739**
**SE** **1822 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.208 mi.**
**1100 ft.** **Site 3 of 4 in cluster AA**

**Relative:** WIP:
**Lower**
**Actual:** Name: WONG FAT TRADING CO.
**233 ft.** Address: 1822 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1137
**File Status:** **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

**AD279** **ABC RESTAURANT EQUIPMENT** **RCRA NonGen / NLR** **1024759117**
**WSW** **2025 N. LEE AVE** **CAC002978964**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.210 mi.**
**1111 ft.** **Site 4 of 5 in cluster AD**

**Relative:**
**Lower**

**Actual:**
**229 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2018-09-05 00:00:00.0 |
| Facility name: | ABC RESTAURANT EQUIPMENT |
| Facility address: | 2025 N. LEE AVE<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAC002978964 |
| Contact: | BRIAN LIEN |
| Contact address: | 2025 N. LEE AVE<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-442-1821 |
| Contact email: | ABC4421821@GMAIL.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | BRIAN LIEN |
| Owner/operator address: | 2025 N. LEE AVE<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-442-1821 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | BRIAN LIEN |
| Owner/operator address: | 2025 N. LEE AVE<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-442-1821 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |

**ABC RESTAURANT EQUIPMENT (Continued)** **1024759117**

| | |
|---|---|
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

---

**AC280** **ROBERT BRKICH CONSTRUCTION** **LUST** **S100272212**
**ESE** **9638 RUSH ST** **Cortese** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.211 mi.** **WIP**
**1116 ft.** **Site 6 of 12 in cluster AC** **CERS**

**Relative:** **Higher**
**Actual:** **238 ft.**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | I-16223 | |
| Status: | Case Closed | |
| Substance: | Gasoline | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Soil | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603704396 | |
| W Global ID: | Not reported | |
| Staff: | UNK | |
| Local Agency: | 19000 | |
| Cross Street: | ROSEMEAD | |
| Enforcement Type: | 222 | |
| Date Leak Discovered: | 9/12/1991 | |
| Date Leak First Reported: | | 11/12/1991 |
| Date Leak Record Entered: | 12/20/1991 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | 9/12/1991 | |
| Date Case Last Changed on Database: | | 9/20/1993 |
| Date the Case was Closed: | | 9/16/1993 |
| How Leak Discovered: | Tank Closure | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | UNK | |
| Leak Source: | UNK | |
| Operator: | BRKICH, ROBERT | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 2371.897491408174189090078809 4 |
| Source of Cleanup Funding: | | UNK |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | 4/12/1991 |
| Pollution Characterization Began: | | Not reported |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | 1/1/1965 |
| Historical Max MTBE Date: | | Not reported |
| Hist Max MTBE Conc in Groundwater: | | Not reported |
| Hist Max MTBE Conc in Soil: | | Not reported |

**ROBERT BRKICH CONSTRUCTION (Continued)** **S100272212**

Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: ROBERT BRKICH CONSTRUCTION
RP Address: P.O. BOX 1546, ARCADIA, 91077
Program: LUST
Lat/Long: 34.0517335 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: OLD CASE #123191-04

CORTESE:
Name: ROBERT BRKICH CONSTRUCTION
Address: 9638 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603704396
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

LOS ANGELES CO. HMS:
Name: ROBERT BRKICH
Address: 9638 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: Not reported
Facility Id: 015175-016223
Facility Type: Not reported
Facility Status: Removed
Area: 3U
Permit Number: Not reported
Permit Status: Not reported

**ROBERT BRKICH CONSTRUCTION (Continued)** **S100272212**

WIP:
Name: BRKICH BROTHERS CORP.
Address: 9638 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1186
**File Status: Historical**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: ROBERT BRKICH CONSTRUCTION
Address: 9638 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 191783
CERS ID: T0603704396
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

**AC281** **ROBERT BRKICH CONSTRUCTION** **LUST** **S105025939**
**ESE** **9638 RUSH ST** **HIST CORTESE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.211 mi.**
**1116 ft.** **Site 7 of 12 in cluster AC**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

LUST:
Name: ROBERT BRKICH CONSTRUCTION
Address: 9638 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704396
Global Id: T0603704396
Latitude: 34.0518005
Longitude: -118.0585627
Status: Completed - Case Closed

**ROBERT BRKICH CONSTRUCTION (Continued)** **S105025939**

Status Date: 09/16/1993
Case Worker: JOA
RB Case Number: I-16223
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603704396
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704396
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704396
Action Type: Other
Date: 09/12/1991
Action: Leak Discovery

Global Id: T0603704396
Action Type: Other
Date: 09/12/1991
Action: Leak Stopped

Global Id: T0603704396
Action Type: Other
Date: 11/12/1991
Action: Leak Reported

LUST:
Global Id: T0603704396
Status: Open - Case Begin Date
Status Date: 04/12/1991

Global Id: T0603704396
Status: Open - Site Assessment
Status Date: 04/12/1991

Global Id: T0603704396
Status: Completed - Case Closed
Status Date: 09/16/1993

**ROBERT BRKICH CONSTRUCTION (Continued)** **S105025939**

HIST CORTESE:

| | |
|---|---|
| edr_fname: | ROBERT BRKICH CONSTRUCTIO |
| edr_fadd1: | 9638 RUSH |
| City,State,Zip: | S EL MONTE, CA 91733 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | I-16223 |

---

**AF282** **LEE'S PLUMBING** **HIST UST** **U001569474**
**WNW** **2407 LEE AVE** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.211 mi.**
**1116 ft.** **Site 4 of 6 in cluster AF**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

HIST UST:

| | |
|---|---|
| Name: | LEES PLUMBING |
| Address: | 2407 LEE AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000003835 |
| Facility Type: | Other |
| Other Type: | PLUMBING |
| Contact Name: | Not reported |
| Telephone: | 8184440528 |
| Owner Name: | JAMES ENLOE INC. |
| Owner Address: | 2407 N LEE AVE |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0001 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00005000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | None |

WIP:

| | |
|---|---|
| Name: | LEE'S PLUMBING |
| Address: | 2407 Lee Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1136 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

**AF283** **H P CUSTOM CARPENTRY INC** **UST** **U004050885**
**WNW** **2407 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.211 mi.**
**1116 ft.** **Site 5 of 6 in cluster AF**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

UST:

| | |
|---|---|
| Name: | H P CUSTOM CARPENTRY INC |
| Address: | 2407 LEE AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | 9168 |
| Permitting Agency: | LOS ANGELES COUNTY |
| Latitude: | 34.057088 |
| Longitude: | -118.06633 |

---

**AI284** **BELL CRAFT OFFICE FURNITURE, INC.** **CERS HAZ WASTE** **S106765410**
**East** **2200 CHICO AVE** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.212 mi.**
**1121 ft.** **Site 1 of 2 in cluster AI**

**Relative:**
**Higher**

**Actual:**
**242 ft.**

CERS HAZ WASTE:

| | |
|---|---|
| Name: | BELL CRAFT OFFICE FURNITURE, INC. |
| Address: | 2200 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 426201 |
| CERS ID: | 10744162 |
| CERS Description: | Hazardous Waste Generator |

Violations:

| | |
|---|---|
| Site ID: | 426201 |
| Site Name: | BELL CRAFT OFFICE FURNITURE, INC. |
| Violation Date: | 05-14-2018 |
| Citation: | 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a) |
| Violation Description: | Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste. |
| Violation Notes: | Returned to compliance on 07/18/2018. OBSERVATION: Uniform Hazardous Waste Manifests for [LIST HAZARDOUS WASTES] were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for [LIST HAZARDOUS WASTES] and submit copies to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 05-14-2018 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Gustavo Ulloa, Owner |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HW |
| Eval Source: | CERS |

Coordinates:

**BELL CRAFT OFFICE FURNITURE, INC. (Continued)** **S106765410**

Site ID: 426201
Facility Name: BELL CRAFT OFFICE FURNITURE, INC.
Env Int Type Code: HWG
Program ID: 10744162
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.054100
Longitude: -118.058570

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2200 CHINO AVENUE
Affiliation City: SOUTH EL MONTE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

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

Affiliation Type Desc: Identification Signer
Entity Name: Jon Gypsyn
Entity Title: Env. Engineer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: BELL CRAFT OFFICE FURNITURE, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

**BELL CRAFT OFFICE FURNITURE, INC. (Continued)** **S106765410**

| | |
|---|---|
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (951) 741-0507 |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | BELL CRAFT OFFICE FURNITURE, INC. |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | GUS Sr. |
| Entity Title: | Not reported |
| Affiliation Address: | 2200 CHINO AVENUE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (951) 741-0507 |

WIP:

| | |
|---|---|
| Name: | BETTER ENGINEERED CONTROLS |
| Address: | 2200 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0634 |
| **File Status:** | **Historical** |
| Staff: | ACARLOS |
| Facility Suite: | Not reported |

---

**X285** **JJ FURNITURE CO.** **WIP** **S106766041**
**NNE** **2457 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.213 mi.**
**1123 ft.** **Site 15 of 18 in cluster X**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

WIP:

| | |
|---|---|
| Name: | JJ FURNITURE CO. |
| Address: | 2457 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1616 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

**X286** **T&T FABRICATING** **WIP** **S106765843**
**NNE** **2457 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.213 mi.**
**1123 ft.** **Site 16 of 18 in cluster X**

**Relative:** WIP:
**Higher**
**Actual:** Name: T&T FABRICATING
**245 ft.** Address: 2457 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1315
**File Status:** **Historical**
Staff: PAR
Facility Suite: 3/4

---

**X287** **TOOL & DIE WELDING CO.** **WIP** **S106766036**
**NNE** **2457 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.213 mi.**
**1123 ft.** **Site 17 of 18 in cluster X**

**Relative:** WIP:
**Higher**
**Actual:** Name: TOOL & DIE WELDING CO.
**245 ft.** Address: 2457 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1611
**File Status:** **Historical**
Staff: DRASMUSS
Facility Suite: 1/2

---

**AJ288** **K. L. ENTERPRISES** **WIP** **S106766186**
**NNE** **2459 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.214 mi.**
**1129 ft.** **Site 1 of 13 in cluster AJ**

**Relative:** WIP:
**Higher**
**Actual:** Name: K. L. ENTERPRISES
**245 ft.** Address: 2459 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2171
**File Status:** **Historical**
Staff: GMM
Facility Suite: Not reported

**AJ289**
**NNE**
**1/8-1/4**
**0.214 mi.**
**1129 ft.**

**SMITH INDUSTRIAL TIRES, INC.**
**2459 CHICO AVE**
**SOUTH EL MONTE, CA 91733**

**Site 2 of 13 in cluster AJ**

**Database(s):** **WIP**
**EDR ID Number:** **S106765787**
**EPA ID Number:** **N/A**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

WIP:

| | |
|---|---|
| Name: | SMITH INDUSTRIAL TIRES, INC. |
| Address: | 2459 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1228 |
| **File Status:** | **Historical** |
| Staff: | PAR |
| Facility Suite: | 1/2 |

---

**AJ290**
**NNE**
**1/8-1/4**
**0.214 mi.**
**1129 ft.**

**SENSITIVE ENVIRONMENT**
**2459 1/2 CHICO AVE**
**SOUTH EL MONTE, CA 91733**

**Site 3 of 13 in cluster AJ**

**Database(s):** **HWT**
**WIP**
**EDR ID Number:** **S106765503**
**EPA ID Number:** **N/A**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

HWT:

| | |
|---|---|
| Name: | SENSITIVE ENVIRONMENT |
| Address: | 2459 1/2 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Reg Num: | 6358 |
| Expiration Date: | 07/31/2020 |

WIP:

| | |
|---|---|
| Name: | COUNTRY OAK MANUFACTURING INC. |
| Address: | 2459 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0774 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

---

**AJ291**
**NNE**
**1/8-1/4**
**0.214 mi.**
**1129 ft.**

**SENSITIVE ENVIRONMENT**
**2459 1/2 CHICO AVE**
**SOUTH EL MONTE, CA 91733**

**Site 4 of 13 in cluster AJ**

**Database(s):** **RCRA NonGen / NLR**
**EDR ID Number:** **1024849045**
**EPA ID Number:** **CAL000405201**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2015-03-13 00:00:00.0 |
| Facility name: | SENSITIVE ENVIRONMENT |
| Facility address: | 2459 1/2 CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAL000405201 |
| Contact: | JORGE ALVARADO |
| Contact address: | 2459 1/2 CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-444-4564 |
| Contact email: | SENSITIVEENVIRONMENT@GMAIL.COM |
| EPA Region: | 09 |

**SENSITIVE ENVIRONMENT (Continued)** **1024849045**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JORGE ALVARADO
Owner/operator address: 2459 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-444-4564
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NORMA JEAN PAEZ
Owner/operator address: 2459 1/2 CHICO AVE
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-444-4564
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

**X292** **AMEX DIE CUTTING SERVICES** **WIP** **S106765360**
**NE** **2454 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.214 mi.**
**1130 ft.** **Site 18 of 18 in cluster X**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

WIP:
Name: AMEX DIE CUTTING SERVICES
Address: 2454 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0556
**File Status:** **Historical**
Staff: CCC
Facility Suite: Not reported

---

**AJ293** **ELDON DRAPERY CLEANERS** **DRYCLEANERS** **S105030847**
**NNE** **2461 CHICO AVE** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **HWTS**
**0.215 mi.**
**1136 ft.** **Site 5 of 13 in cluster AJ**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

DRYCLEANERS:
Name: ELDON DRAPERY CLEANERS
Address: 2461 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA Id: CAL000220554
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 06/08/2001
Facility Active: No
Inactive Date: 06/30/2002
Facility Addr2: Not reported
Owner Name: SAMANTHA TAI
Owner Address: 2461 CHICO AVE
Owner Address 2: Not reported
Owner Telephone: 6264446655
Contact Name: CHARLENE ELKINS-MGR
Contact Address: 2461 CHICO AVE
Contact Address 2: Not reported
Contact Telephone: 6264446655
Mailing Name: Not reported
Mailing Address 1: 2461 CHICO AVE
Mailing Address 2: Not reported
Mailing City: SOUTH EL MONTE
Mailing State: CA
Mailing Zip: 917330000
Owner Fax: Not reported
Region Code: 3

WIP:
Name: GENERAL ENAMELING CO.
Address: 2461 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0154
**File Status:** **Historical**

**ELDON DRAPERY CLEANERS (Continued)** **S105030847**

Staff: GMM
Facility Suite: Not reported

Name: I.G. WELDING
Address: 2461 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1398
**File Status: Historical**
Staff: PAR
Facility Suite: Not reported

HWTS:

| | |
|---|---|
| Name: | ELDON DRAPERY CLEANERS |
| Address: | 2461 CHICO AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| EPA ID: | CAL000220554 |
| Inactive Date: | 06/30/2002 |
| Create Date: | 06/08/2001 |
| Last Act Date: | 04/24/2003 |
| Mailing Name: | Not reported |
| Mailing Address: | 2461 CHICO AVE |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Owner Name: | SAMANTHA TAI |
| Owner Address: | 2461 CHICO AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | SOUTH EL MONTE, CA 917330000 |
| Contact Name: | CHARLENE ELKINS-MGR |
| Contact Address: | 2461 CHICO AVE |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917330000 |

NAICS:

| | |
|---|---|
| EPA ID: | CAL000220554 |
| Create Date: | 2002-03-14 16:36:29 |
| NAICS Code: | 81232 |
| NAICS Description: | Drycleaning and Laundry Services (except Coin-Operated) |
| Issued EPA ID Date: | 2001-06-08 00:00:00 |
| Inactive Date: | 2002-06-30 00:00:00 |
| Facility Name: | ELDON DRAPERY CLEANERS |
| Facility Address: | 2461 CHICO AVE |
| Facility Address 2: | Not reported |
| Facility City: | SOUTH EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 917330000 |

**AJ294** **ELDON DRAPERY CLEANERS** **EDR Hist Cleaner** **1018587025**
**NNE** **2461 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.215 mi.**
**1136 ft.** **Site 6 of 13 in cluster AJ**

**Relative:** EDR Hist Cleaner
**Higher**

**Actual:**
**245 ft.**

| Year: | Name: | Type: |
|---|---|---|
| 2001 | SEARS ROEBUCK AND CO INC | Drycleaning Plants, Except Rugs, NEC |
| 2002 | ELDON DRAPERY CARPET UPHOLSTER | Drycleaning Plants, Except Rugs |
| 2002 | SEARS ROEBUCK AND CO INC | Drycleaning Plants, Except Rugs, NEC |
| 2003 | SEARS ROEBUCK AND CO INC | Drycleaning Plants, Except Rugs, NEC |
| 2003 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2004 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2004 | SEARS ROEBUCK AND CO INC | Drycleaning Plants, Except Rugs, NEC |
| 2005 | SEARS ROEBUCK AND CO | Drycleaning Plants, Except Rugs, NEC |
| 2005 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2006 | SEARS ROEBUCK AND CO | Drycleaning Plants, Except Rugs, NEC |
| 2006 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2007 | SEARS ROEBUCK AND CO | Drycleaning Plants, Except Rugs, NEC |
| 2007 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2008 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2008 | SEARS ROEBUCK AND CO | Drycleaning Plants, Except Rugs, NEC |
| 2009 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2010 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2011 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2012 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2013 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |
| 2014 | ELDON DRAPERY CLEANERS | Drycleaning Plants, Except Rugs, NEC |

---

**AJ295** **PAUL PACIFIC PLUMBING** **CPS-SLIC** **S106766187**
**NNE** **2463 CHICO AVE** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CERS**
**0.216 mi.**
**1142 ft.** **Site 7 of 13 in cluster AJ**

**Relative:** CPS-SLIC:
**Higher**

**Actual:**
**245 ft.**

| | |
|---|---|
| Name: | GENERAL ENAMELING COMPANY |
| Address: | 2463 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 03/12/2015 |
| Global Id: | SL603798827 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.057385 |
| Longitude: | -118.061213 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.2174 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

**PAUL PACIFIC PLUMBING (Continued)** **S106766187**

WIP:
Name: PAUL PACIFIC PLUMBING
Address: 2463 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2172
**File Status: Historical**
Staff: BPONEK
Facility Suite: 1/2

CERS:
Name: GENERAL ENAMELING COMPANY
Address: 2463 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 191647
CERS ID: SL603798827
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

**AJ296** **GENERAL ENAMELING COMPANY** **WIP** **S106484636**
**NNE** **2463 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.216 mi.**
**1142 ft.** **Site 8 of 13 in cluster AJ**

**Relative: Higher**
**Actual: 245 ft.**

WIP:
Name: GENERAL ENAMELING COMPANY
Address: 2463 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2174
**File Status: Active**
Staff: REHE
Facility Suite: Not reported

**AF297** **MARCOR OF CALIF.** **WIP** **S106765755**
**WNW** **2413 LEE AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.216 mi.**
**1143 ft.** **Site 6 of 6 in cluster AF**

**Relative:** **Lower**
**Actual:** **236 ft.**

WIP:

| | |
|---|---|
| Name: | MARCOR OF CALIF. |
| Address: | 2413 Lee Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1165 |
| **File Status:** | **Historical** |
| Staff: | BPONEK |
| Facility Suite: | Not reported |

---

**AJ298** **CEMCO** **WIP** **S107257117**
**NNE** **2465 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.217 mi.**
**1148 ft.** **Site 9 of 13 in cluster AJ**

**Relative:** **Higher**
**Actual:** **245 ft.**

WIP:

| | |
|---|---|
| Name: | CEMCO |
| Address: | 2465 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2180 |
| **File Status:** | **Historical** |
| Staff: | CCC |
| Facility Suite: | 1/2 |

---

**AJ299** **C K M** **WIP** **S105086260**
**NNE** **2465 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.217 mi.**
**1148 ft.** **Site 10 of 13 in cluster AJ**

**Relative:** **Higher**
**Actual:** **245 ft.**

WIP:

| | |
|---|---|
| Name: | C K M |
| Address: | 2465 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0675 |
| **File Status:** | **Historical** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

**AB300** **PACIFIC MARINE SYSTEMS** **RCRA NonGen / NLR** **1024797916**
**NE** **9619 KLINGERMAN ST** **CAL000194248**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.219 mi.**
**1156 ft.** **Site 8 of 9 in cluster AB**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 1998-05-07 00:00:00.0 |
| Facility name: | PACIFIC MARINE SYSTEMS |
| Facility address: | 9619 KLINGERMAN ST<br>SOUTH EL MONTE, CA 91733-0000 |
| EPA ID: | CAL000194248 |
| Contact: | STEPHEN HENDERSON - PRES |
| Contact address: | 3107 REDWOOD AVE<br>ONTARIO, CA 91762 |
| Contact country: | Not reported |
| Contact telephone: | 909-210-7192 |
| Contact email: | DEAN.VITO@PACIFICMARINESYSTEMS.NET |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | STEPHEN HENDERSON - PRES |
| Owner/operator address: | 3107 REDWOOD AVE<br>ONTARIO, CA 91762 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 909-210-7192 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | ADVANCED STRUCTURE CORP |
| Owner/operator address: | 9619 KLINGERMAN ST<br>SOUTH EL MONTE, CA 91733 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-969-1851 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Other |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |

**PACIFIC MARINE SYSTEMS (Continued)** **1024797916**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

---

**AB301** **MIKE'S MICRO PARTS** **WIP** **S104581922**
**NE** **9619 KLINGERMAN ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.219 mi.**
**1156 ft.** **Site 9 of 9 in cluster AB**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

WIP:
Name: MIKE'S MICRO PARTS
Address: 9619 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1207
**File Status: Historical**
Staff: GMM
Facility Suite: Not reported

---

**AG302** **ENGINEERING DESIGN IND INC** **CERS HAZ WASTE** **S123508100**
**ESE** **9649 RUSH ST** **CERS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.221 mi.**
**1169 ft.** **Site 2 of 5 in cluster AG**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

CERS HAZ WASTE:
Name: ENGINEERING DESIGN IND INC
Address: 9649 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 28402
CERS ID: 10283983
CERS Description: Hazardous Waste Generator

CERS:
Name: ENGINEERING DESIGN IND INC
Address: 9649 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 28402
CERS ID: 10283983
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 28402
Site Name: ENGINEERING DESIGN IND INC
Violation Date: 07-17-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted

**ENGINEERING DESIGN IND INC (Continued)** **S123508100**

for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 10/11/2017. OBSERVATION: Copies of manifest/receipts showing disposal of hazardous waste were not available for review. CORRECTIVE ACTION: Mail or email the most recent receipt/manifest showing disposal of waste oil.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 28402
Site Name: ENGINEERING DESIGN IND INC
Violation Date: 07-17-2017
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 10/11/2017. OBSERVATION: EPA ID number CAL000160005 registered under Engineering Design is inactive CORRECTIVE ACTION: Re-activate your EPA ID number with DTSC.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 28402
Site Name: ENGINEERING DESIGN IND INC
Violation Date: 05-28-2014
Citation: HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description: Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes: Returned to compliance on 09/12/2014. OBSERVATION: Owner/Operator failed to include adequate emergency response procedures in the business plan for a release or threatened release. CORRECTIVE ACTION: Include and submit adequate emergency response procedures in the business plan for a release or threatened release.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: DUC LE NO SIGNIFICANT VIOLATIONS OBSERVED
Eval Division: Los Angeles County Fire Department

**ENGINEERING DESIGN IND INC (Continued)** **S123508100**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-12-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-17-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: DUC LE
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-11-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 28402
Site Name: ENGINEERING DESIGN IND INC
Site Address: 9649 RUSH ST
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 05-28-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

**ENGINEERING DESIGN IND INC (Continued)** **S123508100**

| | |
|---|---|
| Entity Title: | Not reported |
| Affiliation Address: | 9649 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | Engineering Design Industries Inc. |
| Entity Title: | Not reported |
| Affiliation Address: | 9649 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 443-7741 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | Duc Le |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 443-7741 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | Duc Le |
| Entity Title: | Not reported |
| Affiliation Address: | 9649 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Document Preparer |
| Entity Name: | Chris Tran |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**ENGINEERING DESIGN IND INC (Continued)** **S123508100**

| | |
|---|---|
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | Duc Le |
| Entity Title: | Director of Operations |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | ENGINEERING DESIGN IND INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**AC303** **TRU ETCH NAME PLATE COMPANY** **WIP** **S106766048**
**ESE** **9643 RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.224 mi.**
**1181 ft.** **Site 8 of 12 in cluster AC**

**Relative:** **Higher**
**Actual:** **239 ft.**

WIP:

| | |
|---|---|
| Name: | TRU ETCH NAME PLATE COMPANY |
| Address: | 9643 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1624 |
| **File Status:** | **Historical** |
| Staff: | ACARLOS |
| Facility Suite: | Not reported |

---

**AA304** **TED LEVINE DRUM CO** **AST** **S105939902**
**SSE** **1729 CHICO AVE** **CERS HAZ WASTE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CERS TANKS**
**0.224 mi.** **EMI**
**1185 ft.** **Site 4 of 4 in cluster AA** **CERS**

**Relative:** **Lower**
**Actual:** **232 ft.**

AST:

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AVE |
| City/Zip: | SOUTH EL MONTE,91733 |
| Certified Unified Program Agencies: | Not reported |
| Owner: | OZZIE LEVINE |
| Total Gallons: | Not reported |
| CERSID: | 10285462 |
| Facility ID: | LACoFA0007427 |
| Business Name: | TED LEVINE DRUM CO |
| Phone: | (626) 579-1084 |
| Fax: | (626) 579-9176 |
| Mailing Address: | 1817 CHICO AVE |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Mailing Address City: | SOUTH EL MONTE |
| Mailing Address State: | CA |
| Mailing Address Zip Code: | 91733 |
| Operator Name: | OZZIE LEVINE |
| Operator Phone: | (626) 579-1084 |
| Owner Phone: | (626) 579-1084 |
| Owner Mail Address: | 1817 CHICO AVENUE |
| Owner State: | CA |
| Owner Zip Code: | 91733 |
| Owner Country: | United States |
| Property Owner Name: | Not reported |
| Property Owner Phone: | Not reported |
| Property Owner Mailing Address: | Not reported |
| Property Owner City: | Not reported |
| Property Owner Stat : | Not reported |
| Property Owner Zip Code: | Not reported |
| Property Owner Country: | Not reported |
| EPAID: | CAD106854177 |

CERS HAZ WASTE:

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 403587 |
| CERS ID: | 10285462 |
| CERS Description: | Hazardous Waste Onsite Treatment |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 403587 |
| CERS ID: | 10285462 |
| CERS Description: | Hazardous Waste Generator |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 403587 |
| CERS ID: | 10285462 |
| CERS Description: | RCRA LQ HW Generator |

CERS TANKS:

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 403587 |
| CERS ID: | 10285462 |
| CERS Description: | Aboveground Petroleum Storage |

EMI:

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1990 |
| County Code: | 19 |
| Air Basin: | SC |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Facility ID: | 71797 |
| Air District Name: | SC |
| SIC Code: | 5085 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 10 |
| Reactive Organic Gases Tons/Yr: | 2 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1996 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 71797 |
| Air District Name: | SC |
| SIC Code: | 5085 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 17 |
| Reactive Organic Gases Tons/Yr: | 3 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 1 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1997 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 71797 |
| Air District Name: | SC |
| SIC Code: | 5085 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 15 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Year: | 1998 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 71797 |
| Air District Name: | SC |
| SIC Code: | 5085 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 11 |
| Reactive Organic Gases Tons/Yr: | 6 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1999 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 71797 |
| Air District Name: | SC |
| SIC Code: | 5085 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 15 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2000 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 71797 |
| Air District Name: | SC |
| SIC Code: | 5085 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 15 |
| Reactive Organic Gases Tons/Yr: | 7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2009 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 71797 |
| Air District Name: | SC |
| SIC Code: | 7699 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.53239037594111804 |
| Reactive Organic Gases Tons/Yr: | 0.41465200000000002 |
| Carbon Monoxide Emissions Tons/Yr: | 0.80000000000000004 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.95999999999999996 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.00579 |
| Particulate Matter Tons/Yr: | 6.2759999999999996E-2 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.0626496 |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2010 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 71797 |
| Air District Name: | SC |
| SIC Code: | 7699 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.27094941345290502 |
| Reactive Organic Gases Tons/Yr: | 0.10629 |
| Carbon Monoxide Emissions Tons/Yr: | 0.45008999999999999 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0.83662000000000003 |
| SOX - Oxides of Sulphur Tons/Yr: | 4.4000000000000003E-3 |
| Particulate Matter Tons/Yr: | 0.34453 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.33296759999999997 |

| | |
|---|---|
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2011 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 71797 |
| Air District Name: | SC |
| SIC Code: | 7699 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.35099458872 |
| Reactive Organic Gases Tons/Yr: | 0.15522 |
| Carbon Monoxide Emissions Tons/Yr: | 0.64673 |
| NOX - Oxides of Nitrogen Tons/Yr: | 3.4527e-010 |
| SOX - Oxides of Sulphur Tons/Yr: | 0.00608 |

**TED LEVINE DRUM CO (Continued)** **S105939902**

Particulate Matter Tons/Yr: 0.614
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.59251

CERS:
Name: TED LEVINE DRUM CO
Address: 1729 CHICO AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 403587
CERS ID: 10285462
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 08-31-2016
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/27/2016. OBSERVATION: Large tanks (wastewater and oily water) at steel drum waste treatment area were marked with contents that appeared to be inconsistent with submitted process diagrams/flowcharts. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 08-31-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 10/20/2016. OBSERVATION: The business plan has not been updated and submitted to this department within 30 days of change of address, undisclosed material, and increase in inventory. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 11-05-2019
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| | 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if the waste generated is a hazardous waste. |
| Violation Notes: | OBSERVATION: 1. Observed (8) x 275-gallon totes containing spent solution from the caustic flusher, near the waste oil storage tanks. The totes were labeled as non-hazardous. 2. Observed (15) x 275 -gallon totes containing waste water solution to be processed near the IBC/poly drum waste water treatment system. The totes were labeled as non- hazardous. CORRECTIVE ACTION: Provide hazardous waste determination on the contents of the totes. Test for CAM 17 metals, toxicity and pH. If determined to be hazardous waste then you must manage it as such. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 09-07-2016 |
| Citation: | 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7) |
| Violation Description: | Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number. |
| Violation Notes: | Returned to compliance on 10/18/2016. OBSERVATION: The owner or operator failed to permanently mark the exterior of the treatment unit. The owner or operator of a treatment unit deemed to hold a permit by rule shall permanently mark the exterior of each treatment unit with the name of the person which owns or operates the treatment unit, facility identification number and an individual serial number. CORRECTIVE ACTIONS: Ensure that the HW treatment unit meets all of the requirements listed. Provide supporting documentation that demonstrates compliance with the requirements to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 11-05-2019 |
| Citation: | 22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h) |
| Violation Description: | Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer’s assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite. |
| Violation Notes: | OBSERVATION: A hazardous waste tank reassessment has not been conducted within 5 years of the previous tank system assessment or within the remaining service life of the tank system as stated in the engineer’s report, whichever is less. CORRECTIVE ACTION: Obtain a written hazardous waste tank system reassessment in accordance with 22 CCR 15 66265.192 and submit a copy to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |

**TED LEVINE DRUM CO (Continued)** **S105939902**

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 08-31-2016
Citation: 22 CCR 12 66262.27(b) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.27(b)
Violation Description: Failure of a small quantity hazardous waste generator to certify to the following statement on the Uniform Hazardous Waste Manifest: "I am a small quantity generator. I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford."
Violation Notes: Returned to compliance on 09/20/2016. OBSERVATION: The facility did not have recent records (lab analysis) to determine if the following wastes are hazardous: aqueous waste caustic flush in holding tank #7 (from poly drum pre-flusher); waste caustic solution from poly drum stripper; wastewater in Holding Tank #3 (from IBC/food grade wash); waste sludge from treatment tank; waste process water from IBC/poly drum line and steel drum line; waste aqueous caustic solution in holding tank #2 and waste sludge from treatment tank at the steel drum line. Any person who generates a waste shall determine if the waste is a hazardous waste. CORRECTIVE ACTION: Conduct a hazardous waste determination on the aforementioned waste caustic solution holding tanks and stripper waste, wastewater, and sludge. Have a California certified laboratory perform a pH test and Total Threshold Limit Concentration (TTLC) and Soluble Threshold Limit Concentration (STLC)(if required) analysis and a fluoride salts test. The waste caustic [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 07-18-2013
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Tiered Permitting Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/14/2015. Facility failed to complete treatment unit forms via CERS per CCR 67450.3(c)(1).
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 09-07-2016
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure to include all required information in the tank system assessment.
Violation Notes: Returned to compliance on 09/27/2016. OBSERVATION: Facility does not have a hazardous waste tank system assessment for the following tanks: waste oil tank (white); wastewater/oil tank (blue), metal tanks (drip pans) at drum decanting and caustic flush areas; bermed floor beneath the drum staging, decanting, and flushing areas; wastewater collection sump along the west wall of the flushing area. The owner or operator of a hazardous waste tank system shall obtain a written assessment reviewed and certified by an independent, qualified, professional

**TED LEVINE DRUM CO (Continued)** **S105939902**

engineer, registered in California, attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the aforementioned hazardous waste tank systems. Submit a schedule showing when this will be accomplished to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 07-18-2013
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Tiered Permitting Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/14/2015. Facility failed to submit the tiered permitting Phase I Environmental Checklist per CCR 67450.7(2).
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 07-18-2013
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Tiered Permitting Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/14/2015. Facility failed to prepare and maintain written operating instructions.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 08-31-2016
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 09/27/2016. OBSERVATION: Waste oil in spill pallet beneath the used oil drums at HW storage area. In addition, evidence of leak found on piping or valve for sodium hydroxide tank (Tank #6) in the form of crystals around the piping and on the floor. Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water which could threaten human health or the environment. CORRECTIVE ACTION: Immediately [fix leak, clean stains, etc.], and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed by [date, 30 days from now].
Violation Division: Los Angeles County Fire Department

**TED LEVINE DRUM CO (Continued)** **S105939902**

Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 09-07-2016
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: APSA Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/18/2016. OBSERVATION: Facility does not meet Tier I requirements. CORRECTIVE ACTION: Either come into compliance with Tier I requirements or prepare SPCC in accordance with Tier II or Non-Qualified Facility requirements.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 07-18-2013
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 01/14/2015. Facility failed to provide RCRA-LQG training for all personnel.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 11-05-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Violation Notes: | OBSERVATION: Observed roll off bin containing hazardous waste sludge without hazardous label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 09-07-2016 |
| Citation: | 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2) |
| Violation Description: | Failure to adjust Closure Costs for inflation / deflation by March 1st |
| Violation Notes: | Returned to compliance on 10/18/2016. OBSERVATION: Owner/Operator or Generator did not adjust for Inflation/Deflation by March 1 of each year CORRECTIVE ACTION: Ensure that the adjustment for the closure costs are completed by March 1 of each year. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 11-05-2019 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date. |
| Violation Notes: | OBSERVATION: Observed holding tanks of hazardous waste in the IBC and Poly drum waste water treatment system without hazardous waste labels. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that these tanks have been properly labeled. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 08-31-2016 |
| Citation: | 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k) |
| Violation Description: | Failure to include all required information in the new tank system assessment. |
| Violation Notes: | Returned to compliance on 09/27/2016. OBSERVATION: Facility does not have a hazardous waste tank system assessment for the following tanks: waste oil tank (white); wastewater/oil tank (blue), metal tanks (drip pans) at drum decanting and caustic flush areas; bermed floor beneath the drum staging, decanting, and flushing areas; wastewater collection sump along the west wall of the flushing area. The owner or operator of a hazardous waste tank system shall obtain a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California, attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the aforementioned |

**TED LEVINE DRUM CO (Continued)** **S105939902**

hazardous waste tank systems. Submit a schedule showing when this will be accomplished to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 07-18-2013
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Tiered Permitting Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 01/14/2015. Facility failed to post sign reading "Danger Hazardous Waste Area" per CCR 67450.3(c)(9)(A).
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 11-05-2019
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review of SPCC Plan and submit verification of proper completion.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 08-31-2016
Citation: HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21
Violation Description: Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14).
Violation Notes: Returned to compliance on 01/08/2017. OBSERVATION: A source reduction evaluation review and plan for 2015 was not prepared. On or before September 1, 1991, and every four years thereafter, each generator shall conduct a source reduction evaluation review and plan pursuant to section 67100.5 and have it available for inspection. CORRECTIVE ACTION: Immediately prepare this report and ensure that this report is done in a timely manner.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 08-31-2016
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Violation Description: | Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. |
| Violation Notes: | Returned to compliance on 09/27/2016. OBSERVATION: Employee training is incomplete or inadequate. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and the name of [Truncated] |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 11-05-2019 |
| Citation: | Un-Specified |
| Violation Description: | RCRA Large Quantity Generator - Administration/Documentation - General Local Ordinance |
| Violation Notes: | OBSERVATION: Biennial Report, summary Progress Report and SB-14 were not reviewed during the inspection. CORRECTIVE ACTION: Provide the following to the CUPA for review: 1. SB-14 2. Summary Progress Report 3. Biennial Report |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 07-18-2013 |
| Citation: | HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a) |
| Violation Description: | Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |
| Violation Notes: | Returned to compliance on 01/14/2015. Facility failed to submit HMBP into CERS. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Violation Date: | 11-05-2019 |
| Citation: | 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F) |
| Violation Description: | Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite. |
| Violation Notes: | OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 08-31-2016 |
| Citation: | 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173 |
| Violation Description: | Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak. |
| Violation Notes: | Returned to compliance on 09/27/2016. OBSERVATION: Used oil drum at maintenance shop was not covered. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |

Evaluation:

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 01-19-2017 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Reviewed SB14 emailed by Tom Campbell; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Eval Notes: | Inspected by J. Rooney Consent given by Tom Campbell |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-07-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 12-29-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Closure Cost Estimate and photos of labeled HW treatment units submitted via email on 10/18/16, reviewed; Tank Assessment dated 11/7/13 received via email on 9/27/16, reviewed; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | CERS |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 12-28-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | CERS reviewed; complete Inventory updated. NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 12-29-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Full SPCC Plan submitted, reviewed; NOV abated. |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspected by J. Rooney Consent given by Tom Campbell |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | PBR unit determination |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspected by J. Rooney Consent given by Tom Campbell |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-31-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-07-2016 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-07-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Eval General Type: | Other/Unknown |
| Eval Date: | 09-27-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Waste oil removed from spill pallet; NaOH crystals cleaned up and placed in tank; used oil drum covered; HW labels applied on all HW containers; employee training certificates and records reviewed; finalizing tank assessment, SB-14, and HW determination for treatment tank sludge and Holding Tank #2 at steel drum treatment area; followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-05-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | TOM CAMPBELL |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspected by J. Rooney Consent given by Tom Campbell |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-19-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-31-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |

| | |
|---|---|
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-27-2016 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |

**TED LEVINE DRUM CO (Continued)** **S105939902**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: TOM CAMPBELL NO SIGNIFICANT VIOLATIONS OBSERVED
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: TOM CAMPBELL
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: TOM CAMPBELL
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-29-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HW determination on 9/20/16, analytical results submitted on 10/18/16; Tank Assessment dated 11/7/13 received via email on 9/27/16, reviewed; SB14 pending revision; emailed Mr. Tom Campbell for update; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 403587
Site Name: TED LEVINE DRUM CO
Site Address: 1729 CHICO AVE
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 07-18-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO

**TED LEVINE DRUM CO (Continued)** **S105939902**

Site Address: 1729 CHICO AVE
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 07-18-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Site Address: 1729 CHICO AVE
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 07-18-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: PBR
Enf Action Source: CERS

Coordinates:
Site ID: 403587
Facility Name: TED LEVINE DRUM CO
Env Int Type Code: APSA
Program ID: 10285462
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.049040
Longitude: -118.060580

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Document Preparer
Entity Name: George Oney, P.E. - Omega Technical Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Entity Name: | TED LEVINE DRUM CO |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Ozzie Levine |
| Entity Title: | Not reported |
| Affiliation Address: | 1817 Chico Ave. |
| Affiliation City: | So. El Monte |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 579-1084 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | TOM CAMPBELL |
| Entity Title: | Not reported |
| Affiliation Address: | 1817 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | TOM CAMPBELL |
| Entity Title: | Not reported |
| Affiliation Address: | 1817 CHICO AVE |
| Affiliation City: | SOUTHELMONTE |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | DAVID LEVINE |
| Entity Title: | VP OF OPERATION |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 1817 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | OZZIE LEVINE |
| Entity Title: | Not reported |
| Affiliation Address: | 1817 CHICO AVENUE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 579-1084 |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | David Levine |
| Entity Title: | Vice President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Tom Campbell |
| Entity Title: | Plant Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Operator |
| Entity Name: | OZZIE LEVINE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 579-1084 |
| Name: | TED LEVINE DRUM CO |
| Address: | 1729 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 403587 |
| CERS ID: | 110002420112 |
| CERS Description: | US EPA Air Emission Inventory System (EIS) |

Violations:

| | |
|---|---|
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 08-31-2016 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| | generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | Returned to compliance on 09/27/2016. OBSERVATION: Large tanks (wastewater and oily water) at steel drum waste treatment area were marked with contents that appeared to be inconsistent with submitted process diagrams/flowcharts. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 08-31-2016 |
| Citation: | HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f) |
| Violation Description: | Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan. |
| Violation Notes: | Returned to compliance on 10/20/2016. OBSERVATION: The business plan has not been updated and submitted to this department within 30 days of change of address, undisclosed material, and increase in inventory. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 11-05-2019 |
| Citation: | 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11 |
| Violation Description: | Failure to determine if the waste generated is a hazardous waste. |
| Violation Notes: | OBSERVATION: 1. Observed (8) x 275-gallon totes containing spent solution from the caustic flusher, near the waste oil storage tanks. The totes were labeled as non-hazardous. 2. Observed (15) x 275 -gallon totes containing waste water solution to be processed near the IBC/poly drum waste water treatment system. The totes were labeled as non- hazardous. CORRECTIVE ACTION: Provide hazardous waste determination on the contents of the totes. Test for CAM 17 metals, toxicity and pH. If determined to be hazardous waste then you must manage it as such. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 09-07-2016 |
| Citation: | 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| | Chapter 45, Section(s) 67450.3(c)(7) |
| Violation Description: | Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number. |
| Violation Notes: | Returned to compliance on 10/18/2016. OBSERVATION: The owner or operator failed to permanently mark the exterior of the treatment unit. The owner or operator of a treatment unit deemed to hold a permit by rule shall permanently mark the exterior of each treatment unit with the name of the person which owns or operates the treatment unit, facility identification number and an individual serial number. CORRECTIVE ACTIONS: Ensure that the HW treatment unit meets all of the requirements listed. Provide supporting documentation that demonstrates compliance with the requirements to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 11-05-2019 |
| Citation: | 22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h) |
| Violation Description: | Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite. |
| Violation Notes: | OBSERVATION: A hazardous waste tank reassessment has not been conducted within 5 years of the previous tank system assessment or within the remaining service life of the tank system as stated in the engineer's report, whichever is less. CORRECTIVE ACTION: Obtain a written hazardous waste tank system reassessment in accordance with 22 CCR 15 66265.192 and submit a copy to the CUPA. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 08-31-2016 |
| Citation: | 22 CCR 12 66262.27(b) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.27(b) |
| Violation Description: | Failure of a small quantity hazardous waste generator to certify to the following statement on the Uniform Hazardous Waste Manifest: "I am a small quantity generator. I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford." |
| Violation Notes: | Returned to compliance on 09/20/2016. OBSERVATION: The facility did not have recent records (lab analysis) to determine if the following wastes are hazardous: aqueous waste caustic flush in holding tank #7 (from poly drum pre-flusher); waste caustic solution from poly drum stripper; wastewater in Holding Tank #3 (from IBC/food grade wash); waste sludge from treatment tank; waste process water from IBC/poly drum line and steel drum line; waste aqueous caustic solution in holding tank #2 and waste sludge from treatment tank at the steel drum |

**TED LEVINE DRUM CO (Continued)** **S105939902**

line. Any person who generates a waste shall determine if the waste is a hazardous waste. CORRECTIVE ACTION: Conduct a hazardous waste determination on the aforementioned waste caustic solution holding tanks and stripper waste, wastewater, and sludge. Have a California certified laboratory perform a pH test and Total Threshold Limit Concentration (TTLC) and Soluble Threshold Limit Concentration (STLC)(if required) analysis and a fluoride salts test. The waste caustic [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 07-18-2013
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Tiered Permitting Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/14/2015. Facility failed to complete treatment unit forms via CERS per CCR 67450.3(c)(1).
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 09-07-2016
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure to include all required information in the tank system assessment.
Violation Notes: Returned to compliance on 09/27/2016. OBSERVATION: Facility does not have a hazardous waste tank system assessment for the following tanks: waste oil tank (white); wastewater/oil tank (blue), metal tanks (drip pans) at drum decanting and caustic flush areas; bermed floor beneath the drum staging, decanting, and flushing areas; wastewater collection sump along the west wall of the flushing area. The owner or operator of a hazardous waste tank system shall obtain a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California, attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the aforementioned hazardous waste tank systems. Submit a schedule showing when this will be accomplished to the CUPA 30 days from now.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 07-18-2013
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Tiered Permitting Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/14/2015. Facility failed to submit the

**TED LEVINE DRUM CO (Continued)** **S105939902**

tiered permitting Phase I Environmental Checklist per CCR 67450.7(2).
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 07-18-2013
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Tiered Permitting Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/14/2015. Facility failed to prepare and maintain written operating instructions.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 08-31-2016
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 09/27/2016. OBSERVATION: Waste oil in spill pallet beneath the used oil drums at HW storage area. In addition, evidence of leak found on piping or valve for sodium hydroxide tank (Tank #6) in the form of crystals around the piping and on the floor. Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water which could threaten human health or the environment. CORRECTIVE ACTION: Immediately [fix leak, clean stains, etc.], and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation explaining how this waste was managed by [date, 30 days from now].
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 09-07-2016
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: APSA Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/18/2016. OBSERVATION: Facility does not meet Tier I requirements. CORRECTIVE ACTION: Either come into compliance with Tier I requirements or prepare SPCC in accordance with Tier II or Non-Qualified Facility requirements.
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 403587

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 07-18-2013 |
| Citation: | 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16 |
| Violation Description: | Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position. |
| Violation Notes: | Returned to compliance on 01/14/2015. Facility failed to provide RCRA-LQG training for all personnel. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 11-05-2019 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. |
| Violation Notes: | OBSERVATION: Observed roll off bin containing hazardous waste sludge without hazardous label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 09-07-2016 |
| Citation: | 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2) |
| Violation Description: | Failure to adjust Closure Costs for inflation / deflation by March 1st |
| Violation Notes: | Returned to compliance on 10/18/2016. OBSERVATION: Owner/Operator or Generator did not adjust for Inflation/Deflation by March 1 of each year CORRECTIVE ACTION: Ensure that the adjustment for the closure costs are completed by March 1 of each year. |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 11-05-2019 |
| Citation: | 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) |
| Violation Description: | Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date. |
| Violation Notes: | OBSERVATION: Observed holding tanks of hazardous waste in the IBC and Poly drum waste water treatment system without hazardous waste labels. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that these tanks have been properly labeled. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 08-31-2016 |
| Citation: | 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k) |
| Violation Description: | Failure to include all required information in the new tank system assessment. |
| Violation Notes: | Returned to compliance on 09/27/2016. OBSERVATION: Facility does not have a hazardous waste tank system assessment for the following tanks: waste oil tank (white); wastewater/oil tank (blue), metal tanks (drip pans) at drum decanting and caustic flush areas; bermed floor beneath the drum staging, decanting, and flushing areas; wastewater collection sump along the west wall of the flushing area. The owner or operator of a hazardous waste tank system shall obtain a written assessment reviewed and certified by an independent, qualified, professional engineer, registered in California, attesting that the system has sufficient structural integrity, is acceptable for the transferring, storing, and treating of hazardous waste, and that the tanks and containment system are suitably designed. CORRECTIVE ACTION: Immediately have an assessment prepared for the aforementioned hazardous waste tank systems. Submit a schedule showing when this will be accomplished to the CUPA 30 days from now. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |
| | |
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 07-18-2013 |
| Citation: | HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections |
| Violation Description: | Tiered Permitting Program - Operations/Maintenance - General |
| Violation Notes: | Returned to compliance on 01/14/2015. Facility failed to post sign reading "Danger Hazardous Waste Area" per CCR 67450.3(c)(9)(A). |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | PBR |
| Violation Source: | CERS |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 11-05-2019 |
| Citation: | HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a) |
| Violation Description: | Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended. |
| Violation Notes: | OBSERVATION: Failure to perform and/or document the five-year review of the SPCC plan. CORRECTIVE ACTION: Complete and document the 5 year review of SPCC Plan and submit verification of proper completion. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | APSA |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 08-31-2016 |
| Citation: | HSC 6.5 25244.21 - California Health and Safety Code, Chapter 6.5, Section(s) 25244.21 |
| Violation Description: | Failure to adequately complete, and maintain for review, all requirements of the source reduction evaluation review and plan (SB-14). |
| Violation Notes: | Returned to compliance on 01/08/2017. OBSERVATION: A source reduction evaluation review and plan for 2015 was not prepared. On or before September 1, 1991, and every four years thereafter, each generator shall conduct a source reduction evaluation review and plan pursuant to section 67100.5 and have it available for inspection. CORRECTIVE ACTION: Immediately prepare this report and ensure that this report is done in a timely manner. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HWLQG |
| Violation Source: | CERS |

| | |
|---|---|
| Site ID: | 403587 |
| Site Name: | TED LEVINE DRUM CO |
| Violation Date: | 08-31-2016 |
| Citation: | 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16 |
| Violation Description: | Failure to provide employees with hazardous waste training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. |
| Violation Notes: | Returned to compliance on 09/27/2016. OBSERVATION: Employee training is incomplete or inadequate. Personnel who handle hazardous waste shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; |

**TED LEVINE DRUM CO (Continued)** **S105939902**

5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and the name of [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 11-05-2019
Citation: Un-Specified
Violation Description: RCRA Large Quantity Generator - Administration/Documentation - General Local Ordinance
Violation Notes: OBSERVATION: Biennial Report, summary Progress Report and SB-14 were not reviewed during the inspection. CORRECTIVE ACTION: Provide the following to the CUPA for review: 1. SB-14 2. Summary Progress Report 3. Biennial Report
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 07-18-2013
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 01/14/2015. Facility failed to submit HMBP into CERS.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 11-05-2019
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes: OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.

**TED LEVINE DRUM CO (Continued)** **S105939902**

Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Violation Date: 08-31-2016
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 09/27/2016. OBSERVATION: Used oil drum at maintenance shop was not covered. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed SB14 emailed by Tom Campbell; NOV abated.
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by J. Rooney Consent given by Tom Campbell
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Tom Campbell, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-29-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Eval Notes: | Closure Cost Estimate and photos of labeled HW treatment units submitted via email on 10/18/16, reviewed; Tank Assessment dated 11/7/13 received via email on 9/27/16, reviewed; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | CERS |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 12-28-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | CERS reviewed; complete Inventory updated. NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| | |
| Eval General Type: | Other/Unknown |
| Eval Date: | 12-29-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Full SPCC Plan submitted, reviewed; NOV abated. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspected by J. Rooney Consent given by Tom Campbell |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| | |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | PBR unit determination |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspected by J. Rooney Consent given by Tom Campbell |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-31-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-07-2016 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-07-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| Eval General Type: | Other/Unknown |
| Eval Date: | 09-27-2016 |
| Violations Found: | No |
| Eval Type: | Other, not routine, done by local agency |
| Eval Notes: | Waste oil removed from spill pallet; NaOH crystals cleaned up and placed in tank; used oil drum covered; HW labels applied on all HW containers; employee training certificates and records reviewed; finalizing tank assessment, SB-14, and HW determination for treatment tank sludge and Holding Tank #2 at steel drum treatment area; followup required. |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-05-2019 |
| Violations Found: | Yes |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Eval Type: | Routine done by local agency |
| Eval Notes: | TOM CAMPBELL |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-18-2013 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Inspected by J. Rooney Consent given by Tom Campbell |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | PBR |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 07-19-2013 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Not reported |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | APSA |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 08-31-2016 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HWLQG |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 09-27-2016 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | Tom Campbell, Plant Manager |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-05-2019 |
| Violations Found: | No |
| Eval Type: | Routine done by local agency |
| Eval Notes: | TOM CAMPBELL NO SIGNIFICANT VIOLATIONS OBSERVED |
| Eval Division: | Los Angeles County Fire Department |
| Eval Program: | HMRRP |
| Eval Source: | CERS |
| Eval General Type: | Compliance Evaluation Inspection |
| Eval Date: | 11-05-2019 |
| Violations Found: | Yes |
| Eval Type: | Routine done by local agency |
| Eval Notes: | TOM CAMPBELL |
| Eval Division: | Los Angeles County Fire Department |

**TED LEVINE DRUM CO (Continued)** **S105939902**

Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: TOM CAMPBELL
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-29-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HW determination on 9/20/16, analytical results submitted on 10/18/16; Tank Assessment dated 11/7/13 received via email on 9/27/16, reviewed; SB14 pending revision; emailed Mr. Tom Campbell for update; followup required.
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Enforcement Action:
Site ID: 403587
Site Name: TED LEVINE DRUM CO
Site Address: 1729 CHICO AVE
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 07-18-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Site Address: 1729 CHICO AVE
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 07-18-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 403587
Site Name: TED LEVINE DRUM CO
Site Address: 1729 CHICO AVE
Site City: SOUTH EL MONTE
Site Zip: 91733
Enf Action Date: 07-18-2013

**TED LEVINE DRUM CO (Continued)** **S105939902**

Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: PBR
Enf Action Source: CERS

Coordinates:
Site ID: 403587
Facility Name: TED LEVINE DRUM CO
Env Int Type Code: APSA
Program ID: 10285462
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.049040
Longitude: -118.060580

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Document Preparer
Entity Name: George Oney, P.E. - Omega Technical Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: TED LEVINE DRUM CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Ozzie Levine
Entity Title: Not reported
Affiliation Address: 1817 Chico Ave.
Affiliation City: So. El Monte
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91733

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Affiliation Phone: | (626) 579-1084 |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | TOM CAMPBELL |
| Entity Title: | Not reported |
| Affiliation Address: | 1817 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | TOM CAMPBELL |
| Entity Title: | Not reported |
| Affiliation Address: | 1817 CHICO AVE |
| Affiliation City: | SOUTHELMONTE |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Identification Signer |
| Entity Name: | DAVID LEVINE |
| Entity Title: | VP OF OPERATION |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 1817 CHICO AVE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | OZZIE LEVINE |
| Entity Title: | Not reported |
| Affiliation Address: | 1817 CHICO AVENUE |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 579-1084 |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | David Levine |
| Entity Title: | Vice President |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |

**TED LEVINE DRUM CO (Continued)** **S105939902**

| | |
|---|---|
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Onsite Treatment Unit Owner Operator |
| Entity Name: | Tom Campbell |
| Entity Title: | Plant Manager |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Operator |
| Entity Name: | OZZIE LEVINE |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 579-1084 |

---

**AK305** **GOLDEN SPRING MANAGEMENT, LLC.** **RCRA NonGen / NLR** **1025855518**
**NW** **2446 LEE AVE** **CAC003035785**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.226 mi.**
**1193 ft.** **Site 1 of 6 in cluster AK**

**Relative:** **Lower**
**Actual:** **236 ft.**

RCRA NonGen / NLR:

| | |
|---|---|
| Date form received by agency: | 2019-09-25 00:00:00.0 |
| Facility name: | GOLDEN SPRING MANAGEMENT, LLC. |
| Facility address: | 2446 LEE AVE<br>SOUTH EL MONTE, CA 91733-1408 |
| EPA ID: | CAC003035785 |
| Mailing address: | 6036 ROWLAND AVE<br>TEMPLE CITY, CA 91780-1720 |
| Contact: | GOLDEN SPRING MANAGEMENT, LLC. |
| Contact address: | 6036 ROWLAND AVE<br>TEMPLE CITY, CA 91780-1720 |
| Contact country: | Not reported |
| Contact telephone: | 626-512-1667 |
| Contact email: | WANG@FRESHAIRENVIRONMENTAL.COM |
| EPA Region: | 09 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | GOLDEN SPRING MANAGEMENT, LLC. |
| Owner/operator address: | 6036 ROWLAND AVE<br>TEMPLE CITY, CA 91780 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 626-512-1667 |
| Owner/operator email: | Not reported |

**GOLDEN SPRING MANAGEMENT, LLC. (Continued)** **1025855518**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GOLDEN SPRING MANAGEMENT, LLC.
Owner/operator address: 6036 ROWLAND AVE
TEMPLE CITY, CA 91780
Owner/operator country: Not reported
Owner/operator telephone: 626-512-1667
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Not reported
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

---

**AK306** **WILLIAM L BINGLEY** **RCRA NonGen / NLR** **1025880792**
**NW** **2446 LEE AVE** **CAP000200143**
**1/8-1/4** **SOUTH EL MONTE, CA 91731**
**0.226 mi.**
**1193 ft.** **Site 2 of 6 in cluster AK**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2014-05-07 00:00:00.0
Facility name: WILLIAM L BINGLEY
Facility address: 2446 LEE AVE
SOUTH EL MONTE, CA 91731
EPA ID: CAP000200143
Mailing address: 9420 TELSTAR AVE
STE 212
EL MONTE, CA 91731
Contact: ROBERT HAYWARD
Contact address: Not reported
Not reported
Contact country: US

**WILLIAM L BINGLEY (Continued)** **1025880792**

Contact telephone: 909-208-6514
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

Historical Generators:
Date form received by agency: 2014-02-06 00:00:00.0
Site name: WILLIAM L BINGLEY
Classification: Large Quantity Generator

Violation Status: No violations found

---

**AK307** **WILLIAM L BINGLEY** **HIST UST** **S118237106**
**NW** **2446 LEE AVE** **HAZNET** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **HWTS**
**0.226 mi.**
**1193 ft.** **Site 3 of 6 in cluster AK**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

HIST UST:
Name: LUSOL PRODUCTS
Address: 2446 LEE AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 00027953
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027953.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported

**WILLIAM L BINGLEY (Continued)** **S118237106**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:

| | |
|---|---|
| Name: | WILLIAM L BINGLEY |
| Address: | 2446 LEE AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917331408 |
| Contact: | ROBERT HAYWARD |
| Telephone: | 9092086514 |
| Mailing Name: | Not reported |
| Mailing Address: | 9420 TELSTAR AVE |
| Year: | 2014 |
| Gepaid: | CAP000200143 |
| TSD EPA ID: | CAD008252405 |
| CA Waste Code: | 331 - Off-specification, aged or surplus organics |
| Disposal Method: | H061 - Fuel Blending Prior To Energy Recovery At Another Site |
| Tons: | 0.055 |
| Year: | 2014 |
| Gepaid: | CAP000200143 |
| TSD EPA ID: | MOD981123391 |
| CA Waste Code: | 551 - Laboratory waste chemicals |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.5804 |
| Year: | 2014 |
| Gepaid: | CAP000200143 |
| TSD EPA ID: | CAD982444481 |
| CA Waste Code: | 331 - Off-specification, aged or surplus organics |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.0759 |
| Year: | 2014 |
| Gepaid: | CAP000200143 |
| TSD EPA ID: | CAD982444481 |
| CA Waste Code: | 352 - Other organic solids |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.0025 |
| Year: | 2014 |
| Gepaid: | CAP000200143 |
| TSD EPA ID: | CAD982444481 |
| CA Waste Code: | 181 - Other inorganic solid waste |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Tons: | 0.05 |
| Year: | 2014 |
| Gepaid: | CAP000200143 |

**WILLIAM L BINGLEY (Continued)** **S118237106**

TSD EPA ID: MOD981123391
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.025

Additional Info:
Year: 2014
Gen EPA ID: CAP000200143

Shipment Date: 20140226
Creation Date: 8/14/2014 22:15:12
Receipt Date: 20140226
Manifest ID: 012155916JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 331 - Off-specification, aged, or surplus organics
RCRA Code: F003
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140226
Creation Date: 8/14/2014 22:15:12
Receipt Date: 20140226
Manifest ID: 012155916JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 331 - Off-specification, aged, or surplus organics
RCRA Code: F003
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

**WILLIAM L BINGLEY (Continued)** **S118237106**

| | |
|---|---|
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140213 |
| Creation Date: | Not reported |
| Receipt Date: | Not reported |
| Manifest ID: | 012155797JJK |
| Trans EPA ID: | CAR000172460 |
| Trans Name: | ENVIRONMENTAL LOGISTICS INC |
| Trans 2 EPA ID: | NJD986607380 |
| Trans 2 Name: | MAUMEE EXPRESS INC |
| TSDF EPA ID: | MOD981123391 |
| Trans Name: | HAZMAT INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 551 - Laboratory waste chemicals 561 Detergent and soap |
| RCRA Code: | D001 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.15 |
| Waste Quantity: | 300 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140213 |
| Creation Date: | Not reported |
| Receipt Date: | Not reported |
| Manifest ID: | 012155797JJK |
| Trans EPA ID: | CAR000172460 |
| Trans Name: | ENVIRONMENTAL LOGISTICS INC |
| Trans 2 EPA ID: | NJD986607380 |
| Trans 2 Name: | MAUMEE EXPRESS INC |
| TSDF EPA ID: | MOD981123391 |
| Trans Name: | HAZMAT INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 551 - Laboratory waste chemicals 561 Detergent and soap |
| RCRA Code: | F003 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0834 |
| Waste Quantity: | 20 |
| Quantity Unit: | G |
| Additional Code 1: | D001 |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140213 |
| Creation Date: | Not reported |
| Receipt Date: | Not reported |
| Manifest ID: | 012155797JJK |
| Trans EPA ID: | CAR000172460 |

**WILLIAM L BINGLEY (Continued)** **S118237106**

| | |
|---|---|
| Trans Name: | ENVIRONMENTAL LOGISTICS INC |
| Trans 2 EPA ID: | NJD986607380 |
| Trans 2 Name: | MAUMEE EXPRESS INC |
| TSDF EPA ID: | MOD981123391 |
| Trans Name: | HAZMAT INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 551 - Laboratory waste chemicals 561 Detergent and soap |
| RCRA Code: | D001 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.00417 |
| Waste Quantity: | 1 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140213 |
| Creation Date: | Not reported |
| Receipt Date: | Not reported |
| Manifest ID: | 012155797JJK |
| Trans EPA ID: | CAR000172460 |
| Trans Name: | ENVIRONMENTAL LOGISTICS INC |
| Trans 2 EPA ID: | NJD986607380 |
| Trans 2 Name: | MAUMEE EXPRESS INC |
| TSDF EPA ID: | MOD981123391 |
| Trans Name: | HAZMAT INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 551 - Laboratory waste chemicals 561 Detergent and soap |
| RCRA Code: | D002 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.02502 |
| Waste Quantity: | 6 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140213 |
| Creation Date: | Not reported |
| Receipt Date: | Not reported |
| Manifest ID: | 012155797JJK |
| Trans EPA ID: | CAR000172460 |
| Trans Name: | ENVIRONMENTAL LOGISTICS INC |
| Trans 2 EPA ID: | NJD986607380 |
| Trans 2 Name: | MAUMEE EXPRESS INC |
| TSDF EPA ID: | MOD981123391 |
| Trans Name: | HAZMAT INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |

**WILLIAM L BINGLEY (Continued)** **S118237106**

| | |
|---|---|
| CA Waste Code: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D002 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.0165 |
| Waste Quantity: | 5 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140213 |
| Creation Date: | Not reported |
| Receipt Date: | Not reported |
| Manifest ID: | 012155797JJK |
| Trans EPA ID: | CAR000172460 |
| Trans Name: | ENVIRONMENTAL LOGISTICS INC |
| Trans 2 EPA ID: | NJD986607380 |
| Trans 2 Name: | MAUMEE EXPRESS INC |
| TSDF EPA ID: | MOD981123391 |
| Trans Name: | HAZMAT INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 551 - Laboratory waste chemicals 561 Detergent and soap |
| RCRA Code: | D001 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.00417 |
| Waste Quantity: | 1 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140213 |
| Creation Date: | Not reported |
| Receipt Date: | Not reported |
| Manifest ID: | 012155797JJK |
| Trans EPA ID: | CAR000172460 |
| Trans Name: | ENVIRONMENTAL LOGISTICS INC |
| Trans 2 EPA ID: | NJD986607380 |
| Trans 2 Name: | MAUMEE EXPRESS INC |
| TSDF EPA ID: | MOD981123391 |
| Trans Name: | HAZMAT INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 551 - Laboratory waste chemicals 561 Detergent and soap |
| RCRA Code: | D001 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.2085 |
| Waste Quantity: | 50 |
| Quantity Unit: | G |

**WILLIAM L BINGLEY (Continued)** **S118237106**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20140213 |
| Creation Date: | Not reported |
| Receipt Date: | Not reported |
| Manifest ID: | 012155797JJK |
| Trans EPA ID: | CAR000172460 |
| Trans Name: | ENVIRONMENTAL LOGISTICS INC |
| Trans 2 EPA ID: | NJD986607380 |
| Trans 2 Name: | MAUMEE EXPRESS INC |
| TSDF EPA ID: | MOD981123391 |
| Trans Name: | HAZMAT INC |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Disposal Method: | H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135) |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

HWTS:

| | |
|---|---|
| Name: | WILLIAM L BINGLEY |
| Address: | 2446 LEE AVE |
| Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917331408 |
| EPA ID: | CAP000200143 |
| Inactive Date: | 08/27/2014 |
| Create Date: | 05/28/2014 |
| Last Act Date: | 08/28/2014 |
| Mailing Name: | Not reported |
| Mailing Address: | 9420 TELSTAR AVE |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | EL MONTE, CA 917310000 |
| Owner Name: | WILLIAM L BINGLEY |
| Owner Address: | 9420 TELSTAR AVE |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | EL MONTE, CA 917310000 |
| Contact Name: | ROBERT HAYWARD |
| Contact Address: | 9420 TELSTAR AVE |
| Contact Address 2: | Not reported |
| City,State,Zip: | EL MONTE, CA 917310000 |

**AK308** **LUSOL PRODUCTS** **SWEEPS UST** **U001569476**
**NW** **2446 LEE AVE** **HIST UST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **WIP**
**0.226 mi.**
**1193 ft.** **Site 4 of 6 in cluster AK**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | LUSOL PRODUCTS |
| Address: | 2446 LEE AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 16719 |
| Number: | 2 |
| Board Of Equalization: | Not reported |
| Referral Date: | 04-22-92 |
| Action Date: | 04-22-92 |
| Created Date: | 04-22-92 |
| Owner Tank Id: | 1 |
| SWRCB Tank Id: | 19-000-016719-000001 |
| Tank Status: | A |
| Capacity: | 1000 |
| Active Date: | 04-22-92 |
| Tank Use: | M.V. FUEL |
| STG: | P |
| Content: | DIESEL |
| Number Of Tanks: | 2 |

| | |
|---|---|
| Name: | LUSOL PRODUCTS |
| Address: | 2446 LEE AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 16719 |
| Number: | 2 |
| Board Of Equalization: | Not reported |
| Referral Date: | 04-22-92 |
| Action Date: | 04-22-92 |
| Created Date: | 04-22-92 |
| Owner Tank Id: | 1 |
| SWRCB Tank Id: | 19-000-016719-000002 |
| Tank Status: | A |
| Capacity: | 1500 |
| Active Date: | 04-22-92 |
| Tank Use: | M.V. FUEL |
| STG: | P |
| Content: | DIESEL |
| Number Of Tanks: | Not reported |

HIST UST:

| | |
|---|---|
| Name: | LUSOL PRODUCTS |
| Address: | 2446 LEE AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000050536 |
| Facility Type: | Other |
| Other Type: | MFG., ADHESIVES |
| Contact Name: | DAVID MACDONALD |
| Telephone: | 8184437983 |

**LUSOL PRODUCTS (Continued)** **U001569476**

Owner Name: LUSOL PRODUCTS
Owner Address: 2446 LEE AVENUE
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0002

Tank Num: 001
Container Num: DU-1000
Year Installed: 1970
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 10
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: DU-2000
Year Installed: 1970
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

WIP:
Name: LU-SOL PRODUCTS
Address: 2446 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0216
**File Status: Historical**
Staff: DKOO
Facility Suite: Not reported

---

**AL309** **FORMER COOPER DRUM CO. FACILITY, SUB-AREA 3A** **WIP** **S108725093**
**SE** **9625 EL POCHE ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.228 mi.**
**1202 ft.** **Site 1 of 8 in cluster AL**

**Relative:** **Lower**
**Actual:** **235 ft.**

WIP:
Name: FORMER COOPER DRUM CO. FACILITY, SUB-AREA 3A
Address: 9625 EL POCHE ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0096
**File Status: Active**
Staff: CORTEZ
Facility Suite: 3A

**AL310** **COOPER DRUM COMPANY** **HIST UST** **U001569448**
**SE** **9629 EL POCHE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.228 mi.**
**1204 ft.** **Site 2 of 8 in cluster AL**

**Relative:** **Lower**

**Actual:** **235 ft.**

HIST UST:

| | |
|---|---|
| Name: | COOPER DRUM COMPANY |
| Address: | 9629 EL POCHE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 000273E7 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000273E7.pdf |
| Region: | STATE |
| Facility ID: | 00000003095 |
| Facility Type: | Other |
| Other Type: | USED DRUM RECONDITIO |
| Contact Name: | DON ECKROAD |
| Telephone: | 8185793520 |
| Owner Name: | COOPER DRUM COMPANY |
| Owner Address: | 9316 SO. ATLANTIC |
| Owner City,St,Zip: | SOUTH GATE, CA 90280 |
| Total Tanks: | 0008 |
| | |
| Tank Num: | 001 |
| Container Num: | EP-1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00001250 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | 06 |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |
| | |
| Tank Num: | 002 |
| Container Num: | EP-2 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000000 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |
| | |
| Tank Num: | 003 |
| Container Num: | EP-3 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000000 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |
| | |
| Tank Num: | 004 |
| Container Num: | EP-4 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000000 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

**COOPER DRUM COMPANY (Continued)** **U001569448**

| | |
|---|---|
| Tank Num: | 005 |
| Container Num: | EP-5 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000000 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

| | |
|---|---|
| Tank Num: | 006 |
| Container Num: | EP-6 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000000 |
| Tank Used for: | WASTE |
| Type of Fuel: | WASTE OIL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

| | |
|---|---|
| Tank Num: | 007 |
| Container Num: | C-1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00010000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

| | |
|---|---|
| Tank Num: | 008 |
| Container Num: | C-2 |
| Year Installed: | Not reported |
| Tank Capacity: | 00002000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Stock Inventor |

Click here for Geo Tracker PDF:

---

**AL311** **FORMER COOPER DRUM CO. FACILITY, SUB-AREA 3A** **CPS-SLIC** **S106765211**
**SE** **9629 EL POCHE ST** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CERS**
**0.228 mi.**
**1204 ft.** **Site 3 of 8 in cluster AL**

**Relative:** CPS-SLIC:
**Lower**

| | |
|---|---|
| **Actual:** Name: | COOPER DRUM COMPANY, SUB-AREA 3C (FORMER) |
| **235 ft.** Address: | 9629 EL POCHE STREET |
| City,State,Zip: | SOUTH EL MONTE, CA 91733-3030 |
| Region: | STATE |
| **Facility Status:** | **Open - Site Assessment** |
| Status Date: | 03/06/2020 |
| Global Id: | SL0603743808 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.0503537821926 |
| Longitude: | -118.059020340443 |
| Case Type: | Cleanup Program Site |
| Case Worker: | SM |

**FORMER COOPER DRUM CO. FACILITY, SUB-AREA 3A (Continued)** **S106765211**

Local Agency: Not reported
RB Case Number: 107.0096
File Location: Archived
Potential Media Affected: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Acetone, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Chromium, Copper, Lead, Benzene, Xylene
Site History: The facility was a steel drum reconditioning plant. The plant received, cleaned, repaired, and painted metal drums. Drums were stored on dirt lot prior to be reconditioned and cleaned. Inside the plant, southeast portion, a pit collected residues from the drums. The plant had a concrete floor and spills were noticed everywhere according to a inspection on July 2, 1987. A blast furnace was located at the facility where drums were cooked followed by sandblasting and painting. The facility contained a large aboveground tank located in a concrete containment structure. The facility had numerous subsurface concrete filled vaults which appeared to have been used for storing old machinery. Cooper Drum began operations on June 30, 1983.

Click here to access the California GeoTracker records for this facility:

WIP:
Name: FORMER COOPER DRUM CO. FACILITY, SUB-AREA 3A
Address: 9629 EL POCHE ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0096
**File Status: Active**
Staff: CORTEZ
Facility Suite: 3A

CERS:
Name: COOPER DRUM COMPANY, SUB-AREA 3C (FORMER)
Address: 9629 EL POCHE STREET
City,State,Zip: SOUTH EL MONTE, CA 91733-3030
Site ID: 209617
CERS ID: SL0603743808
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: SHERVIN MILANI - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766705

**AJ312** **GENERAL ENAMELING CO#** **RCRA-SQG** **1000213822**
**NNE** **2461 1/2 N CHICO** **HAZNET** **CAD008338287**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **HWTS**
**0.230 mi.**
**1215 ft.** **Site 11 of 13 in cluster AJ**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | GENERAL ENAMELING CO# |
| Facility address: | 2461 1/2 N CHICO<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD008338287 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Land type: | Facility is not located on Indian land. Additional information is not known. |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | JULES J REID SR |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |

**GENERAL ENAMELING CO# (Continued)** **1000213822**

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1980-08-20 00:00:00.0
Site name: GENERAL ENAMELING CO#
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 1994-02-10 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

HAZNET:
Name: GENERAL ENAMELING CO#
Address: 2461 1/2 N CHICO
Address 2: Not reported
City,State,Zip: SO EL MONTE, CA 917330000
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 2461 1/2 CHICO AVE # N

Year: 1995
Gepaid: CAD008338287
TSD EPA ID: CAT080022148
CA Waste Code: 351 - Organic solids with halogens
Disposal Method: H01 - Transfer Station
Tons: 0.2

Year: 1990
Gepaid: CAD008338287
TSD EPA ID: CAD070215355
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: R01 - Recycler
Tons: 0.2

Year: 1990
Gepaid: CAD008338287
TSD EPA ID: CAD070215355
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: 01 -
Tons: 0

**GENERAL ENAMELING CO# (Continued)** **1000213822**

Year: 1989
Gepaid: CAD008338287
TSD EPA ID: CAD070215355
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 0.4

Year: 1988
Gepaid: CAD008338287
TSD EPA ID: CAD042245001
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2293

Year: 1988
Gepaid: CAD008338287
TSD EPA ID: CAD070215355
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: R01 - Recycler
Tons: 0.2

Year: 1987
Gepaid: CAD008338287
TSD EPA ID: CAD042245001
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.2085

Additional Info:
Year: 1995
Gen EPA ID: CAD008338287

Shipment Date: 19951031
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951106
Manifest ID: 95590273
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080022148
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 351 - Organic solids with halogens
RCRA Code: F002
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

**GENERAL ENAMELING CO# (Continued)** **1000213822**

HWTS:
Name: GENERAL ENAMELING CO#
Address: 2461 1/2 N CHICO
Address 2: Not reported
City,State,Zip: SO EL MONTE, CA 917330000
EPA ID: CAD008338287
Inactive Date: 06/30/1998
Create Date: 07/23/1982
Last Act Date: 09/14/2004
Mailing Name: Not reported
Mailing Address: 2461 1/2 CHICO AVE # N
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917331612
Owner Name: JULES J REID SR
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: --
Contact Address: INACT PER 98VQ FINAL NOTICE
Contact Address 2: - BATCH 4/27
City,State,Zip: --, 99 --

---

**AC313** **ENGINEERING DESIGN INDUSTRIES INC.** **RCRA NonGen / NLR** **1024795115**
**ESE** **9649 EAST RUSH ST** **CAL000160005**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.230 mi.**
**1216 ft.** **Site 9 of 12 in cluster AC**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

RCRA NonGen / NLR:
Date form received by agency: 1996-01-17 00:00:00.0
Facility name: ENGINEERING DESIGN INDUSTRIES INC.
Facility address: 9649 EAST RUSH ST
SOUTH EL MONTE, CA 91733-0000
EPA ID: CAL000160005
Mailing address: 9649 RUSH ST
SOUTH EL MONTE, CA 91733-0000
Contact: JOHN HOANG
Contact address: 9649 RUSH ST
SOUTH EL MONTE, CA 91733-0000
Contact country: Not reported
Contact telephone: 626-443-7741
Contact email: JOHN@EDIMFG.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ENGINEERING DESIGN IND INC
Owner/operator address: 9649 RUSH ST
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-443-7741
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner

**ENGINEERING DESIGN INDUSTRIES INC. (Continued)** **1024795115**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: JOHN HOANG
Owner/operator address: 9649 RUSH ST
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-443-7741
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**AJ314** **M. V. A. ENTERPRISES INC.** **WIP** **S106766188**
**NNE** **2466 CHICO AVE** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.232 mi.**
**1224 ft.** **Site 12 of 13 in cluster AJ**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

WIP:
Name: M. V. A. ENTERPRISES INC.
Address: 2466 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2176
**File Status: Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

**AL315** **WAYCO METALS, INC.** **WIP** **S106766072**
**SE** **9618 EL POCHE ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.233 mi.**
**1231 ft.** **Site 4 of 8 in cluster AL**

**Relative:** **Lower**

**Actual:** **234 ft.**

WIP:

| | |
|---|---|
| Name: | WAYCO METALS, INC. |
| Address: | 9618 El Poche St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1664 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

---

**AH316** **SUNSET LADDER CO** **SWEEPS UST** **S102058838**
**NNW** **2526 NO ROSEMEAD BLVD** **HIST UST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.234 mi.** **WIP**
**1234 ft.** **Site 2 of 3 in cluster AH**

**Relative:** **Higher**

**Actual:** **241 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | JACK B. ADAMS |
| Address: | 2526 N ROSEMEAD BLVD |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 9157 |
| Number: | 9 |
| Board Of Equalization: | Not reported |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | Not reported |
| Tank Status: | Not reported |
| Capacity: | Not reported |
| Active Date: | Not reported |
| Tank Use: | Not reported |
| STG: | Not reported |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

HIST UST:

| | |
|---|---|
| Name: | SUNSET LADDER CO |
| Address: | 2526 NO ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 000270A2 |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000270A2.pdf |
| Region: | Not reported |
| Facility ID: | Not reported |
| Facility Type: | Not reported |
| Other Type: | Not reported |
| Contact Name: | Not reported |
| Telephone: | Not reported |
| Owner Name: | Not reported |
| Owner Address: | Not reported |
| Owner City,St,Zip: | Not reported |
| Total Tanks: | Not reported |

**SUNSET LADDER CO (Continued)** **S102058838**

| | |
|---|---|
| Tank Num: | Not reported |
| Container Num: | Not reported |
| Year Installed: | Not reported |
| Tank Capacity: | Not reported |
| Tank Used for: | Not reported |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | JACK B ADAMS |
| Address: | 2526 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | T |
| Facility Id: | 009354-009157 |
| Facility Type: | 0 |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | 00000140T |
| Permit Status: | Removed |

WIP:

| | |
|---|---|
| Name: | SUNSET LADDER CO. |
| Address: | 2526 N Rosemead Blvd |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0351 |
| **File Status:** | **Historical** |
| Staff: | KELLIOTT |
| Facility Suite: | Not reported |

---

**AH317** **SUNSET LADDER CO** **HIST UST** **U001569501**
**NNW** **2526 ROSEMEAD BLVD** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.234 mi.**
**1234 ft.** **Site 3 of 3 in cluster AH**

**Relative:**
**Higher**

**Actual:**
**241 ft.**

HIST UST:

| | |
|---|---|
| Name: | SUNSET LADDER CO |
| Address: | 2526 ROSEMEAD BLVD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | Not reported |
| URL: | Not reported |
| Region: | STATE |
| Facility ID: | 00000041161 |
| Facility Type: | Other |
| Other Type: | GAS TANK |
| Contact Name: | BRAD BECNEL |
| Telephone: | 8185754626 |
| Owner Name: | JACK B. ADAMS |
| Owner Address: | 2526 NO. ROSEMEAD BLVD. |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0001 |

**SUNSET LADDER CO (Continued)** **U001569501**

| | |
|---|---|
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1980 |
| Tank Capacity: | 00009970 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual |

---

**AE318** **SPECTRA TONE CO** **SWEEPS UST** **S106932456**
**ENE** **9635 E KLINGERMAN ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.234 mi.**
**1235 ft.** **Site 2 of 2 in cluster AE**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

SWEEPS UST:

| | |
|---|---|
| Name: | SPECTRA TONE CO |
| Address: | 9635 E KLINGERMAN ST |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 730 |
| Number: | 1 |
| Board Of Equalization: | 44-007479 |
| Referral Date: | 01-23-90 |
| Action Date: | 01-23-90 |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-000730-000001 |
| Tank Status: | A |
| Capacity: | 6000 |
| Active Date: | 01-23-90 |
| Tank Use: | CHEMICAL |
| STG: | P |
| Content: | Not reported |
| Number Of Tanks: | 2 |

| | |
|---|---|
| Name: | SPECTRA TONE CO |
| Address: | 9635 E KLINGERMAN ST |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 730 |
| Number: | 1 |
| Board Of Equalization: | 44-007479 |
| Referral Date: | 01-23-90 |
| Action Date: | 01-23-90 |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-000730-000002 |
| Tank Status: | A |
| Capacity: | 4000 |
| Active Date: | 01-23-90 |
| Tank Use: | CHEMICAL |
| STG: | P |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

**AC319** **A & M BANDAG INC** **HAULERS** **1006826950**
**ESE** **9642 RUSH ST** **FINDS** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **EMI**
**0.234 mi.** **WIP**
**1238 ft.** **Site 10 of 12 in cluster AC** **CERS**

**Relative:**
**Higher**

**Actual:**
**238 ft.**

HAULERS:

| | |
|---|---|
| Name: | A AND M BANDAG, INC. (RETREADER) |
| Address: | 9642 RUSH STREET |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | 1004215 |
| Facility Phone: | (626) 442-0297 |
| Business Email Address: | Ambandag@yahoo.com |
| Contact Person: | James Ayotte |
| Mailing Address: | 9642 Rush Street |
| Mailing City: | South El Monte |
| Mailing State: | CA |
| Mailing Zip: | 91733 |
| Mailing County: | Not reported |
| Mailing Phone: | (626) 442-0297 |
| Current Status: | Active Business |
| Current Hauler Status: | Hauler - Registered |
| Accepting Tires From Public: | No |
| Regulatory Status Last Changed: | 6/26/2003 |
| Business Types: | Tire Dealer; Hauler (Com Car, Ag, Gov Exempt); Tire Treading; Tire Treading |

FINDS:

| | |
|---|---|
| Registry ID: | 110013861721 |
| Facility URL: | http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110013861721 |

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN

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

EMI:

| | |
|---|---|
| Name: | A & M BANDAG INC |
| Address: | 9642 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1996 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 90017 |
| Air District Name: | SC |
| SIC Code: | 7534 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | A & M BANDAG INC |
| Address: | 9642 RUSH ST |

**A & M BANDAG INC (Continued)** **1006826950**

| | |
|---|---|
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1997 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 90017 |
| Air District Name: | SC |
| SIC Code: | 7534 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | A & M BANDAG INC |
| Address: | 9642 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1998 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 90017 |
| Air District Name: | SC |
| SIC Code: | 7534 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | A & M BANDAG INC |
| Address: | 9642 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1999 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 90017 |
| Air District Name: | SC |
| SIC Code: | 7534 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**A & M BANDAG INC (Continued)** **1006826950**

| | |
|---|---|
| Name: | A & M BANDAG INC |
| Address: | 9642 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2000 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 90017 |
| Air District Name: | SC |
| SIC Code: | 7534 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | A & M BANDAG INC |
| Address: | 9642 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2001 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 90017 |
| Air District Name: | SC |
| SIC Code: | 7534 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | A & M BANDAG INC |
| Address: | 9642 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2008 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 90017 |
| Air District Name: | SC |
| SIC Code: | 7534 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | .2636955571824330274 |
| Reactive Organic Gases Tons/Yr: | .23 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |

**A & M BANDAG INC (Continued)** **1006826950**

Particulate Matter Tons/Yr: .05
Part. Matter 10 Micrometers and Smllr Tons/Yr: .048

Name: A & M BANDAG INC
Address: 9642 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2012
County Code: 19
Air Basin: SC
Facility ID: 90017
Air District Name: SC
SIC Code: 7534
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.28281971062
Reactive Organic Gases Tons/Yr: 0.26729
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.42328
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.2263488

Name: A & M BANDAG INC
Address: 9642 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2013
County Code: 19
Air Basin: SC
Facility ID: 90017
Air District Name: SC
SIC Code: 7534
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.36117243872
Reactive Organic Gases Tons/Yr: 0.3416
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1.21296
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.0431456

Name: A & M BANDAG INC
Address: 9642 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2016
County Code: 19
Air Basin: SC
Facility ID: 90017
Air District Name: SC
SIC Code: 7534
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.0037858082802
Reactive Organic Gases Tons/Yr: 0.00374

**A & M BANDAG INC (Continued)** **1006826950**

| | |
|---|---|
| Carbon Monoxide Emissions Tons/Yr: | Not reported |
| NOX - Oxides of Nitrogen Tons/Yr: | Not reported |
| SOX - Oxides of Sulphur Tons/Yr: | Not reported |
| Particulate Matter Tons/Yr: | 1.72 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0.98728 |

| | |
|---|---|
| Name: | A & M BANDAG INC |
| Address: | 9642 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2017 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 90017 |
| Air District Name: | SC |
| SIC Code: | 7534 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0.004352667274 |
| Reactive Organic Gases Tons/Yr: | 0.0043 |
| Carbon Monoxide Emissions Tons/Yr: | Not reported |
| NOX - Oxides of Nitrogen Tons/Yr: | Not reported |
| SOX - Oxides of Sulphur Tons/Yr: | Not reported |
| Particulate Matter Tons/Yr: | 2.1 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 1.2054 |

WIP:

| | |
|---|---|
| Name: | RAYS OK TIRE INC. |
| Address: | 9642 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1038 |
| **File Status:** | **Historical** |
| Staff: | RASTON |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | A & M BANDAG INC |
| Address: | 9642 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 449018 |
| CERS ID: | 110013861721 |
| CERS Description: | US EPA Air Emission Inventory System (EIS) |

---

**AG320** **NEW STAR CLOTHES CO.** **WIP** **S106765834**
**ESE** **9651 RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.236 mi.**
**1246 ft.** **Site 3 of 5 in cluster AG**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

WIP:

| | |
|---|---|
| Name: | NEW STAR CLOTHES CO. |
| Address: | 9651 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1303 |
| **File Status:** | **Historical** |

**NEW STAR CLOTHES CO. (Continued)** **S106765834**

Staff: KELLIOTT
Facility Suite: Not reported

---

**AD321** **OPAL-LITE, INC.** **WIP** **S102816598**
**WSW** **9234 RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.236 mi.**
**1246 ft.** **Site 5 of 5 in cluster AD**

**Relative:** **Lower**
**Actual:** **228 ft.**

WIP:
Name: OPAL-LITE, INC.
Address: 9234 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1322
**File Status:** **Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**AK322** **UNITED SPRINKLER COMPANY** **HIST UST** **U001569510**
**NW** **2448 LEE AVE** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.237 mi.**
**1252 ft.** **Site 5 of 6 in cluster AK**

**Relative:** **Lower**
**Actual:** **236 ft.**

HIST UST:
Name: UNITED SPRINKLER COMPANY
Address: 2448 LEE AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 0002841A
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002841A.pdf
Region: STATE
Facility ID: 00000021073
Facility Type: Other
Other Type: CONSTRUCTION
Contact Name: Not reported
Telephone: 2134427990
Owner Name: UNITED SPRINKLER COMPANY
Owner Address: 2448 LEE AVENUE
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1974
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1969
Tank Capacity: 00001000
Tank Used for: PRODUCT

**UNITED SPRINKLER COMPANY (Continued)** **U001569510**

Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

WIP:
Name: UNITED SPRINKLER COMPANY
Address: 2448 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0379
**File Status: Historical**
Staff: MM
Facility Suite: Not reported

---

**AC323** **RAY'S O K TIRES INC** **RCRA NonGen / NLR** **1024788846**
**ESE** **9650 RUSH STREET** **CAL000050891**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.237 mi.**
**1254 ft.** **Site 11 of 12 in cluster AC**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

RCRA NonGen / NLR:
Date form received by agency: 1994-10-24 00:00:00.0
Facility name: RAY'S O K TIRES INC
Facility address: 9650 RUSH STREET
SOUTH EL MONTE, CA 91733-0000
EPA ID: CAL000050891
Mailing address: 9650 RUSH ST
SOUTH EL MONTE, CA 91733-0000
Contact: JAMES AYOTTE
Contact address: 9650 RUSH ST
SOUTH EL MONTE, CA 91733-0000
Contact country: Not reported
Contact telephone: 626-442-0297
Contact email: RAYSOKTIRE@YAHOO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JAMES AYOTTE
Owner/operator address: 9650 RUSH ST
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-442-0297
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: RJB RAY MC PHETRIDGE
Owner/operator address: 9650 RUSH ST
SOUTH EL MONTE, CA 91733

**RAY'S O K TIRES INC (Continued)** **1024788846**

Owner/operator country: Not reported
Owner/operator telephone: 626-442-0297
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

---

**AC324** **RAY'S OK TIRES INC** **CERS HAZ WASTE** **S103983769**
**ESE** **9650 RUSH ST** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.237 mi.**
**1254 ft.** **Site 12 of 12 in cluster AC**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

CERS HAZ WASTE:
Name: RAY'S OK TIRES INC
Address: 9650 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 60568
CERS ID: 10299385
CERS Description: Hazardous Waste Generator

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-27-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility no longer HW generator at this time. Non-regulated facility at this time. HW permit inactivated. Fee waiver approved.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported

**RAY'S OK TIRES INC (Continued)** **S103983769**

| | |
|---|---|
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 9650 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Parent Corporation |
| Entity Name: | RAY'S OK TIRES INC |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | RAY'S OK TIRE INC |
| Entity Title: | Not reported |
| Affiliation Address: | 9650 RUSH ST |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 442-0297 |

WIP:

| | |
|---|---|
| Name: | RAY'S OK TIRE INC. |
| Address: | 9650 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2227 |
| **File Status:** | **Historical** |
| Staff: | RASTON |
| Facility Suite: | Not reported |

**AL325** **DIE CASTERS CUSTOM SUPPLIES** **WIP** **S106765537**
**SE** **9624 EL POCHE ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.238 mi.**
**1255 ft.** **Site 5 of 8 in cluster AL**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

WIP:
Name: DIE CASTERS CUSTOM SUPPLIES
Address: 9624 El Poche St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0824
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**AG326** **MLK LLC** **RCRA NonGen / NLR** **1025881139**
**ESE** **9657 E RUSH ST** **CAP000218644**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.239 mi.**
**1264 ft.** **Site 4 of 5 in cluster AG**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

RCRA NonGen / NLR:
Date form received by agency: 2011-08-08 00:00:00.0
Facility name: MLK LLC
Facility address: 9657 E RUSH ST
SOUTH EL MONTE, CA 91733
EPA ID: CAP000218644
Mailing address: 1122 S ROBERTSON BLVD
STE 18
LOS ANGELES, CA 90035
Contact: DANIELLE GARCIA
Contact address: 1122 S ROBERTSON BLVD STE 18
LOS ANGELES, CA 90035
Contact country: US
Contact telephone: 310-385-0942
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MLK LLC
Owner/operator address: 1122 S ROBERTSON BLVD
LOS ANGELES, CA 90035
Owner/operator country: US
Owner/operator telephone: 310-385-0942
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2002-03-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: DANIELLE GARCIA
Owner/operator address: Not reported
Not reported
Owner/operator country: US

**MLK LLC (Continued)** **1025881139**

Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2002-03-01 00:00:00.
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 2011-05-02 00:00:00.0
Site name: MLK LLC
Classification: Small Quantity Generator

Hazardous Waste Summary:

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

. Waste code: D002
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

---

**AG327** **NEIGHBORHOOD DIST. CO.** **EMI S106766084**
**ESE** **9657 RUSH ST** **WIP N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.242 mi.**
**1276 ft.** **Site 5 of 5 in cluster AG**

**Relative:**
**Higher**

**Actual:**
**240 ft.**

EMI:
Name: KUSTOM STEEL PRODUCTS
Address: 9657 RUSH ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Year: 2002
County Code: 19
Air Basin: SC
Facility ID: 134934
Air District Name: SC
SIC Code: 3449

**NEIGHBORHOOD DIST. CO. (Continued)** **S106766084**

| | |
|---|---|
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | KUSTOM STEEL PRODUCTS |
| Address: | 9657 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2003 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 134934 |
| Air District Name: | SC |
| SIC Code: | 3449 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | KUSTOM STEEL PRODUCTS |
| Address: | 9657 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2004 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 134934 |
| Air District Name: | SC |
| SIC Code: | 3449 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1.03877 |
| Reactive Organic Gases Tons/Yr: | 0.7 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | WASTEQUIP - LA |
| Address: | 9657 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2006 |
| County Code: | 19 |
| Air Basin: | SC |

**NEIGHBORHOOD DIST. CO. (Continued)** **S106766084**

| | |
|---|---|
| Facility ID: | 142922 |
| Air District Name: | SC |
| SIC Code: | 3499 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 5.578499848162769511 |
| Reactive Organic Gases Tons/Yr: | 5.511 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .322 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .30912 |

| | |
|---|---|
| Name: | WASTEQUIP - LA |
| Address: | 9657 RUSH ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2007 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 142922 |
| Air District Name: | SC |
| SIC Code: | 3499 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 5.578499848162769511 |
| Reactive Organic Gases Tons/Yr: | 5.511 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | .322 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | .30912 |

WIP:

| | |
|---|---|
| Name: | NEIGHBORHOOD DIST. CO. |
| Address: | 9657 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1688 |
| **File Status:** | **Historical** |
| Staff: | RASTON |
| Facility Suite: | Not reported |

---

**AM328** **PRIME ENGINEERING** **CPS-SLIC** **S106484610**
**ENE** **9640 KLINGERMAN ST** **WIP** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **CERS**
**0.245 mi.**
**1293 ft.** **Site 1 of 5 in cluster AM**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | PRIME ENGINEERING |
| Address: | 9640 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 09/29/1997 |

**PRIME ENGINEERING (Continued)** **S106484610**

| | |
|---|---|
| Global Id: | SL603798800 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.05552 |
| Longitude: | -118.058057 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 107.1387 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | PRIME ENGINEERING |
| Address: | 9640 Klingerman St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1387 |
| **File Status:** | **Historical** |
| Staff: | CORTEZ |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | PRIME ENGINEERING |
| Address: | 9640 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 225506 |
| CERS ID: | SL603798800 |
| CERS Description: | Cleanup Program Site |

---

**AN329** **SHAW PUMP & SUPPLY INC.** **WIP** **S106766227**
**ESE** **9660 E RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.245 mi.**
**1295 ft.** **Site 1 of 3 in cluster AN**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

WIP:

| | |
|---|---|
| Name: | SHAW PUMP & SUPPLY INC. |
| Address: | 9660 E Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2232 |
| **File Status:** | **Historical** |
| Staff: | RASTON |
| Facility Suite: | Not reported |

**AJ330** **AMC FORKLIFT GENERATOR STARTER CO** **RCRA-SQG** **1000114405**
**NNE** **2504 CHICO AVE** **FINDS** **CAD982323776**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **ECHO**
**0.246 mi.**
**1300 ft.** **Site 13 of 13 in cluster AJ**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | AMC FORKLIFT GENERATOR STARTER CO |
| Facility address: | 2504 CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD982323776 |
| Mailing address: | CHICO AVE<br>SOUTH EL MONTE, CA 91733 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | SOSA ALFONSO |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

| | |
|---|---|
| U.S. importer of hazardous waste: | No |
| Mixed waste (haz. and radioactive): | No |

**AMC FORKLIFT GENERATOR STARTER CO (Continued)** **1000114405**

| | |
|---|---|
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

Violation Status: No violations found

FINDS:

Registry ID: 110002794593
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002794593

Environmental Interest/Information System:

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

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

ECHO:

| | |
|---|---|
| Envid: | 1000114405 |
| Registry ID: | 110002794593 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002794593 |
| Name: | AMC FORKLIFT GENERATOR STARTER CO |
| Address: | 2504 CHICO AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

---

**AL331** **COOPER DRUM COMPANY** **ENVIROSTOR** **1000594211**
**SE** **9630 EL POCHE STREET** **ENF** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **WIP**
**0.247 mi.**
**1305 ft.** **Site 6 of 8 in cluster AL**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

ENVIROSTOR:

| | |
|---|---|
| Name: | COOPER DRUM COMPANY |
| Address: | 9630 EL POCHE STREET |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | 19500245 |
| Status: | Refer: RWQCB |
| Status Date: | 04/23/1991 |
| Site Code: | Not reported |
| Site Type: | Historical |
| Site Type Detailed: | * Historical |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |

**COOPER DRUM COMPANY (Continued)** **1000594211**

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Chatsworth
Assembly: 57
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.04973
Longitude: -118.0589
APN: 8117009005
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 8117009005
Alias Type: APN
Alias Name: 19500245
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/29/1988
Comments: FACILITY IDENTIFIED IDENTIFIED FROM DRIVEBY. COOPER DRUM HAS BEEN ON THE SITE SINCE 1983 AND OPERATED AS A DRUM RECONDITIONI NG FACILITY. TED LEVINE DRUM COMPANY FROM 1977-1981 ACT CONTAINER COMPANY FROM 1981-1983 MARCH 29, 1988 DHS INSPECTED THE FACILIT Y AND FOUND NUMEROUS VIOLATIONS. APRIL 11, 1990 COOPER DRUM PAID 20,000 DOLLARS AS CORRECTIVE ACTION SETTLEMENT. FACILIT Y USED A CONCRETE LINED SUMP FROM 1973- 1983 AND WAS CLOSED IN 1983. THE WASTE MATERIALS CONSIST OF THE RESIDUES OF THE DRUM CONTENTS GENERATED DURING RECON DITIONING. SOIL AND GROUND WATER CONTAMI NATED WITH THESE HAZARDOUS CHEMICALS. STAFF RECOMMENDING PENDING STATUS BECAUS E RWQCB IS CURRENTLY LEAD ON THE SITE.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENF:
Name: COOPER DRUM COMPANY
Address: 9630 EL POCHE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
Facility Id: 215655
Agency Name: Cooper Drum Company
Place Type: Facility

**COOPER DRUM COMPANY (Continued)** **1000594211**

| | |
|---|---|
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.050037 |
| Place Longitude: | -118.059642 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070095 |
| Reg Measure Id: | 156361 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Historical |
| Status Date: | 06/17/2005 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | Not reported |

**COOPER DRUM COMPANY (Continued)** **1000594211**

| | |
|---|---|
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 244315 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 04/17/2003 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/17/2003 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070095 |
| Description: | NOV sent 4/17/03 for overdue emergent chemical survey report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | COOPER DRUM COMPANY |
| Address: | 9630 EL POCHE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 215655 |
| Agency Name: | Cooper Drum Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.050037 |
| Place Longitude: | -118.059642 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |

**COOPER DRUM COMPANY (Continued)** **1000594211**

| | |
|---|---|
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070095 |
| Reg Measure Id: | 156361 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Historical |
| Status Date: | 06/17/2005 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | Not reported |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 242675 |
| Region: | 4 |
| Order / Resolution Number: | SEL |
| Enforcement Action Type: | Staff Enforcement Letter |
| Effective Date: | 01/19/2000 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 01/19/2000 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070095 |
| Description: | Level 1 enforcement letter sent 1/19/00 for overdue soil investigation workplan. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |

**COOPER DRUM COMPANY (Continued)** **1000594211**

| | |
|---|---|
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |
| Name: | COOPER DRUM COMPANY |
| Address: | 9630 EL POCHE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 215655 |
| Agency Name: | Cooper Drum Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.050037 |
| Place Longitude: | -118.059642 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070095 |
| Reg Measure Id: | 156361 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Historical |
| Status Date: | 06/17/2005 |

**COOPER DRUM COMPANY (Continued)** **1000594211**

| | |
|---|---|
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | Not reported |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 239300 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 04/04/2000 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/04/2000 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070095 |
| Description: | Notice of Violation sent 4/4/00 for overdue soil RAP. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | COOPER DRUM COMPANY |
| Address: | 9630 EL POCHE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 215655 |
| Agency Name: | Cooper Drum Company |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.050037 |
| Place Longitude: | -118.059642 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |

**COOPER DRUM COMPANY (Continued)** **1000594211**

| | |
|---|---|
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070095 |
| Reg Measure Id: | 156361 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Historical |
| Status Date: | 06/17/2005 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | Not reported |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 239299 |
| Region: | 4 |
| Order / Resolution Number: | SEL |
| Enforcement Action Type: | Staff Enforcement Letter |
| Effective Date: | 02/09/2000 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 02/09/2000 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |

**COOPER DRUM COMPANY (Continued)** **1000594211**

| | |
|---|---|
| Title: | Enforcement - 4WIP1070095 |
| Description: | Level 1 enforcement letter sent 2/9/00 for overdue soil assessment report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

WIP:

| | |
|---|---|
| Name: | FORMER COOPER DRUM COMPANY |
| Address: | 9630 El Poche St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0095 |
| **File Status:** | **Historical** |
| Staff: | CORTEZ |
| Facility Suite: | Not reported |

---

**AL332** **ACT CONTAINER CO** **RCRA-SQG** **1000108580**
**SE** **9630 EL POCHE ST** **FINDS** **CAD000072231**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **ECHO**
**0.247 mi.**
**1305 ft.** **Site 7 of 8 in cluster AL**

**Relative:** **Lower**
**Actual:** **235 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | ACT CONTAINER CO |
| Facility address: | 9630 EL POCHE ST<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD000072231 |
| Mailing address: | 1100 SOUTH AZUSA AVE<br>CITY OF INDUSTRY, CA 91748 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | ACT CONTAINER COMPANY |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |

**ACT CONTAINER CO (Continued)** **1000108580**

Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 1996-09-01 00:00:00.0
Site name: ACT CONTAINER CO
Classification: Small Quantity Generator

Date form received by agency: 1990-04-16 00:00:00.0
Site name: COOPER DRUM CO
Classification: Large Quantity Generator

Date form received by agency: 1980-08-18 00:00:00.0
Site name: ACT CONTAINER CO
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110002626356
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_

**ACT CONTAINER CO (Continued)** **1000108580**

registry_id=110002626356

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

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

ECHO:

| | |
|---|---|
| Envid: | 1000108580 |
| Registry ID: | 110002626356 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002626356 |
| Name: | ACT CONTAINER CO |
| Address: | 9630 EL POCHE ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

---

**AM333** **SPECTRA-TONE PAINT CORP** **RCRA-SQG** **1000181192**
**ENE** **9635 KLINGERMAN ST** **HIST UST** **CAD981678170**
**1/8-1/4** **SOUTH EL MONTE, CA 91733** **HAZNET**
**0.247 mi.** **WIP**
**1305 ft.** **Site 2 of 5 in cluster AM** **HWTS**

**Relative: Higher**
**Actual: 245 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | SPECTRA-TONE PAINT CORP |
| Facility address: | 9635 KLINGERMAN ST<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD981678170 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Land type: | Facility is not located on Indian land. Additional information is not known. |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | JAMES DABBS |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 1996-09-01 00:00:00.0
Site name: SPECTRA-TONE PAINT CORP
Classification: Small Quantity Generator

Date form received by agency: 1986-10-14 00:00:00.0
Site name: SPECTRA-TONE PAINT CORP
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 2003-01-10 17:22:43.0
Date achieved compliance: 1999-04-06 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 1994-04-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1999-04-06 00:00:00.0
Evaluation lead agency: State Contractor/Grantee

HIST UST:
Name: SPECTRA-TONE PAINT CO.
Address: 9635 KLINGERMAN ST # 43
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000020938
Facility Type: Other
Other Type: PAINT MANUFACTURERS
Contact Name: Not reported
Telephone: 0000000000
Owner Name: SPECTRA TONE PAINT CO.
Owner Address: 9635-43 KLINGERMAN
Owner City,St,Zip: SOUTH EL MONTE, CA 91733-177
Total Tanks: 0003

Tank Num: 001
Container Num: 450
Year Installed: 1964
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3
Leak Detection: Not reported

Tank Num: 002
Container Num: 140
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

Tank Num: 003
Container Num: 350
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Pressure Test

HAZNET:
Name: SPECTRA-TONE PAINT CORP
Address: 9635 KLINGERMAN ST
Address 2: Not reported

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

City,State,Zip: SO EL MONTE, CA 917330000
Contact: FRANK RAY
Telephone: 8002724687
Mailing Name: Not reported
Mailing Address: 9635 KLINGERMAN ST

Year: 1996
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 2.772

Year: 1995
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 8.262

Year: 1995
Gepaid: CAD981678170
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.418

Year: 1994
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 12.042

Year: 1994
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: -
Tons: 2.772

Year: 1993
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station
Tons: 0.1459

Year: 1993
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 291 - Latex waste
Disposal Method: H01 - Transfer Station
Tons: 0.688

Year: 1993
Gepaid: CAD981678170

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

TSD EPA ID: CAD000088252
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 5.148

Year: 1993
Gepaid: CAD981678170
TSD EPA ID: CAD000088252
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H01 - Transfer Station
Tons: 7.615

Year: 1993
Gepaid: CAD981678170
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 5.742

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

Additional Info:
Year: 1996
Gen EPA ID: CAD981678170

Shipment Date: 19960329
Creation Date: 10/16/1996 0:00:00
Receipt Date: 19960329
Manifest ID: 96226836
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
CA Waste Code: 214 - Unspecified solvent mixture
RCRA Code: D001
Disposal Method: H01 - Transfer Station
Quantity Tons: 2.772
Waste Quantity: 770
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1993
Gen EPA ID: CAD981678170

Shipment Date: 19931220

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

| | |
|---|---|
| Creation Date: | 9/14/1995 0:00:00 |
| Receipt Date: | 19931221 |
| Manifest ID: | 93185464 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.342 |
| Waste Quantity: | 90 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19931217 |
| Creation Date: | 9/14/1995 0:00:00 |
| Receipt Date: | 19931217 |
| Manifest ID: | 93185460 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD089446710 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD089446710 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 4.554 |
| Waste Quantity: | 1265 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19930914 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | 19930914 |
| Manifest ID: | 93185287 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

| | |
|---|---|
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 4.158 |
| Waste Quantity: | 1155 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930914 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | 19930914 |
| Manifest ID: | 93185287 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1459 |
| Waste Quantity: | 35 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930824 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | 19930824 |
| Manifest ID: | 93185286 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 291 - Latex waste |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.688 |
| Waste Quantity: | 165 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

| | |
|---|---|
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930824 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | 19930824 |
| Manifest ID: | 93185286 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 2.717 |
| Waste Quantity: | 715 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930824 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | 19930824 |
| Manifest ID: | 93185285 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.2 |
| Waste Quantity: | 400 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19930824 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | 19930824 |
| Manifest ID: | 93185285 |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

| | |
|---|---|
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 4.598 |
| Waste Quantity: | 1210 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19930824 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | 19930824 |
| Manifest ID: | 93185285 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.99 |
| Waste Quantity: | 275 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19930824 |
| Creation Date: | 9/12/1995 0:00:00 |
| Receipt Date: | 19930824 |
| Manifest ID: | 93185286 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

| | |
|---|---|
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1 |
| Waste Quantity: | 200 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1994 |
| Gen EPA ID: | CAD981678170 |
| Shipment Date: | 19941209 |
| Creation Date: | 3/28/1996 0:00:00 |
| Receipt Date: | 19941209 |
| Manifest ID: | 93611586 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 2.52 |
| Waste Quantity: | 700 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19940909 |
| Creation Date: | 3/26/1996 0:00:00 |
| Receipt Date: | 19940909 |
| Manifest ID: | 93611459 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 2.97 |
| Waste Quantity: | 825 |
| Quantity Unit: | G |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940608 |
| Creation Date: | 10/10/1995 0:00:00 |
| Receipt Date: | Not reported |
| Manifest ID: | 93611319 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | - Not reported |
| Quantity Tons: | 2.772 |
| Waste Quantity: | 770 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940516 |
| Creation Date: | 3/25/1996 0:00:00 |
| Receipt Date: | 19940516 |
| Manifest ID: | 93611291 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.8 |
| Waste Quantity: | 3600 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19940516 |
| Creation Date: | 3/25/1996 0:00:00 |
| Receipt Date: | 19940516 |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

| | |
|---|---|
| Manifest ID: | 93611291 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 1.188 |
| Waste Quantity: | 330 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19940310 |
| Creation Date: | 3/25/1996 0:00:00 |
| Receipt Date: | 19940310 |
| Manifest ID: | 93185574 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 3.564 |
| Waste Quantity: | 990 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1995 |
| Gen EPA ID: | CAD981678170 |

| | |
|---|---|
| Shipment Date: | 19951228 |
| Creation Date: | 7/29/1996 0:00:00 |
| Receipt Date: | 19951228 |
| Manifest ID: | 95574667 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

| | |
|---|---|
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 2.772 |
| Waste Quantity: | 770 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950928 |
| Creation Date: | 7/26/1996 0:00:00 |
| Receipt Date: | 19950928 |
| Manifest ID: | 95574489 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.418 |
| Waste Quantity: | 110 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950622 |
| Creation Date: | 4/2/1996 0:00:00 |
| Receipt Date: | 19950622 |
| Manifest ID: | 93611923 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 2.97 |
| Waste Quantity: | 825 |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19950323 |
| Creation Date: | 3/29/1996 0:00:00 |
| Receipt Date: | 19950323 |
| Manifest ID: | 93611723 |
| Trans EPA ID: | CAD983615287 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 2.52 |
| Waste Quantity: | 700 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

WIP:

| | |
|---|---|
| Name: | SPECTRA-TONE PAINT CO. |
| Address: | 9635 Klingerman St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0344 |
| **File Status:** | **Historical** |
| Staff: | YLU |
| Facility Suite: | Not reported |

HWTS:

| | |
|---|---|
| Name: | SPECTRA-TONE PAINT CORP |
| Address: | 9635 KLINGERMAN ST |
| Address 2: | Not reported |
| City,State,Zip: | SO EL MONTE, CA 917330000 |
| EPA ID: | CAD981678170 |
| Inactive Date: | 06/18/1996 |
| Create Date: | 04/10/1987 |
| Last Act Date: | 09/14/2004 |
| Mailing Name: | Not reported |
| Mailing Address: | 9635 KLINGERMAN ST |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | SOUTH EL MONTE, CA 917331775 |
| Owner Name: | JAMES D. DABBS, PRESIDENT |
| Owner Address: | 9635 KLINGERMAN ST |

**SPECTRA-TONE PAINT CORP (Continued)** **1000181192**

Owner Address 2: Not reported
Owner City,State,Zip: SO EL MONTE, CA 917330000
Contact Name: FRANK RAY
Contact Address: 9635 KLINGERMAN ST UNDELIV V97 -PH
Contact Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917331775

---

**AM334** **SPECTRA-TONE PAINT CO** **HIST UST** **S118415566**
**ENE** **9635-43 KLINGERMAN** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.247 mi.**
**1305 ft.** **Site 3 of 5 in cluster AM**

**Relative:** **Higher**
**Actual:** **245 ft.**

HIST UST:
Name: SPECTRA-TONE PAINT CO
Address: 9635-43 KLINGERMAN
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 000287D5
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000287D5.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

---

**AN335** **AMTECH** **WIP** **S107257109**
**ESE** **9662 E RUSH ST** **N/A**
**1/8-1/4** **SOUTH EL MONTE, CA 91733**
**0.248 mi.**
**1307 ft.** **Site 2 of 3 in cluster AN**

**Relative:** **Higher**
**Actual:** **239 ft.**

WIP:
Name: AMTECH
Address: 9662 E Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.2231
**File Status:** **Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

**336 West 1/8-1/4 0.249 mi. 1315 ft.** — **SUNRISE INDUSTRIES**, **2028 LOMA AVE.**, **SOUTH EL MONTE, CA 91733** — **CPS-SLIC**, **CERS HAZ WASTE**, **WIP**, **CERS** — **S106484620**, **N/A**

**Relative: Lower**

**Actual: 230 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | SUNRISE INDUSTRIES |
| Address: | 2028 LOMA AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 10/29/2014 |
| Global Id: | SL603798810 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.0485029209302 |
| Longitude: | -118.046901283721 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.1563 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

| | |
|---|---|
| Name: | AUTOPRO BODY & PAINT INC |
| Address: | 2028 LOMA AVE # B |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 96305 |
| CERS ID: | 10284694 |
| CERS Description: | Hazardous Waste Generator |

WIP:

| | |
|---|---|
| Name: | SUNRISE INDUSTRIES |
| Address: | 2028 Loma Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1563 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | AUTOPRO BODY & PAINT INC |
| Address: | 2028 LOMA AVE # B |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 96305 |
| CERS ID: | 10284694 |
| CERS Description: | Chemical Storage Facilities |

Violations:

| | |
|---|---|
| Site ID: | 96305 |
| Site Name: | AUTOPRO BODY & PAINT INC |

**SUNRISE INDUSTRIES (Continued)** **S106484620**

| | |
|---|---|
| Violation Date: | 03-31-2015 |
| Citation: | HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d) |
| Violation Description: | Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | Returned to compliance on 08/02/2017. OBSERVATION: A business plan has not been received by the CUPA. The facility was previously sent a notice/request from the CUPA for the submittal of a business plan. CORRECTIVE ACTION: Submit the business plan electronically in the California Environmental Reporting System (CERS) and implement immediately. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HMRRP |
| Violation Source: | CERS |
| | |
| Site ID: | 96305 |
| Site Name: | AUTOPRO BODY & PAINT INC |
| Violation Date: | 03-31-2015 |
| Citation: | 22 CCR 23 66273.40(a)(3) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.40(a)(3) |
| Violation Description: | Failure of the universal waste handler who sends electronic devices, CRTs, and/or CRT glass to any foreign destination to complete the following: (1) Notify the Department 60 days prior to the intended export before any electronic devices, CRTs, and/or CRT glass are scheduled to leave the United States and cover all export activities extending over the next twelve (12) month or lesser period; (2) Concurrently send a copy of the notification required pursuant to subsection of this section, to the CUPA having jurisdiction over the universal waste handlerG s facility. |
| Violation Notes: | Returned to compliance on 08/02/2017. OBSERVATION: Copies of hazardous waste disposal records for waste solvent were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA by April 30, 2015. |
| Violation Division: | Los Angeles County Fire Department |
| Violation Program: | HW |
| Violation Source: | CERS |
| | |
| Site ID: | 96305 |
| Site Name: | AUTOPRO BODY & PAINT INC |
| Violation Date: | 05-07-2018 |
| Citation: | HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507 |
| Violation Description: | Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. |
| Violation Notes: | OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. 2 x 55 gallon HW oil drums. CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. |

**SUNRISE INDUSTRIES (Continued)** **S106484620**

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Bach Nguyen, owner
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Bach Nguyen, owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: BACH NGUYEN
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: BACH NGUYEN
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

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

Affiliation Type Desc: Parent Corporation
Entity Name: AUTOPRO BODY & PAINT INC
Entity Title: Not reported
Affiliation Address: Not reported

**SUNRISE INDUSTRIES (Continued)** **S106484620**

| | |
|---|---|
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Facility Mailing Address |
| Entity Name: | Mailing Address |
| Entity Title: | Not reported |
| Affiliation Address: | 2028 LOMA AVENUE UNIT B |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | CUPA District |
| Entity Name: | Los Angeles County Fire |
| Entity Title: | Not reported |
| Affiliation Address: | 5825 Rickenbacker Road |
| Affiliation City: | Commerce |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 90040-3027 |
| Affiliation Phone: | (323) 890-4045 |
| | |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | AUTOPRO BODY & PAINT INC |
| Entity Title: | Not reported |
| Affiliation Address: | 2028 LOMA AVE UNIT B |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | (626) 350-1978 |
| | |
| Affiliation Type Desc: | Operator |
| Entity Name: | BACH NGUYEN |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | (626) 536-3531 |
| | |
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | BACH NGUYEN |
| Entity Title: | Not reported |
| Affiliation Address: | 2028 LOMA AVE #B |
| Affiliation City: | SOUTH EL MONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 91733 |
| Affiliation Phone: | Not reported |
| | |
| Affiliation Type Desc: | Identification Signer |

**SUNRISE INDUSTRIES (Continued)** **S106484620**

| | |
|---|---|
| Entity Name: | Bach Nguyen |
| Entity Title: | Owner |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Property Owner |
| Entity Name: | Charles Hofgaarden |
| Entity Title: | Not reported |
| Affiliation Address: | 891 Flintridge Ave |
| Affiliation City: | LaCanada-Flintridge |
| Affiliation State: | CA |
| Affiliation Country: | United States |
| Affiliation Zip: | 91011 |
| Affiliation Phone: | (818) 790-8401 |
| Name: | SUNRISE INDUSTRIES |
| Address: | 2028 LOMA AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 236055 |
| CERS ID: | SL603798810 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JEFFREY HU - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**AI337** **BURKE ENGINEERING CO.** **CPS-SLIC** **S106484574**
**East** **9700 FACTORIAL WAY.** **HAULERS** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **NPDES**
**0.258 mi.** **WIP**
**1362 ft.** **Site 2 of 2 in cluster AI** **CERS**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | BURKE ENGINEERING CO. |
| Address: | 9700 FACTORIAL WAY. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 08/18/2014 |
| Global Id: | SL603798763 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.0485029209302 |
| Longitude: | -118.046901283721 |
| Case Type: | Cleanup Program Site |

**BURKE ENGINEERING CO. (Continued)** **S106484574**

| | |
|---|---|
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 107.0670 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

HAULERS:

| | |
|---|---|
| Name: | RANDY S TIRE SERVICE |
| Address: | 9700 FACTORIAL WAY |
| City,State,Zip: | SOUTH EL MONTE, CA 91733-1725 |
| Facility ID: | 1764078 |
| Facility Phone: | (626) 375-4103 |
| Business Email Address: | Not reported |
| Contact Person: | Randy Wang |
| Mailing Address: | 9700 Factorial Way |
| Mailing City: | South El Monte |
| Mailing State: | CA |
| Mailing Zip: | 91733-1725 |
| Mailing County: | Not reported |
| Mailing Phone: | (626) 375-4103 |
| Current Status: | Active Business |
| Current Hauler Status: | Hauler - Registered |
| Accepting Tires From Public: | No |
| Regulatory Status Last Changed: | 10/4/2013 |
| Business Types: | -- |

NPDES:

| | |
|---|---|
| Name: | RANDY TIRE SERVICE |
| Address: | 9700 FACTORIAL WAY |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Not reported |
| NPDES Number: | Not reported |
| Region: | Not reported |
| Agency Number: | Not reported |
| Regulatory Measure ID: | Not reported |
| Place ID: | Not reported |
| Order Number: | Not reported |
| WDID: | 4 19NEC004864 |
| Regulatory Measure Type: | Industrial |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Active |
| Status Date: | 01/15/2019 |
| Operator Name: | Randy Tire Service |

**BURKE ENGINEERING CO. (Continued)** **S106484574**

| | |
|---|---|
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |
| | |
| Name: | RANDY TIRE SERVICE |
| Address: | 9700 FACTORIAL WAY |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility Status: | Active |
| NPDES Number: | CAS000001 |
| Region: | 4 |
| Agency Number: | 0 |
| Regulatory Measure ID: | 504793 |
| Place ID: | Not reported |
| Order Number: | 97-03-DWQ |
| WDID: | 4 19NEC004864 |
| Regulatory Measure Type: | Enrollee |
| Program Type: | Industrial |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | 01/15/2019 |
| Termination Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Discharge Address: | 9700 Factorial Way |
| Discharge Name: | Randy Tire Service |
| Discharge City: | South El Monte |
| Discharge State: | California |
| Discharge Zip: | 91733 |
| Status: | Not reported |
| Status Date: | Not reported |
| Operator Name: | Not reported |
| Operator Address: | Not reported |
| Operator City: | Not reported |
| Operator State: | Not reported |
| Operator Zip: | Not reported |

WIP:

| | |
|---|---|
| Name: | BURKE ENGINEERING CO. |
| Address: | 9700 Factorial Way |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0670 |
| **File Status:** | **Backlog** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | BURKE ENGINEERING CO. |
| Address: | 9700 FACTORIAL WAY. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 205240 |
| CERS ID: | SL603798763 |
| CERS Description: | Cleanup Program Site |
| | |
| Name: | RANDY TIRE SERVICE |
| Address: | 9700 FACTORIAL WAY |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

**BURKE ENGINEERING CO. (Continued)** **S106484574**

Site ID: 540424
CERS ID: 869517
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Randy Tire Service
Entity Title: Operator
Affiliation Address: 9700 Factorial Way
Affiliation City: South El Monte
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91733
Affiliation Phone: Not reported

---

**AM338** **FORMER PRIME ENGINEERING** **CPS-SLIC** **S106766233**
**ENE** **9702 KLINGERMAN ST** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA** **CERS**
**0.263 mi.**
**1387 ft.** **Site 4 of 5 in cluster AM**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

CPS-SLIC:
Name: FORMER PRIME ENGINEERING
Address: 9702 KLINGERMAN ST.
City,State,Zip: SOUTH EL MONTE, CA
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 04/01/2000
Global Id: SL603798872
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0485029209302
Longitude: -118.046901283721
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.5986
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: FORMER PRIME ENGINEERING
Address: 9702 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA
Region: 4
File Number: 107.5986
**File Status:** **Active**
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: FORMER PRIME ENGINEERING

**FORMER PRIME ENGINEERING (Continued)** **S106766233**

| | |
|---|---|
| Address: | 9702 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Site ID: | 238004 |
| CERS ID: | SL603798872 |
| CERS Description: | Cleanup Program Site |

---

**AK339** **MARGE WARNER** **LUST** **S102058786**
**NW** **2459 LEE AVE N** **Cortese** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **HIST CORTESE**
**0.265 mi.** **LOS ANGELES CO. HMS**
**1400 ft.** **Site 6 of 6 in cluster AK** **CERS**

**Relative:**
**Lower**

**Actual:**
**236 ft.**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | I-23117 | |
| Status: | Case Closed | |
| Substance: | 1 | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Soil | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603704498 | |
| W Global ID: | Not reported | |
| Staff: | UNK | |
| Local Agency: | 19000 | |
| Cross Street: | Not reported | |
| Enforcement Type: | Not reported | |
| Date Leak Discovered: | Not reported | |
| Date Leak First Reported: | | 12/12/1995 |
| Date Leak Record Entered: | 12/18/1995 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | Not reported | |
| Date Case Last Changed on Database: | | 12/12/1995 |
| Date the Case was Closed: | | 12/12/1995 |
| How Leak Discovered: | Not reported | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | UNK | |
| Leak Source: | UNK | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 1628.583207214364804224860 7005 |
| Source of Cleanup Funding: | | UNK |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | Not reported |
| Pollution Characterization Began: | | Not reported |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | Not reported |
| Historical Max MTBE Date: | | Not reported |
| Hist Max MTBE Conc in Groundwater: | | Not reported |
| Hist Max MTBE Conc in Soil: | | Not reported |
| Significant Interim Remedial Action Taken: | | Not reported |
| GW Qualifier: | Not reported | |
| Soil Qualifier: | Not reported | |

**MARGE WARNER (Continued)** **S102058786**

| | |
|---|---|
| Organization: | Not reported |
| Owner Contact: | Not reported |
| Responsible Party: | MS MARGE WARNER |
| RP Address: | TEMPLE CITY CA 91780-3848 |
| Program: | LUST |
| Lat/Long: | 34.0565144 / -1 |
| Local Agency Staff: | Not reported |
| Beneficial Use: | Not reported |
| Priority: | Not reported |
| Cleanup Fund Id: | Not reported |
| Suspended: | Not reported |
| Assigned Name: | Not reported |
| Summary: | Not reported |

LUST:

| | |
|---|---|
| Name: | MARGE WARNER |
| Address: | 2459 LEE AVE N |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Lead Agency: | LOS ANGELES COUNTY |
| Case Type: | LUST Cleanup Site |
| Geo Track: | http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704498 |
| Global Id: | T0603704498 |
| Latitude: | 34.0565144 |
| Longitude: | -118.0673313 |
| Status: | Completed - Case Closed |
| Status Date: | 12/12/1995 |
| Case Worker: | JOA |
| RB Case Number: | I-23117 |
| Local Agency: | LOS ANGELES COUNTY |
| File Location: | Not reported |
| Local Case Number: | Not reported |
| Potential Media Affect: | Soil |
| Potential Contaminants of Concern: | Aviation |
| Site History: | Not reported |

LUST:

| | |
|---|---|
| Global Id: | T0603704498 |
| Contact Type: | Local Agency Caseworker |
| Contact Name: | JOHN AWUJO |
| Organization Name: | LOS ANGELES COUNTY |
| Address: | 900 S FREMONT AVE |
| City: | ALHAMBRA |
| Email: | jawujo@dpw.lacounty.gov |
| Phone Number: | 6264583507 |

| | |
|---|---|
| Global Id: | T0603704498 |
| Contact Type: | Regional Board Caseworker |
| Contact Name: | YUE RONG |
| Organization Name: | LOS ANGELES RWQCB (REGION 4) |
| Address: | 320 W. 4TH ST., SUITE 200 |
| City: | Los Angeles |
| Email: | yrong@waterboards.ca.gov |
| Phone Number: | Not reported |

LUST:

| | |
|---|---|
| Global Id: | T0603704498 |
| Action Type: | Other |

**MARGE WARNER (Continued)** **S102058786**

Date: 12/12/1995
Action: Leak Reported

LUST:
Global Id: T0603704498
Status: Completed - Case Closed
Status Date: 12/12/1995

Global Id: T0603704498
Status: Open - Case Begin Date
Status Date: 12/12/1995

CORTESE:
Name: MARGE WARNER
Address: 2459 LEE AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603704498
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: MARGE WARNER
edr_fadd1: 2459 LEE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-23117

LOS ANGELES CO. HMS:
Name: MARGE WARNER
Address: 2459 LEE AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 013729-023117

**MARGE WARNER (Continued)** **S102058786**

Facility Type: 1
Facility Status: Removed
Area: 3U
Permit Number: 000148279
Permit Status: Removed

CERS:
Name: MARGE WARNER
Address: 2459 LEE AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 236564
CERS ID: T0603704498
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

---

**AN340** **B.I.G. ENTERPRISES, INC.** **CPS-SLIC** **S106484607**
**ESE** **9702 RUSH ST.** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733**
**0.266 mi.**
**1402 ft.** **Site 3 of 3 in cluster AN**

**Relative:**
**Higher**

**Actual:**
**239 ft.**

CPS-SLIC:
Name: B.I.G. ENTERPRISES, INC.
Address: 9702 RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Open - Inactive**
Status Date: 10/29/2014
Global Id: SL603798797
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0515468792919
Longitude: -118.058841399965
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 107.1304

**B.I.G. ENTERPRISES, INC. (Continued)** **S106484607**

File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: B.I.G. ENTERPRISES, INC.
Address: 9702 Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1304
**File Status: Active**
Staff: REHE
Facility Suite: Not reported

---

**AL341** **L&L SCREW MACH. PROD. INC.** **CPS-SLIC S106484594**
**SE** **9653 EL POCHE ST** **WIP N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.273 mi.**
**1444 ft.** **Site 8 of 8 in cluster AL**

**Relative: Higher**
**Actual: 237 ft.**

CPS-SLIC:
Name: L & L SCREW MACHINE PRODUCTS, INC.
Address: 9653 EL POCHE STREET
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status: Completed - Case Closed**
Status Date: 06/21/2010
Global Id: SL603798784
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.050337
Longitude: -118.058107
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.1121
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Soil, Soil Vapor
Potential Contaminants of Concern: Acetone, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History: The Regional Board issued a No Further Action (NFA) letter on September 16, 1998 for soils only. On February 3, 2006, L & L Screw Products, Inc. entered a Consent Decree with USEPA through which settlement was determined by a cash-out. On March 31, 2008 the settlement was paid and the USEPA requirements were satisfied.

Click here to access the California GeoTracker records for this facility:

WIP:
Name: L&L SCREW MACH. PROD. INC.
Address: 9653 El Poche St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1121

**L&L SCREW MACH. PROD. INC. (Continued)** **S106484594**

**File Status:** **Active**
Staff: REHE
Facility Suite: Not reported

CERS:
Name: L & L SCREW MACHINE PRODUCTS, INC.
Address: 9653 EL POCHE STREET
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 254129
CERS ID: SL603798784
CERS Description: Cleanup Program Site

---

**AO342** **MEDISOL USA** **CPS-SLIC** **S106484572**
**East** **9713 FACTORIAL WAY** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.275 mi.**
**1453 ft.** **Site 1 of 3 in cluster AO**

**Relative:**
**Higher**

**Actual:**
**244 ft.**

CPS-SLIC:
Name: MEDISOL USA
Address: 9713 FACTORIAL WAY.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 10/31/1997
Global Id: SL603798761
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.054133
Longitude: -118.057765
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0639
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: MEDISOL USA
Address: 9713 Factorial Way
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0639
**File Status:** **Backlog**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: MEDISOL USA
Address: 9713 FACTORIAL WAY.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 251835

**MEDISOL USA (Continued)** **S106484572**

CERS ID: SL603798761
CERS Description: Cleanup Program Site

---

**AM343** **ROC-AIRE CORP.** **CPS-SLIC** **S106484613**
**ENE** **9710 KLINGERMAN ST** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.277 mi.**
**1463 ft.** **Site 5 of 5 in cluster AM**

**Relative:**
**Higher**

**Actual:**
**246 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | ROC-AIRE CORP. |
| Address: | 9710 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 03/02/1995 |
| Global Id: | SL603798803 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.055407 |
| Longitude: | -118.058166 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 107.1454 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | ROC-AIRE CORP. |
| Address: | 9710 Klingerman St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1454 |
| **File Status:** | **Active** |
| Staff: | CORTEZ |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | ROC-AIRE CORP. |
| Address: | 9710 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 212420 |
| CERS ID: | SL603798803 |
| CERS Description: | Cleanup Program Site |

**AP344** **BARRY ZWAHLEN** **CPS-SLIC** **S102058589**
**West** **2217 LOMA** **ENF** **N/A**
**1/4-1/2** **EL MONTE, CA 91733** **LOS ANGELES CO. HMS**
**0.278 mi.** **CERS**
**1467 ft.** **Site 1 of 2 in cluster AP**

**Relative:**
**Lower**

**Actual:**
**233 ft.**

SLIC REG 4:

| | |
|---|---|
| Region: | 4 |
| Facility Status: | Not reported |
| SLIC: | 0233 |
| Substance: | VOCs |
| Staff: | Not reported |

CPS-SLIC:

| | |
|---|---|
| Name: | MR. BARRY ZWAHLEN |
| Address: | 2217 LOMA AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 10/29/2014 |
| Global Id: | SL603798741 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.052916 |
| Longitude: | -118.067775 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.0416 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

ENF:

| | |
|---|---|
| Name: | MR. BARRY ZWAHLEN |
| Address: | 2217 LOMA |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 241731 |
| Agency Name: | Zwahlen, Barry |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.054253 |
| Place Longitude: | -118.068745 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |

**BARRY ZWAHLEN (Continued)** **S102058589**

| | |
|---|---|
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070416 |
| Reg Measure Id: | 154869 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Historical |
| Status Date: | 06/17/2005 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | Not reported |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 244358 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 04/17/2003 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/17/2003 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070416 |

**BARRY ZWAHLEN (Continued)** **S102058589**

| | |
|---|---|
| Description: | NOV sent 4/17/03 for overdue emergent chemical survey report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |
| | |
| Name: | MR. BARRY ZWAHLEN |
| Address: | 2217 LOMA |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 241731 |
| Agency Name: | Zwahlen, Barry |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.054253 |
| Place Longitude: | -118.068745 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070416 |
| Reg Measure Id: | 154869 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |

**BARRY ZWAHLEN (Continued)** **S102058589**

| | |
|---|---|
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Historical |
| Status Date: | 06/17/2005 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | Not reported |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 225975 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Clean-up and Abatement Order |
| Effective Date: | 12/16/1991 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 12/16/1991 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070416 |
| Description: | Not reported |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | BARRY ZWAHLEN |
| Address: | 2217 LOMA AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 917332517 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 008399-021123 |
| Facility Type: | 01 |
| Facility Status: | Closed |
| Area: | 3U |
| Permit Number: | 000089395 |

**BARRY ZWAHLEN (Continued)** **S102058589**

Permit Status: Closed

CERS:

| | |
|---|---|
| Name: | MR. BARRY ZWAHLEN |
| Address: | 2217 LOMA AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 208749 |
| CERS ID: | SL603798741 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JEFFREY HU - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**AQ345** **ZACKY FARMS** **RCRA-SQG** **1000273364**
**WNW** **2325 S LOMA ST** **LUST** **CAD981672876**
**1/4-1/2** **EL MONTE, CA 91733** **SWEEPS UST**
**0.295 mi.** **HIST UST**
**1557 ft.** **Site 1 of 3 in cluster AQ** **FINDS**
**ECHO**
**Relative: Lower** **WDS**

**Actual: 233 ft.**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1986-11-19 00:00:00.0 |
| Facility name: | ZACKY FARMS |
| Facility address: | 2325 S LOMA ST<br>EL MONTE, CA 91733 |
| EPA ID: | CAD981672876 |
| Mailing address: | S LOMA ST<br>EL MONTE, CA 91733 |
| Contact: | ENVIRONMENTAL MANAGER |
| Contact address: | 2325 S LOMA ST<br>EL MONTE, CA 91733 |
| Contact country: | US |
| Contact telephone: | 818-401-4253 |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | AL & BOB ZACKY |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |

**ZACKY FARMS (Continued)** **1000273364**

Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-03835
Status: Leak being confirmed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: ED OT
Global ID: T0603792888
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: KLINGERMAN ST

**ZACKY FARMS (Continued)** **1000273364**

| | | |
|---|---|---|
| Enforcement Type: | Not reported | |
| Date Leak Discovered: | 8/1/2000 | |
| Date Leak First Reported: | | 10/4/2000 |
| Date Leak Record Entered: | Not reported | |
| Date Confirmation Began: | 8/1/2000 | |
| Date Leak Stopped: | Not reported | |
| Date Case Last Changed on Database: | | 10/4/2000 |
| Date the Case was Closed: | | Not reported |
| How Leak Discovered: | Repair Tank | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | Not reported | |
| Leak Source: | Tank | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 1814.4837233879825555360381755 |
| Source of Cleanup Funding: | | Tank |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | Not reported |
| Pollution Characterization Began: | | Not reported |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | Not reported |
| Historical Max MTBE Date: | | Not reported |
| Hist Max MTBE Conc in Groundwater: | | Not reported |
| Hist Max MTBE Conc in Soil: | | Not reported |
| Significant Interim Remedial Action Taken: | | Not reported |
| GW Qualifier: | Not reported | |
| Soil Qualifier: | Not reported | |
| Organization: | Not reported | |
| Owner Contact: | Not reported | |
| Responsible Party: | ZACKY & SON POULTRY CO | |
| RP Address: | P.O. BOX 8014, SOUTH EL MONTE, CA 91733 | |
| Program: | LUST | |
| Lat/Long: | 34.05461 / -1 | |
| Local Agency Staff: | Not reported | |
| Beneficial Use: | Not reported | |
| Priority: | Not reported | |
| Cleanup Fund Id: | Not reported | |
| Suspended: | Not reported | |
| Assigned Name: | Not reported | |
| Summary: | Not reported | |

SWEEPS UST:

| | |
|---|---|
| Name: | ZACKY&SONS POULTRY CO |
| Address: | 2325 N LOMA AVE |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 3835 |
| Number: | 9 |
| Board Of Equalization: | 44-007769 |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-003835-000001 |

**ZACKY FARMS (Continued)** **1000273364**

Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Name: ZACKY&SONS POULTRY CO
Address: 2325 N LOMA AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 3835
Number: 9
Board Of Equalization: 44-007769
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-003835-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: ZACKY&SONS POULTRY CO
Address: 2325 N LOMA AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 3835
Number: 9
Board Of Equalization: 44-007769
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-003835-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: ZACKY FOODS
Address: 2325 LOMA AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000055932
Facility Type: Gas Station

**ZACKY FARMS (Continued)** **1000273364**

| | |
|---|---|
| Other Type: | Not reported |
| Contact Name: | DON PENNINGTON |
| Telephone: | 2137246371 |
| Owner Name: | ZACKY FOODS |
| Owner Address: | 6104 E. SHEILA |
| Owner City,St,Zip: | COMMERCE, CA 90040 |
| Total Tanks: | 0007 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00002000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | UNLEADED |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual, Stock Inventor |
| | |
| Tank Num: | 002 |
| Container Num: | 2 |
| Year Installed: | Not reported |
| Tank Capacity: | 00010000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual, Stock Inventor |
| | |
| Tank Num: | 003 |
| Container Num: | 3 |
| Year Installed: | Not reported |
| Tank Capacity: | 00010000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual, Stock Inventor |
| | |
| Tank Num: | 004 |
| Container Num: | 4 |
| Year Installed: | Not reported |
| Tank Capacity: | 00005000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | DIESEL |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual, Stock Inventor |
| | |
| Tank Num: | 005 |
| Container Num: | 5 |
| Year Installed: | Not reported |
| Tank Capacity: | 00005000 |
| Tank Used for: | PRODUCT |
| Type of Fuel: | REGULAR |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Visual, Stock Inventor |
| | |
| Tank Num: | 006 |
| Container Num: | 6 |
| Year Installed: | Not reported |
| Tank Capacity: | 00005000 |

**ZACKY FARMS (Continued)** **1000273364**

Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 007
Container Num: 7
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: WASTE
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

FINDS:
Registry ID: 110002745281
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002745281

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000273364
Registry ID: 110002745281
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002745281
Name: ZACKY FARMS
Address: 2325 S LOMA ST
City,State,Zip: EL MONTE, CA 91733

WDS:
Name: ZACKY FOODS
Address: 2325 S LOMA St
City: EL MONTE
Facility ID: 4 19I004628
Facility Type: ?
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: ZACKY FARMS
Agency Address: Not reported

**ZACKY FARMS (Continued)** **1000273364**

| | |
|---|---|
| Agency City,St,Zip: | 0 |
| Agency Contact: | Not reported |
| Agency Telephone: | Not reported |
| Agency Type: | Private |
| SIC Code: | 0 |
| SIC Code 2: | Not reported |
| Primary Waste Type: | Not reported |
| Primary Waste: | Not reported |
| Waste Type2: | Not reported |
| Waste2: | Not reported |
| Primary Waste Type: | Not reported |
| Secondary Waste: | Not reported |
| Secondary Waste Type: | Not reported |
| Design Flow: | 0 |
| Baseline Flow: | 0 |
| Reclamation: | Not reported |
| POTW: | Not reported |
| Treat To Water: | Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality. |
| Complexity: | Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds. |

---

**AQ346** **ZACKY FOODS CO** **LUST S111711317**
**WNW** **2325 LOMA AVE N** **CERS N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733**
**0.295 mi.**
**1557 ft.** **Site 2 of 3 in cluster AQ**

**Relative:**
**Lower**

**Actual:**
**233 ft.**

LUST:

| | |
|---|---|
| Name: | ZACKY FOODS CO |
| Address: | 2325 LOMA AVE N |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Lead Agency: | LOS ANGELES COUNTY |
| Case Type: | LUST Cleanup Site |
| Geo Track: | http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603792888 |
| Global Id: | T0603792888 |
| Latitude: | 34.055205 |
| Longitude: | -118.069194 |
| Status: | Completed - Case Closed |
| Status Date: | 07/24/2001 |
| Case Worker: | IEO |
| RB Case Number: | R-03835 |
| Local Agency: | LOS ANGELES COUNTY |
| File Location: | Not reported |
| Local Case Number: | Not reported |
| Potential Media Affect: | Soil |
| Potential Contaminants of Concern: | Other Solvent or Non-Petroleum Hydrocarbon |
| Site History: | Not reported |

LUST:

**ZACKY FOODS CO (Continued)** **S111711317**

Global Id: T0603792888
Contact Type: Local Agency Caseworker
Contact Name: IHEANACHO OFO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: iofo@dpw.lacounty.gov
Phone Number: 6264583512

Global Id: T0603792888
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603792888
Action Type: Other
Date: 08/01/2000
Action: Leak Discovery

Global Id: T0603792888
Action Type: Other
Date: 10/04/2000
Action: Leak Reported

LUST:
Global Id: T0603792888
Status: Open - Case Begin Date
Status Date: 08/01/2000

Global Id: T0603792888
Status: Open - Site Assessment
Status Date: 08/01/2000

Global Id: T0603792888
Status: Completed - Case Closed
Status Date: 07/24/2001

CERS:
Name: ZACKY FOODS CO
Address: 2325 LOMA AVE N
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 204323
CERS ID: T0603792888
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: IHEANACHO OFO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE

**ZACKY FOODS CO (Continued)** **S111711317**

| | |
|---|---|
| Affiliation City: | ALHAMBRA |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 6264583512 |
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | YUE RONG - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | Los Angeles |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**AQ347** **ZACKY FOODS CO** **Cortese** **S125984462**
**WNW** **2325 LOMA AVE N** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733**
**0.295 mi.**
**1557 ft.** **Site 3 of 3 in cluster AQ**

**Relative:** CORTESE:
**Lower**

**Actual:**
**233 ft.**

| | |
|---|---|
| Name: | ZACKY FOODS CO |
| Address: | 2325 LOMA AVE N |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | CORTESE |
| Envirostor Id: | Not reported |
| Global ID: | T0603792888 |
| Site/Facility Type: | LUST CLEANUP SITE |
| Cleanup Status: | COMPLETED - CASE CLOSED |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | active |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

**AO348** **SQUARE TOOL & MACHINE CO** **RCRA-SQG** **1000155286**
**East** **9730 FACTORIAL WAY** **LUST** **CAD981370547**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **SWEEPS UST**
**0.322 mi.** **HIST UST**
**1702 ft.** **Site 2 of 3 in cluster AO** **FINDS**
**ECHO**
**Relative:** **Cortese**
**Higher** **HAZNET**
**Actual:** **LOS ANGELES CO. HMS**
**245 ft.** **WIP**
**CERS**
**HWTS**

RCRA-SQG:

| | |
|---|---|
| Date form received by agency: | 1996-09-01 00:00:00.0 |
| Facility name: | SQUARE TOOL & MACHINE CO |
| Facility address: | 9730 FACTORIAL WAY<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD981370547 |
| Contact: | Not reported |
| Contact address: | Not reported<br>Not reported |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 09 |
| Classification: | Small Small Quantity Generator |
| Description: | Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | NOT REQUIRED |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | HAROLD L RESA |
| Owner/operator address: | NOT REQUIRED<br>NOT REQUIRED, ME 99999 |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | 415-555-1212 |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | Not reported |
| Owner/Op end date: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

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

Historical Generators:
Date form received by agency: 1986-01-24 00:00:00.0
Site name: SQUARE TOOL & MACHINE CO
Classification: Large Quantity Generator

Violation Status: No violations found

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-09220
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603704789
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: POTRERO AVE.
Enforcement Type: Not reported
Date Leak Discovered: 9/21/1995
Date Leak First Reported: 10/11/1995
Date Leak Record Entered: 11/27/1995
Date Confirmation Began: Not reported
Date Leak Stopped: 9/21/1995
Date Case Last Changed on Database: 2/6/1996
Date the Case was Closed: 2/6/1996
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: Structure Failure
Leak Source: Tank
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2753.960092658593016192646754 6
Source of Cleanup Funding: Tank

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: 10/11/1995
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: SQUARE TOOL & MACHINE CO INC
RP Address: 9730 FACTORIAL WAY, S. EL MONTE, CA 91733
Program: LUST
Lat/Long: 34.0540344 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: OLD CASENO '112795-1E' & '112995-5' REPLACED BY THIS RECORD

LUST:
Name: SQUARE TOOL & MACHINE CO INC
Address: 9730 FACTORIAL WY E
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704789
Global Id: T0603704789
Latitude: 34.0540344
Longitude: -118.057711
Status: Completed - Case Closed
Status Date: 02/06/1996
Case Worker: JOA
RB Case Number: R-09220
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603704789
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

Global Id: T0603704789
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704789
Action Type: Other
Date: 09/21/1995
Action: Leak Discovery

Global Id: T0603704789
Action Type: Other
Date: 09/21/1995
Action: Leak Stopped

Global Id: T0603704789
Action Type: Other
Date: 10/11/1995
Action: Leak Reported

LUST:
Global Id: T0603704789
Status: Open - Case Begin Date
Status Date: 09/21/1995

Global Id: T0603704789
Status: Open - Remediation
Status Date: 10/11/1995

Global Id: T0603704789
Status: Completed - Case Closed
Status Date: 02/06/1996

SWEEPS UST:
Name: SQUARE TOOL & MACHINE CO, INC
Address: 9730 E FACTORIAL WAY
City: SOUTH EL MONTE
Status: Active
Comp Number: 9220
Number: 9
Board Of Equalization: 44-008365
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009220-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

STG: W
Content: Not reported
Number Of Tanks: 2

Name: SQUARE TOOL & MACHINE CO, INC
Address: 9730 E FACTORIAL WAY
City: SOUTH EL MONTE
Status: Active
Comp Number: 9220
Number: 9
Board Of Equalization: 44-008365
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009220-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: SQUARE TOOL AND MACHINE CO INC
Address: 9730 FACTORIAL WAY
City,State,Zip: SO EL MONTE, CA 91733
File Number: 00026D36
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026D36.pdf
Region: STATE
Facility ID: 00000003831
Facility Type: Other
Other Type: MACHINE SHOP
Contact Name: KENNETH B. PARKER
Telephone: 8184424457
Owner Name: HAROLD L. RESA
Owner Address: 9730 FACTORIAL WAY
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1974
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

FINDS:
Registry ID: 110002683784
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002683784

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

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

ECHO:

| | |
|---|---|
| Envid: | 1000155286 |
| Registry ID: | 110002683784 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110002683784 |
| Name: | SQUARE TOOL & MACHINE CO |
| Address: | 9730 FACTORIAL WAY |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

CORTESE:

| | |
|---|---|
| Name: | SQUARE TOOL & MACHINE CO INC |
| Address: | 9730 FACTORIAL WY E |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | CORTESE |
| Envirostor Id: | Not reported |
| Global ID: | T0603704789 |
| Site/Facility Type: | LUST CLEANUP SITE |
| Cleanup Status: | COMPLETED - CASE CLOSED |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Owner: | Not reported |
| Enf Type: | Not reported |
| Swat R: | Not reported |
| Flag: | active |
| Order No: | Not reported |
| Waste Discharge System No: | Not reported |
| Effective Date: | Not reported |
| Region 2: | Not reported |
| WID Id: | Not reported |
| Solid Waste Id No: | Not reported |
| Waste Management Uit Name: | Not reported |
| File Name: | Active Open |

HAZNET:

| | |
|---|---|
| Name: | SQUARE TOOL & MACHINE CO |
| Address: | 9730 FACTORIAL WAY |
| Address 2: | Not reported |
| City,State,Zip: | S EL MONTE, CA 917330000 |
| Contact: | JOLINDA RESA |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

Telephone: 6264424457
Mailing Name: Not reported
Mailing Address: 16360 LAS CUMBRES DR

Year: 2005
Gepaid: CAD981370547
TSD EPA ID: CAD982444481
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H01 - Transfer Station
Tons: 0.187

Year: 2004
Gepaid: CAD981370547
TSD EPA ID: CAT080013352
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: -
Tons: 8.4

Year: 2004
Gepaid: CAD981370547
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: R01 - Recycler
Tons: 11.676

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 1

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: -
Tons: 0.6

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAT080033681
CA Waste Code: 291 - Latex waste
Disposal Method: R01 - Recycler
Tons: 0.22935

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAD050806850
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H01 - Transfer Station
Tons: 0.1815

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

Disposal Method: R01 - Recycler
Tons: 5.7

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAD981696420
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 11.02

Year: 2003
Gepaid: CAD981370547
TSD EPA ID: CAD008302903
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: R01 - Recycler
Tons: 0.4

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

Additional Info:
Year: 1995
Gen EPA ID: CAD981370547

Shipment Date: 19950104
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19950104
Manifest ID: 93696218
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: CAD099452708
TSDF Alt Name: Not reported
CA Waste Code: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Disposal Method: R01 - Recycler
Quantity Tons: 4.41
Waste Quantity: 1050
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAD981370547

Shipment Date: 20041229
Creation Date: 3/17/2005 18:34:39
Receipt Date: 20041229

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Manifest ID: | 24020431 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 135 - Unspecified aqueous solution |
| RCRA Code: | NONE |
| Disposal Method: | - Not reported |
| Quantity Tons: | 8.4 |
| Waste Quantity: | 2000 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20040212 |
| Creation Date: | 1/5/2007 18:31:00 |
| Receipt Date: | 20040212 |
| Manifest ID: | 22039795 |
| Trans EPA ID: | CAD028277036 |
| Trans Name: | ASBURY ENVIRONMENTAL SERVICES |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | DEMENNO / KERDOON |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 11.676 |
| Waste Quantity: | 2800 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1999 |
| Gen EPA ID: | CAD981370547 |

| | |
|---|---|
| Shipment Date: | 19991213 |
| Creation Date: | 2/1/2000 0:00:00 |
| Receipt Date: | 19991213 |
| Manifest ID: | 99530773 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.168 |
| Waste Quantity: | 40 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19991102 |
| Creation Date: | 1/4/2000 0:00:00 |
| Receipt Date: | 19991103 |
| Manifest ID: | 99514614 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.126 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19991013 |
| Creation Date: | 1/4/2000 0:00:00 |
| Receipt Date: | 19991013 |
| Manifest ID: | 99328678 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 4.2951 |
| Waste Quantity: | 1030 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990920 |
| Creation Date: | 10/27/1999 0:00:00 |
| Receipt Date: | 19990920 |
| Manifest ID: | 99119340 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.126 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990809 |
| Creation Date: | 9/23/1999 0:00:00 |
| Receipt Date: | 19990809 |
| Manifest ID: | 99044358 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1176 |
| Waste Quantity: | 28 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990628 |
| Creation Date: | 8/16/1999 0:00:00 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Receipt Date: | 19990628 |
| Manifest ID: | 99235621 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.126 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19990623 |
| Creation Date: | 8/19/1999 0:00:00 |
| Receipt Date: | 19990623 |
| Manifest ID: | 99188688 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 3.4819 |
| Waste Quantity: | 835 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19990517 |
| Creation Date: | 7/7/1999 0:00:00 |
| Receipt Date: | 19990517 |
| Manifest ID: | 99218481 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.105 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990405 |
| Creation Date: | 5/17/1999 0:00:00 |
| Receipt Date: | 19990406 |
| Manifest ID: | 98788868 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1176 |
| Waste Quantity: | 28 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19990318 |
| Creation Date: | 5/17/1999 0:00:00 |
| Receipt Date: | 19990318 |
| Manifest ID: | 98812506 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 6.3258 |
| Waste Quantity: | 1517 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1996 |
| Gen EPA ID: | CAD981370547 |
| Shipment Date: | 19961104 |
| Creation Date: | 5/20/1997 0:00:00 |
| Receipt Date: | 19961106 |
| Manifest ID: | 96432443 |
| Trans EPA ID: | CAD982359671 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 2.502 |
| Waste Quantity: | 600 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19960314 |
| Creation Date: | 10/16/1996 0:00:00 |
| Receipt Date: | 19960315 |
| Manifest ID: | 96232077 |
| Trans EPA ID: | CAD982359671 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.0842 |
| Waste Quantity: | 260 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

Additional Info:

| | |
|---|---|
| Year: | 1997 |
| Gen EPA ID: | CAD981370547 |
| Shipment Date: | 19971215 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19971219 |
| Manifest ID: | 97349290 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD093459485 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 342 - Organic liquids with metals (see 121 |
| RCRA Code: | D006 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0792 |
| Waste Quantity: | 19 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19970917 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970918 |
| Manifest ID: | 96534391 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1425 |
| Waste Quantity: | 285 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19970917 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970918 |
| Manifest ID: | 96534392 |
| Trans EPA ID: | CAD980694848 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.075 |
| Waste Quantity: | 150 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970917 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970918 |
| Manifest ID: | 96534396 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 512 - Other empty containers 30 gallons or more |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.06 |
| Waste Quantity: | 120 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970917 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970919 |
| Manifest ID: | 96639918 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.532 |
| Waste Quantity: | 140 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970917 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970918 |
| Manifest ID: | 96534398 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.075 |
| Waste Quantity: | 150 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19970917 |
| Creation Date: | 3/18/1998 0:00:00 |
| Receipt Date: | 19970918 |
| Manifest ID: | 96205841 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1425 |
| Waste Quantity: | 285 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Shipment Date: | 19970917 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970918 |
| Manifest ID: | 96534397 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD000088252 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD000088252 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 214 - Unspecified solvent mixture |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.05 |
| Waste Quantity: | 100 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970917 |
| Creation Date: | 7/23/1998 0:00:00 |
| Receipt Date: | 19970917 |
| Manifest ID: | 96639917 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 6.6386 |
| Waste Quantity: | 1592 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19970521 |
| Creation Date: | 7/17/1997 0:00:00 |
| Receipt Date: | 19970523 |
| Manifest ID: | 96432734 |
| Trans EPA ID: | CAD982359671 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.0425 |
| Waste Quantity: | 250 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2003 |
| Gen EPA ID: | CAD981370547 |
| Shipment Date: | 20030918 |
| Creation Date: | 7/13/2004 10:48:19 |
| Receipt Date: | 20030918 |
| Manifest ID: | 22538662 |
| Trans EPA ID: | NJD080631369 |
| Trans Name: | ONYX ENVIRONMENTAL SVCS LLC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD008302903 |
| Trans Name: | ONYX ENVIRONMENTAL SVCS L |
| TSDF Alt EPA ID: | CAD008302903 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.4 |
| Waste Quantity: | 800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 20030910 |
| Creation Date: | 7/29/2004 7:45:24 |
| Receipt Date: | 20030911 |
| Manifest ID: | 22646306 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.105 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030910 |
| Creation Date: | 7/29/2004 7:45:24 |
| Receipt Date: | 20030911 |
| Manifest ID: | 22646306 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1218 |
| Waste Quantity: | 29 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030910 |
| Creation Date: | 8/3/2004 15:00:31 |
| Receipt Date: | 20030918 |
| Manifest ID: | 22417098 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | PFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD050806850 |
| Trans Name: | CLEAN HARBOR ENVIRONMENTL |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 331 - Off-specification, aged, or surplus organics |
| RCRA Code: | D001 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1815 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Shipment Date: | 20030910 |
| Creation Date: | 8/3/2004 15:00:31 |
| Receipt Date: | 20030911 |
| Manifest ID: | 22417066 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | PFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | D/K ENVIRONMENTAL |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 352 - Other organic solids |
| RCRA Code: | Not reported |
| Disposal Method: | D80 - Disposal, Land Fill |
| Quantity Tons: | 0.4 |
| Waste Quantity: | 800 |
| Quantity Unit: | P |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030910 |
| Creation Date: | 8/3/2004 15:00:31 |
| Receipt Date: | 20030911 |
| Manifest ID: | 22417066 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | PFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |
| Trans Name: | D/K ENVIRONMENTAL |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 122 - Alkaline solution without metals (pH > 12.5 |
| RCRA Code: | D002 |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.02085 |
| Waste Quantity: | 5 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030910 |
| Creation Date: | 8/3/2004 15:00:31 |
| Receipt Date: | 20030911 |
| Manifest ID: | 22417066 |
| Trans EPA ID: | CAD982440364 |
| Trans Name: | PFR ENVIRONMENTAL SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080033681 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Trans Name: | D/K ENVIRONMENTAL |
| TSDF Alt EPA ID: | CAT080033681 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 291 - Latex waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.22935 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030827 |
| Creation Date: | 8/2/2004 9:37:42 |
| Receipt Date: | 20030828 |
| Manifest ID: | 22397537 |
| Trans EPA ID: | CAD983615501 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 5.7 |
| Waste Quantity: | 1500 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20030710 |
| Creation Date: | 7/22/2004 9:56:39 |
| Receipt Date: | 20030711 |
| Manifest ID: | 22880027 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1344 |
| Waste Quantity: | 32 |
| Quantity Unit: | G |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20030630 |
| Creation Date: | 7/22/2004 7:52:06 |
| Receipt Date: | 20030701 |
| Manifest ID: | 22325537 |
| Trans EPA ID: | TXR000050930 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0756 |
| Waste Quantity: | 18 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2002 |
| Gen EPA ID: | CAD981370547 |
| | |
| Shipment Date: | 20021202 |
| Creation Date: | 3/16/2007 18:30:20 |
| Receipt Date: | 20021203 |
| Manifest ID: | 22140423 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.21 |
| Waste Quantity: | 50 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Shipment Date: | 20021018 |
| Creation Date: | 2/18/2003 18:31:24 |
| Receipt Date: | 20021018 |
| Manifest ID: | 22049457 |
| Trans EPA ID: | CAL000827879 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 221 - Waste oil and mixed oil |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.425 |
| Waste Quantity: | 375 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20021009 |
| Creation Date: | 2/18/2003 18:31:24 |
| Receipt Date: | 20021018 |
| Manifest ID: | 22049384 |
| Trans EPA ID: | CAL000827879 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD981696420 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 7.7145 |
| Waste Quantity: | 1850 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020911 |
| Creation Date: | 1/28/2003 18:30:41 |
| Receipt Date: | 20020912 |
| Manifest ID: | 21935324 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.105 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020808 |
| Creation Date: | 3/13/2003 18:31:17 |
| Receipt Date: | 20020812 |
| Manifest ID: | 21749323 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.042 |
| Waste Quantity: | 10 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020731 |
| Creation Date: | 1/21/2003 18:30:55 |
| Receipt Date: | 20020801 |
| Manifest ID: | 21743043 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0756 |
| Waste Quantity: | 18 |
| Quantity Unit: | G |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20020619 |
| Creation Date: | 8/5/2002 18:31:21 |
| Receipt Date: | 20020620 |
| Manifest ID: | 21728317 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.063 |
| Waste Quantity: | 15 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20020517 |
| Creation Date: | 7/29/2002 18:43:18 |
| Receipt Date: | 20020520 |
| Manifest ID: | 21597003 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD093459485 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0966 |
| Waste Quantity: | 23 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20020510 |
| Creation Date: | 7/17/2002 18:35:51 |
| Receipt Date: | 20020513 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Manifest ID: | 21590819 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.147 |
| Waste Quantity: | 35 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20020326 |
| Creation Date: | 7/22/2002 18:31:22 |
| Receipt Date: | 20020327 |
| Manifest ID: | 21581441 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | Not reported |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0924 |
| Waste Quantity: | 22 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1998 |
| Gen EPA ID: | CAD981370547 |

| | |
|---|---|
| Shipment Date: | 19981130 |
| Creation Date: | 1/13/1999 0:00:00 |
| Receipt Date: | 19981130 |
| Manifest ID: | 98452588 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D006 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.252 |
| Waste Quantity: | 60 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19981103 |
| Creation Date: | 1/13/1999 0:00:00 |
| Receipt Date: | 19981103 |
| Manifest ID: | 98593762 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 3.7321 |
| Waste Quantity: | 895 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19981020 |
| Creation Date: | 12/8/1998 0:00:00 |
| Receipt Date: | 19981020 |
| Manifest ID: | 98563746 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | SCD987574647 |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D006 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.252 |
| Waste Quantity: | 60 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980916 |
| Creation Date: | 11/2/1998 0:00:00 |
| Receipt Date: | 19980916 |
| Manifest ID: | 98284146 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D006 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.252 |
| Waste Quantity: | 60 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980811 |
| Creation Date: | 10/1/1998 0:00:00 |
| Receipt Date: | 19980811 |
| Manifest ID: | 98273253 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D006 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.189 |
| Waste Quantity: | 45 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980729 |
| Creation Date: | 10/1/1998 0:00:00 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Receipt Date: | 19980729 |
| Manifest ID: | 98102687 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 3.0232 |
| Waste Quantity: | 725 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19980706 |
| Creation Date: | 9/3/1998 0:00:00 |
| Receipt Date: | 19980706 |
| Manifest ID: | 98184492 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D006 |
| Disposal Method: | T01 - Treatment, Tank |
| Quantity Tons: | 0.189 |
| Waste Quantity: | 45 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 19980601 |
| Creation Date: | 8/3/1998 0:00:00 |
| Receipt Date: | 19980601 |
| Manifest ID: | 98173123 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 342 - Organic liquids with metals (see 121 |
| RCRA Code: | D006 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.2502 |
| Waste Quantity: | 60 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980505 |
| Creation Date: | 7/15/1998 0:00:00 |
| Receipt Date: | 19980505 |
| Manifest ID: | 98106807 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 1.7514 |
| Waste Quantity: | 420 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 19980420 |
| Creation Date: | 6/16/1998 0:00:00 |
| Receipt Date: | 19980424 |
| Manifest ID: | 97368385 |
| Trans EPA ID: | ILD984908202 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD093459485 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 342 - Organic liquids with metals (see 121 |
| RCRA Code: | D006 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1251 |
| Waste Quantity: | 30 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 1994 |
| Gen EPA ID: | CAD981370547 |
| Shipment Date: | 19940729 |
| Creation Date: | 3/26/1996 0:00:00 |
| Receipt Date: | 19940802 |
| Manifest ID: | 93313588 |
| Trans EPA ID: | CAD982359671 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 2.6688 |
| Waste Quantity: | 640 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| Shipment Date: | 19940412 |
| Creation Date: | 3/29/1996 0:00:00 |
| Receipt Date: | 19950413 |
| Manifest ID: | 93696349 |
| Trans EPA ID: | CAD982359671 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD099452708 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAD099452708 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 222 - Oil/water separation sludge |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 0.834 |
| Waste Quantity: | 200 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

Additional Info:

| | |
|---|---|
| Year: | 2005 |
| Gen EPA ID: | CAD981370547 |
| Shipment Date: | 20050114 |
| Creation Date: | 4/20/2006 18:32:04 |
| Receipt Date: | 20050117 |
| Manifest ID: | 24204815 |
| Trans EPA ID: | CAD982444481 |
| Trans Name: | FILTER RECYCLING SERVICES INC |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAD982444481 |
| Trans Name: | FILTER RECYCLING SERVICES INC |
| TSDF Alt EPA ID: | CAD982444481 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 343 - Unspecified organic liquid mixture |
| RCRA Code: | NONE |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.187 |
| Waste Quantity: | 55 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2000 |
| Gen EPA ID: | CAD981370547 |
| Shipment Date: | 20001228 |
| Creation Date: | 3/6/2001 0:00:00 |
| Receipt Date: | 20001228 |
| Manifest ID: | 20386278 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0336 |
| Waste Quantity: | 8 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Shipment Date: | 20001218 |
| Creation Date: | 3/5/2001 0:00:00 |
| Receipt Date: | 20001218 |
| Manifest ID: | 20386874 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.105 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20001122 |
| Creation Date: | 2/1/2001 0:00:00 |
| Receipt Date: | 20001122 |
| Manifest ID: | 20507807 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 4.6912 |
| Waste Quantity: | 1125 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20001107 |
| Creation Date: | 1/9/2001 0:00:00 |
| Receipt Date: | 20001107 |
| Manifest ID: | 20297820 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.105 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20001003 |
| Creation Date: | 11/14/2000 0:00:00 |
| Receipt Date: | 20001003 |
| Manifest ID: | 20033666 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0336 |
| Waste Quantity: | 8 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000926 |
| Creation Date: | 11/14/2000 0:00:00 |
| Receipt Date: | 20000926 |
| Manifest ID: | 20283090 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.147 |
| Waste Quantity: | 35 |
| Quantity Unit: | G |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000816 |
| Creation Date: | 10/23/2000 0:00:00 |
| Receipt Date: | 20000816 |
| Manifest ID: | 20191445 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1176 |
| Waste Quantity: | 28 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000710 |
| Creation Date: | 8/14/2000 0:00:00 |
| Receipt Date: | 20000710 |
| Manifest ID: | 20180963 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.105 |
| Waste Quantity: | 25 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20000710 |
| Creation Date: | 8/14/2000 0:00:00 |
| Receipt Date: | 20000710 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Manifest ID: | 20180963 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.042 |
| Waste Quantity: | 10 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20000630 |
| Creation Date: | 9/11/2000 0:00:00 |
| Receipt Date: | 20000630 |
| Manifest ID: | 20256505 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 5.2667 |
| Waste Quantity: | 1263 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

Additional Info:

| | |
|---|---|
| Year: | 2001 |
| Gen EPA ID: | CAD981370547 |

| | |
|---|---|
| Shipment Date: | 20011119 |
| Creation Date: | 1/16/2002 0:00:00 |
| Receipt Date: | 20011120 |
| Manifest ID: | 21314799 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.168
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011009
Creation Date: 12/17/2001 0:00:00
Receipt Date: 20011010
Manifest ID: 21396573
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613893
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011001
Creation Date: 12/17/2001 0:00:00
Receipt Date: Not reported
Manifest ID: 20944205
Trans EPA ID: CAD982359671
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD099452708
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Disposal Method: - Not reported
Quantity Tons: 6.46
Waste Quantity: 1700

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010827 |
| Creation Date: | 10/23/2001 0:00:00 |
| Receipt Date: | 20010828 |
| Manifest ID: | 21116881 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.168 |
| Waste Quantity: | 40 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010716 |
| Creation Date: | 10/1/2001 0:00:00 |
| Receipt Date: | 20010717 |
| Manifest ID: | 21103774 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.1428 |
| Waste Quantity: | 34 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010604 |
| Creation Date: | 7/30/2001 0:00:00 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| Receipt Date: | 20010604 |
| Manifest ID: | 20646208 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0714 |
| Waste Quantity: | 17 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010515 |
| Creation Date: | 7/30/2001 0:00:00 |
| Receipt Date: | 20010516 |
| Manifest ID: | 20792312 |
| Trans EPA ID: | CAD980694848 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT080013352 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT080013352 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 223 - Unspecified oil-containing waste |
| RCRA Code: | Not reported |
| Disposal Method: | R01 - Recycler |
| Quantity Tons: | 6.134 |
| Waste Quantity: | 1471 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |

| | |
|---|---|
| Shipment Date: | 20010423 |
| Creation Date: | 6/20/2001 0:00:00 |
| Receipt Date: | 20010423 |
| Manifest ID: | 20631584 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

| | |
|---|---|
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.168 |
| Waste Quantity: | 40 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010319 |
| Creation Date: | 4/30/2001 0:00:00 |
| Receipt Date: | 20010319 |
| Manifest ID: | 20619280 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | CAT000613893 |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.0714 |
| Waste Quantity: | 17 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |
| Additional Code 3: | Not reported |
| Additional Code 4: | Not reported |
| Additional Code 5: | Not reported |
| | |
| Shipment Date: | 20010312 |
| Creation Date: | 4/30/2001 0:00:00 |
| Receipt Date: | 20010312 |
| Manifest ID: | 20615487 |
| Trans EPA ID: | SCR000075150 |
| Trans Name: | Not reported |
| Trans 2 EPA ID: | Not reported |
| Trans 2 Name: | Not reported |
| TSDF EPA ID: | CAT000613893 |
| Trans Name: | Not reported |
| TSDF Alt EPA ID: | Not reported |
| TSDF Alt Name: | Not reported |
| CA Waste Code: | 134 - Aqueous solution with <10% total organic residues |
| RCRA Code: | D039 |
| Disposal Method: | H01 - Transfer Station |
| Quantity Tons: | 0.168 |
| Waste Quantity: | 40 |
| Quantity Unit: | G |
| Additional Code 1: | Not reported |
| Additional Code 2: | Not reported |

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

LOS ANGELES CO. HMS:
Name: SQUARE TOOL & MACHINE CO INC
Address: 9730 FACTORIAL WAY
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 009413-009220
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000218T
Permit Status: Removed

WIP:
Name: SQUARE TOOL & MACHINE CO.INC.
Address: 9730 Factorial Way
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0345
**File Status: Historical**
Staff: BPONEK
Facility Suite: Not reported

CERS:
Name: SQUARE TOOL & MACHINE CO INC
Address: 9730 FACTORIAL WY E
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 197468
CERS ID: T0603704789
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**SQUARE TOOL & MACHINE CO (Continued)** **1000155286**

HWTS:

| | |
|---|---|
| Name: | SQUARE TOOL & MACHINE CO |
| Address: | 9730 FACTORIAL WAY |
| Address 2: | Not reported |
| City,State,Zip: | S EL MONTE, CA 917330000 |
| EPA ID: | CAD981370547 |
| Inactive Date: | 06/30/2004 |
| Create Date: | 04/10/1987 |
| Last Act Date: | 05/25/2007 |
| Mailing Name: | Not reported |
| Mailing Address: | 16360 LAS CUMBRES DR |
| Mailing Address 2: | Not reported |
| Mailing City,State,Zip: | WHITTIER, CA 906030000 |
| Owner Name: | JOLINDA RESA |
| Owner Address: | 16360 LAS CUMBRES DR |
| Owner Address 2: | Not reported |
| Owner City,State,Zip: | WHITTIER, CA 906030000 |
| Contact Name: | JOLINDA RESA |
| Contact Address: | 9730 FACTORIAL WAY |
| Contact Address 2: | Not reported |
| City,State,Zip: | SOUTH EL MONTE, CA 917331798 |

NAICS:

| | |
|---|---|
| EPA ID: | CAD981370547 |
| Create Date: | 2004-02-05 07:43:56 |
| NAICS Code: | 333512 |
| NAICS Description: | Machine Tool (Metal Cutting Types) Manufacturing |
| Issued EPA ID Date: | 1987-04-10 00:00:00 |
| Inactive Date: | 2004-06-30 15:01:00 |
| Facility Name: | SQUARE TOOL & MACHINE CO |
| Facility Address: | 9730 FACTORIAL WAY |
| Facility Address 2: | Not reported |
| Facility City: | S EL MONTE |
| Facility County: | 19 |
| Facility State: | CA |
| Facility Zip: | 917330000 |

---

**AO349** **SQUARE TOOL & MACHINE CO** **HIST CORTESE** **S103989053**
**East** **9730 FACTORIAL** **N/A**
**1/4-1/2** **S EL MONTE, CA 91733**
**0.322 mi.**
**1702 ft.** **Site 3 of 3 in cluster AO**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

HIST CORTESE:

| | |
|---|---|
| edr_fname: | SQUARE TOOL & MACHINE CO |
| edr_fadd1: | 9730 FACTORIAL |
| City,State,Zip: | S EL MONTE, CA 91733 |
| Region: | CORTESE |
| Facility County Code: | 19 |
| Reg By: | LTNKA |
| Reg Id: | R-09220 |

**AP350** **BARRY ZWAHLEN/PRIVATE PROPERTY** **LUST** **S103587521**
**West** **2223 LOMA AVE** **Cortese** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **HIST CORTESE**
**0.324 mi.** **CERS**
**1710 ft.** **Site 2 of 2 in cluster AP**

**Relative:** **Lower**

**Actual:** **231 ft.**

LUST REG 4:

| | | |
|---|---|---|
| Region: | 4 | |
| Regional Board: | 04 | |
| County: | Los Angeles | |
| Facility Id: | 107.0416 | |
| Status: | Case Closed | |
| Substance: | Solvents | |
| Substance Quantity: | Not reported | |
| Local Case No: | Not reported | |
| Case Type: | Groundwater | |
| Abatement Method Used at the Site: | | Not reported |
| Global ID: | T0603700165 | |
| W Global ID: | Not reported | |
| Staff: | WIP | |
| Local Agency: | 19000 | |
| Cross Street: | RUSH ST | |
| Enforcement Type: | EF | |
| Date Leak Discovered: | Not reported | |
| Date Leak First Reported: | | 8/24/1984 |
| Date Leak Record Entered: | 12/31/1986 | |
| Date Confirmation Began: | Not reported | |
| Date Leak Stopped: | Not reported | |
| Date Case Last Changed on Database: | | 7/30/1997 |
| Date the Case was Closed: | | 7/30/1997 |
| How Leak Discovered: | Not reported | |
| How Leak Stopped: | Not reported | |
| Cause of Leak: | UNK | |
| Leak Source: | UNK | |
| Operator: | Not reported | |
| Water System: | Not reported | |
| Well Name: | Not reported | |
| Approx. Dist To Production Well (ft): | | 1342.259110376033545310247530 8 |
| Source of Cleanup Funding: | | UNK |
| Preliminary Site Assessment Workplan Submitted: | | Not reported |
| Preliminary Site Assessment Began: | | Not reported |
| Pollution Characterization Began: | | 12/12/1988 |
| Remediation Plan Submitted: | | Not reported |
| Remedial Action Underway: | | Not reported |
| Post Remedial Action Monitoring Began: | | Not reported |
| Enforcement Action Date: | | 5/29/1986 |
| Historical Max MTBE Date: | | Not reported |
| Hist Max MTBE Conc in Groundwater: | | Not reported |
| Hist Max MTBE Conc in Soil: | | Not reported |
| Significant Interim Remedial Action Taken: | | Not reported |
| GW Qualifier: | Not reported | |
| Soil Qualifier: | Not reported | |
| Organization: | Not reported | |
| Owner Contact: | Not reported | |
| Responsible Party: | JC INCORPORATED | |
| RP Address: | 1115 W. FOOTHILL BLVD., ACADIA, CA 91006 | |
| Program: | LUST | |
| Lat/Long: | 34.0532225 / -1 | |
| Local Agency Staff: | Not reported | |

**BARRY ZWAHLEN/PRIVATE PROPERTY (Continued)** **S103587521**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: *INITIAL INVESTIGATION BY ANS **CLEANUP AND ABATEMENT ORDERED ISSUED 05/29/86 *** AB1803 UNIT I HANDLING (AB1) WORK IN PROGRESS
OLD CASE #917330034

LUST:
Name: BARRY ZWAHLEN/PRIVATE PROPERTY
Address: 2223 LOMA AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700165
Global Id: T0603700165
Latitude: 34.054159
Longitude: -118.069774
Status: Completed - Case Closed
Status Date: 07/30/1997
Case Worker: WIP
RB Case Number: 107.0416
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Not reported

LUST:
Global Id: T0603700165
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603700165
Contact Type: Regional Board Caseworker
Contact Name: WELL INVESTIGATION PROGRAM
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0603700165
Action Type: Other
Date: 08/24/1984
Action: Leak Reported

Global Id: T0603700165
Action Type: ENFORCEMENT

**BARRY ZWAHLEN/PRIVATE PROPERTY (Continued)** **S103587521**

Date: 05/29/1986
Action: * Historical Enforcement

LUST:
Global Id: T0603700165
Status: Open - Case Begin Date
Status Date: 08/24/1984

Global Id: T0603700165
Status: Open - Site Assessment
Status Date: 12/12/1988

Global Id: T0603700165
Status: Completed - Case Closed
Status Date: 07/30/1997

CORTESE:
Name: BARRY ZWAHLEN/PRIVATE PROPERTY
Address: 2223 LOMA AVE
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603700165
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: BARRY ZWAHLEN/PRIVATE PRO
edr_fadd1: 2223 LOMA
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 107.0416

CERS:
Name: BARRY ZWAHLEN/PRIVATE PROPERTY
Address: 2223 LOMA AVE

**BARRY ZWAHLEN/PRIVATE PROPERTY (Continued)** **S103587521**

City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 191561
CERS ID: T0603700165
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: WELL INVESTIGATION PROGRAM - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

**351**
**NW**
**1/4-1/2**
**0.332 mi.**
**1753 ft.**

**COATINGS RESOURCE CORP.** **CPS-SLIC** **S106484525**
**2552 LEE AVE** **WIP** **N/A**
**SOUTH EL MONTE, CA 91733** **CERS**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

CPS-SLIC:
Name: COATINGS RESOURCE CORP.
Address: 2552 LEE AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Open - Inactive**
Status Date: 01/29/2015
Global Id: SL603798709
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.055406
Longitude: -118.066308
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0102
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: COATINGS RESOURCE CORP.

**COATINGS RESOURCE CORP. (Continued)** **S106484525**

Address: 2552 Lee Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0102
**File Status: Active**
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: COATINGS RESOURCE CORP.
Address: 2552 LEE AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 259206
CERS ID: SL603798709
CERS Description: Cleanup Program Site

---

**352**
**SSE**
**1/4-1/2**
**0.333 mi.**
**1758 ft.**

**ZAPATA ENTERPRISES** **CPS-SLIC** **S106766089**
**1612 CHICO AVE.** **WIP** **N/A**
**SOUTH EL MONTE, CA 91733**

**Relative:**
**Lower**

**Actual:**
**231 ft.**

CPS-SLIC:
Name: ZAPATA ENTERPRISES
Address: 1612 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status: Open - Inactive**
Status Date: 04/06/2020
Global Id: T10000014297
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.04767
Longitude: -118.05872
Case Type: Cleanup Program Site
Case Worker: SLH
Local Agency: Not reported
RB Case Number: 107.1697
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: ZAPATA ENTERPRISES
Address: 1612 Chico Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1697
**File Status: Not reported**
Staff: UNIDENTIFIED
Facility Suite: Not reported

**AR353** **HARMAC COMPANY** **CPS-SLIC** **S106484639**
**ENE** **9742 KLINGERMAN ST.** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.335 mi.**
**1767 ft.** **Site 1 of 4 in cluster AR**

**Relative:**
**Higher**

**Actual:**
**248 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | HARMAC COMPANY |
| Address: | 9742 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 12/12/2014 |
| Global Id: | SL603798830 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.055407 |
| Longitude: | -118.058166 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.2186 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | HARMAC COMPANY |
| Address: | 9742 Klingerman St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.2186 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | HARMAC COMPANY |
| Address: | 9742 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 241922 |
| CERS ID: | SL603798830 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JEFFREY HU - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**AS354** **SUNNIE BROTHERS BLIND MFG.** **CPS-SLIC** **S106484603**
**SE** **9649 REMER ST.** **EMI** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **WIP**
**0.336 mi.** **CERS**
**1772 ft.** **Site 1 of 2 in cluster AS**

**Relative:**
**Lower**

**Actual:**
**234 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | SUNNIE BROTHERS BLIND MFG. |
| Address: | 9649 REMER ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 10/29/2014 |
| Global Id: | SL603798793 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.04822 |
| Longitude: | -118.059045 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.1245 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

EMI:

| | |
|---|---|
| Name: | MULTITRONICS SYS CORP |
| Address: | 9649 REMER ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 17667 |
| Air District Name: | SC |
| SIC Code: | 3679 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

WIP:

| | |
|---|---|
| Name: | SUNNIE BROTHERS BLIND MFG. |
| Address: | 9649 Remer St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1245 |
| **File Status:** | **Active** |
| Staff: | REHE |

**SUNNIE BROTHERS BLIND MFG. (Continued)** **S106484603**

Facility Suite: Not reported

CERS:

| | |
|---|---|
| Name: | SUNNIE BROTHERS BLIND MFG. |
| Address: | 9649 REMER ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 251039 |
| CERS ID: | SL603798793 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JEFFREY HU - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**AR355** **HARMAC COMPANY** **CPS-SLIC S104576517**
**ENE** **9739 KLINGERMAN ST.** **CERS N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733**
**0.336 mi.**
**1775 ft.** **Site 2 of 4 in cluster AR**

**Relative:**
**Higher**

**Actual:**
**248 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | HARMAC COMPANY |
| Address: | 9739 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |
| Status Date: | 01/13/2000 |
| Global Id: | SL603798751 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.055407 |
| Longitude: | -118.058166 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 107.0457 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

CERS:

| | |
|---|---|
| Name: | HARMAC COMPANY |
| Address: | 9739 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 203777 |
| CERS ID: | SL603798751 |

**HARMAC COMPANY (Continued)** **S104576517**

CERS Description: Cleanup Program Site

---

**356**
**NW**
**1/4-1/2**
**0.349 mi.**
**1842 ft.**

**Relative:**
**Lower**

**Actual:**
**234 ft.**

**VAGA INDUSTRIES**
**2505 LOMA AVE**
**SOUTH EL MONTE, CA 91733**

**Database(s):** RCRA-LQG, ENVIROSTOR, SWEEPS UST, HIST UST, ICIS, FINDS, ECHO, EMI, LOS ANGELES CO. HMS, WIP

**EDR ID Number:** 1000142725
**EPA ID Number:** CAD009693904

RCRA-LQG:

| | |
|---|---|
| Date form received by agency: | 2017-03-29 00:00:00.0 |
| Facility name: | VAGA INDUSTRIES |
| Facility address: | 2505 LOMA AVE<br>SOUTH EL MONTE, CA 91733 |
| EPA ID: | CAD009693904 |
| Mailing address: | LOMA AVE<br>SOUTH EL MONTE, CA 91733 |
| Contact: | COLLEEN TROST |
| Contact address: | LOMA AVE<br>SOUTH EL MONTE, CA 91733 |
| Contact country: | Not reported |
| Contact telephone: | 626-442-7436 |
| Contact email: | COLLEEN@VAGA.COM |
| EPA Region: | 09 |
| Land type: | Private |
| Classification: | Large Quantity Generator |
| Description: | Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | VAGA INDUSTRIES |
| Owner/operator address: | Not reported<br>Not reported |
| Owner/operator country: | Not reported |
| Owner/operator telephone: | Not reported |
| Owner/operator email: | Not reported |
| Owner/operator fax: | Not reported |
| Owner/operator extension: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 2009-01-01 00:00:00. |
| Owner/Op end date: | Not reported |

**VAGA INDUSTRIES (Continued)** **1000142725**

Owner/operator name: HELEN PEARSON & COLLEEN TROST
Owner/operator address: LOMA AVE
SOUTH EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-442-7436
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2013-01-01 00:00:00.
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 2016-03-01 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Small Quantity Generator

Date form received by agency: 2013-02-21 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 2010-07-28 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 2008-05-06 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 2006-01-20 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Small Quantity Generator

Date form received by agency: 2006-01-20 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 2002-02-26 00:00:00.0

**VAGA INDUSTRIES (Continued)** **1000142725**

Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 2000-10-12 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 1999-04-15 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 1996-09-01 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 1996-03-18 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 1994-03-31 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 1992-02-19 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 1980-07-17 00:00:00.0
Site name: VAGA INDUSTRIES
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 171
. Waste name: Metal sludge (see 121)

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

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

**VAGA INDUSTRIES (Continued)** **1000142725**

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 11200

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2019-08-23 19:32:34.0
Date achieved compliance: 2019-08-08 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2017-05-25 18:31:53.0
Date achieved compliance: 2016-08-16 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2017-05-25 18:31:53.0

**VAGA INDUSTRIES (Continued)** **1000142725**

Date achieved compliance: 2016-08-16 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 2017-05-25 18:31:53.0
Date achieved compliance: 2016-08-16 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2010-02-16 17:22:37.0
Date achieved compliance: 2009-04-08 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2009-04-08 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2009-04-22 16:28:16.0
Date achieved compliance: 2009-09-01 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 2010-08-09 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2010-08-09 00:00:00.0
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 2009-04-22 16:28:16.0
Date achieved compliance: 2009-09-01 00:00:00.0

**VAGA INDUSTRIES (Continued)** **1000142725**

Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 2010-08-09 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2010-08-09 00:00:00.0
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 2009-04-22 16:28:16.0
Date achieved compliance: 2009-09-01 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 2009-06-08 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2009-04-22 16:28:16.0
Date achieved compliance: 2009-09-01 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 2009-06-08 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2009-04-22 16:28:16.0
Date achieved compliance: 2009-09-01 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 2009-06-08 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2009-04-22 16:28:16.0
Date achieved compliance: 2009-09-01 00:00:00.0
Violation lead agency: EPA

**VAGA INDUSTRIES (Continued)** **1000142725**

Enforcement action: Not reported
Enforcement action date: 2010-08-09 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2010-08-09 00:00:00.0
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 2003-01-10 17:19:20.0
Date achieved compliance: 1999-04-05 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 2003-01-10 17:19:20.0
Date achieved compliance: 1992-11-02 00:00:00.0
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1992-09-29 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.40-43.D
Area of violation: Generators - General
Date violation determined: 2003-01-10 17:19:20.0
Date achieved compliance: 1992-11-02 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 2010-08-09 00:00:00.0
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 2010-08-09 00:00:00.0
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2019-03-05 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 2019-08-08 00:00:00.0
Evaluation lead agency: State

**VAGA INDUSTRIES (Continued)** **1000142725**

Evaluation date: 2017-02-02 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2016-08-16 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2016-02-04 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 2016-08-16 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-02-04 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 2016-08-16 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2016-02-04 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2016-08-16 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2012-05-03 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2010-08-09 00:00:00.0
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 2009-08-03 00:00:00.0
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 2009-04-08 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2009-04-08 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2009-04-08 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention

**VAGA INDUSTRIES (Continued)** **1000142725**

Date achieved compliance: 2009-09-01 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2009-04-08 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 2009-09-01 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2009-04-08 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 2009-09-01 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2005-04-26 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 2004-01-15 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 1994-04-05 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1999-04-05 00:00:00.0
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 1992-04-14 00:00:00.0
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 1992-11-02 00:00:00.0
Evaluation lead agency: EPA

ENVIROSTOR:
Name: VAGA INDUSTRIES
Address: 2505 LOMA AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility ID: 71002320
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 57
Senate: 22

**VAGA INDUSTRIES (Continued)** **1000142725**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.05731
Longitude: -118.0692
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD009693904
Alias Type: EPA Identification Number
Alias Name: 110000782305
Alias Type: EPA (FRS #)
Alias Name: 71002320
Alias Type: Envirostor ID Number

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

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:
Name: VAGA INDUSTRIES
Address: 2505 N LOMA AVE
City: SOUTH EL MONTE
Status: Active
Comp Number: 6694
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

**VAGA INDUSTRIES (Continued)** **1000142725**

HIST UST:

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 00027C5F |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027C5F.pdf |
| Region: | STATE |
| Facility ID: | 00000041313 |
| Facility Type: | Other |
| Other Type: | PHOTO-ETCHING |
| Contact Name: | Not reported |
| Telephone: | 8184428631 |
| Owner Name: | PEARSON ENGINEERING CORP DBA V |
| Owner Address: | 2505 LOMA AVENUE |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0002 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | 1975 |
| Tank Capacity: | 00001260 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |
| | |
| Tank Num: | 002 |
| Container Num: | 2 |
| Year Installed: | 1975 |
| Tank Capacity: | 00001260 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | Not reported |
| Leak Detection: | Not reported |

Click here for Geo Tracker PDF:

ICIS:

| | |
|---|---|
| Enforcement Action ID: | 09-2010-5061 |
| FRS ID: | 110000782305 |
| Action Name: | Vaga Industries (AKA Pierson Engineering) |
| Facility Name: | VAGA INDUSTRIES |
| Facility Address: | 2505 LOMA AVE<br>SOUTH EL MONTE, CA 91733 |
| Enforcement Action Type: | RCRA 3008A AO For Comp And/Or Penalty |
| Facility County: | LOS ANGELES |
| Program System Acronym: | ICIS |
| Enforcement Action Forum Desc: | Administrative - Formal |
| EA Type Code: | 3008A |
| Facility SIC Code: | Not reported |
| Federal Facility ID: | Not reported |
| Latitude in Decimal Degrees: | 34.057317 |
| Longitude in Decimal Degrees: | -118.06920 |
| Permit Type Desc: | Not reported |
| Program System Acronym: | 2200003152 |
| Facility NAICS Code: | Not reported |

**VAGA INDUSTRIES (Continued)** **1000142725**

Tribal Land Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: VAGA INDUSTRIES
Address: 2505 LOMA AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110000782305
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110000782305

**VAGA INDUSTRIES (Continued)** **1000142725**

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
STATE MASTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

| | |
|---|---|
| Envid: | 1000142725 |
| Registry ID: | 110000782305 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110000782305 |
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

EMI:

| | |
|---|---|
| Name: | VAGA IND |
| Address: | 2505 LOMA AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 15707 |
| Air District Name: | SC |
| SIC Code: | 3599 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6 |
| Reactive Organic Gases Tons/Yr: | 6 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |

**VAGA INDUSTRIES (Continued)** **1000142725**

| | |
|---|---|
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 1990 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 15707 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 1995 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 15707 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 1997 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 15707 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |

**VAGA INDUSTRIES (Continued)** **1000142725**

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

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 1998 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 15707 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 1999 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 15707 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 2000 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 15707 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |

**VAGA INDUSTRIES (Continued)** **1000142725**

| | |
|---|---|
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AV |
| City,State,Zip: | SOUTH EL MONTE, CA |
| Year: | 2001 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 15707 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

LOS ANGELES CO. HMS:

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | I |
| Facility Id: | 006474-I06694 |
| Facility Type: | 01 |
| Facility Status: | Closed |
| Area: | 3U |
| Permit Number: | 000006470 |
| Permit Status: | Closed |

| | |
|---|---|
| Name: | VAGA INDUSTRIES |
| Address: | 2505 LOMA AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | LA |
| Permit Category: | T |
| Facility Id: | 006474-006694 |
| Facility Type: | 0 |
| Facility Status: | Removed |
| Area: | 3U |
| Permit Number: | 00000083T |
| Permit Status: | Removed |

WIP:

**VAGA INDUSTRIES (Continued)** **1000142725**

Name: VEGA INDUSTRIES
Address: 2505 Loma Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1363
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

---

**AS357** **OTTO PARTS** **CPS-SLIC S106484608**
**SE** **9659 REMER ST** **WIP N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.352 mi.** **HWTS**
**1858 ft.** **Site 2 of 2 in cluster AS**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

CPS-SLIC:
Name: OTTO PARTS
Address: 9659 REMER ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status: Open - Inactive**
Status Date: 10/29/2014
Global Id: SL603798798
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.04822
Longitude: -118.059045
Case Type: Cleanup Program Site
Case Worker: SLH
Local Agency: Not reported
RB Case Number: 107.1329
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: OTTO PARTS
Address: 9659 Remer St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1329
**File Status: Active**
Staff: REHE
Facility Suite: Not reported

Name: SWAFFORD, BLAKE PRECISION MACH
Address: 9659 Remer St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1575
**File Status: Historical**
Staff: KELLIOTT
Facility Suite: Not reported

**OTTO PARTS (Continued)** **S106484608**

CERS:
Name: OTTO PARTS
Address: 9659 REMER ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 204215
CERS ID: SL603798798
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: OTTO PARTS
Address: 9659 REMER ST
Address 2: Not reported
City,State,Zip: SOUTH EL MONTE, CA 917330000
EPA ID: CAL000021114
Inactive Date: 01/01/1900
Create Date: 11/14/1989
Last Act Date: 12/02/1994
Mailing Name: Not reported
Mailing Address: 9659 REMER ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SOUTH EL MONTE, CA 917330000
Owner Name: SWAFFORD BLAKE
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: --
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 --

---

**AR358** **FALCO RACK INC** **RCRA-SQG** **1000263444**
**ENE** **9751 KLINGERMAN ST** **CPS-SLIC** **CAD008496408**
**1/4-1/2** **S EL MONTE, CA 91733** **SWEEPS UST**
**0.352 mi.** **HIST UST**
**1859 ft.** **Site 3 of 4 in cluster AR** **LOS ANGELES CO. HMS**
**NPDES**
**Relative: Higher** **WIP**
**CIWQS**
**Actual: 249 ft.** **CERS**

RCRA-SQG:
Date form received by agency: 2001-04-19 00:00:00.0
Facility name: FALCO RACK INC
Facility address: 9751 KLINGERMAN ST
S EL MONTE, CA 91733

**FALCO RACK INC (Continued)** **1000263444**

EPA ID: CAD008496408
Contact: BRIAN BAUMGARDNER
Contact address: 9751 KLINGERMAN ST
S EL MONTE, CA 91733
Contact country: US
Contact telephone: 626-454-1221
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BRIAN BAUMGARDNER
Owner/operator address: 9751 KLINGERMAN ST
S EL MONTE, CA 91733
Owner/operator country: Not reported
Owner/operator telephone: 626-454-1221
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

**FALCO RACK INC (Continued)** **1000263444**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1996-09-01 00:00:00.0
Site name: FALCO RACK INC
Classification: Large Quantity Generator

Date form received by agency: 1994-03-01 00:00:00.0
Site name: ARTISTIC POLISHING & PLATING INC
Classification: Large Quantity Generator

Date form received by agency: 1992-03-04 00:00:00.0
Site name: ARTISTIC POLISHING & PLATING, INC
Classification: Large Quantity Generator

Date form received by agency: 1990-02-28 00:00:00.0
Site name: ARTISTIC POLISHING & PLATING#
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

CPS-SLIC:
Name: ARTISTIC POLISHING AND PLATING, INC
Address: 9751 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 11/18/2003
Global Id: SL603792703
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.055407
Longitude: -118.058166
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0039
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

**FALCO RACK INC (Continued)** **1000263444**

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:

| | |
|---|---|
| Name: | ARTISTIC POL & PLATING IN |
| Address: | 9751 E KLINGERMAN ST |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 4538 |
| Number: | 9 |
| Board Of Equalization: | 44-007823 |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-004538-000001 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | 4 |

| | |
|---|---|
| Name: | ARTISTIC POL & PLATING IN |
| Address: | 9751 E KLINGERMAN ST |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 4538 |
| Number: | 9 |
| Board Of Equalization: | 44-007823 |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-004538-000002 |
| Tank Status: | A |
| Capacity: | Not reported |
| Active Date: | 06-30-89 |
| Tank Use: | UNKNOWN |
| STG: | W |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

| | |
|---|---|
| Name: | ARTISTIC POL & PLATING IN |
| Address: | 9751 E KLINGERMAN ST |
| City: | SOUTH EL MONTE |
| Status: | Active |
| Comp Number: | 4538 |
| Number: | 9 |
| Board Of Equalization: | 44-007823 |
| Referral Date: | 06-30-89 |
| Action Date: | Not reported |
| Created Date: | 06-30-89 |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-004538-000003 |
| Tank Status: | A |

**FALCO RACK INC (Continued)** **1000263444**

Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: ARTISTIC POL & PLATING IN
Address: 9751 E KLINGERMAN ST
City: SOUTH EL MONTE
Status: Active
Comp Number: 4538
Number: 9
Board Of Equalization: 44-007823
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-004538-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: ARTISTIC POLISHING AND PLATING
Address: 9751 KLINGERMAN STREET
City,State,Zip: SOUTH EL MONTE, CA 91733
File Number: 0002657B
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002657B.pdf
Region: STATE
Facility ID: 00000046972
Facility Type: Other
Other Type: METAL POLISHING & PL
Contact Name: GEORGE E. ART, PRESIDENT
Telephone: 8185792250
Owner Name: ARTISTIC POLISHING & PLATING,
Owner Address: 9751 KLINGERMAN STREET
Owner City,St,Zip: SOUTH EL MONTE, CA 91733
Total Tanks: 0009

Tank Num: 001
Container Num: 1
Year Installed: 1981
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6.5
Leak Detection: Visual

Tank Num: 002
Container Num: 2
Year Installed: 1981
Tank Capacity: 00000300

**FALCO RACK INC (Continued)** **1000263444**

Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6.5
Leak Detection: Visual

Tank Num: 003
Container Num: 3
Year Installed: 1981
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6.5
Leak Detection: Visual

Tank Num: 004
Container Num: 456
Year Installed: 1981
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6.5
Leak Detection: Visual

Tank Num: 005
Container Num: 7
Year Installed: Not reported
Tank Capacity: 00000400
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 7
Leak Detection: Not reported

Tank Num: 006
Container Num: 8
Year Installed: 1976
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 007
Container Num: 9
Year Installed: 1976
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Tank Num: 008
Container Num: 5
Year Installed: 1981
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6.5

**FALCO RACK INC (Continued)** **1000263444**

Leak Detection: Visual

Tank Num: 009
Container Num: 6
Year Installed: 1981
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6.5
Leak Detection: Visual

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:
Name: ARTISTIC POLISHING & PLATING
Address: 9751 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: I
Facility Id: 004380-I04538
Facility Type: 01
Facility Status: Closed
Area: 3U
Permit Number: 000004416
Permit Status: Closed

Name: ARTISTIC POLISHING & PLATING
Address: 9751 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: LA
Permit Category: T
Facility Id: 004380-004538
Facility Type: 0
Facility Status: Removed
Area: 3U
Permit Number: 00000100T
Permit Status: Removed

NPDES:
Name: ARTISTIC POLISHING & PLATING
Address: 9751 KLINGERMAN ST
City,State,Zip: SOUTH EL MONTE, CA 91733
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 4 19I004347
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported

**FALCO RACK INC (Continued)** **1000263444**

| | |
|---|---|
| Discharge Address: | Not reported |
| Discharge Name: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Status: | Terminated |
| Status Date: | 04/06/1992 |
| Operator Name: | Artistic Polishing & Plating |
| Operator Address: | 9751 Klingerman St |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |

NPDES as of 03/2018:

| | |
|---|---|
| NPDES Number: | Not reported |
| Status: | Not reported |
| Agency Number: | Not reported |
| Region: | 4 |
| Regulatory Measure ID: | 268713 |
| Order Number: | Not reported |
| Regulatory Measure Type: | Industrial |
| Place ID: | Not reported |
| WDID: | 4 19I004347 |
| Program Type: | Not reported |
| Adoption Date Of Regulatory Measure: | Not reported |
| Effective Date Of Regulatory Measure: | Not reported |
| Expiration Date Of Regulatory Measure: | Not reported |
| Termination Date Of Regulatory Measure: | Not reported |
| Discharge Name: | Not reported |
| Discharge Address: | Not reported |
| Discharge City: | Not reported |
| Discharge State: | Not reported |
| Discharge Zip: | Not reported |
| Received Date: | 05/09/2008 |
| Processed Date: | 04/06/1992 |
| Status: | Terminated |
| Status Date: | 04/06/1992 |
| Place Size: | 41400 |
| Place Size Unit: | SqFt |
| Contact: | George Art |
| Contact Title: | Not reported |
| Contact Phone: | 626-579-2250 |
| Contact Phone Ext: | Not reported |
| Contact Email: | Not reported |
| Operator Name: | Artistic Polishing & Plating |
| Operator Address: | 9751 Klingerman St |
| Operator City: | South El Monte |
| Operator State: | California |
| Operator Zip: | 91733 |
| Operator Contact: | George Art |
| Operator Contact Title: | Not reported |
| Operator Contact Phone: | 626-579-2250 |
| Operator Contact Phone Ext: | Not reported |
| Operator Contact Email: | Not reported |
| Operator Type: | Private Business |
| Developer: | Not reported |
| Developer Address: | Not reported |
| Developer City: | Not reported |

**FALCO RACK INC (Continued)** **1000263444**

| | |
|---|---|
| Developer State: | California |
| Developer Zip: | Not reported |
| Developer Contact: | Not reported |
| Developer Contact Title: | Not reported |
| Constype Linear Utility Ind: | Not reported |
| Emergency Phone: | 626-579-2250 |
| Emergency Phone Ext: | Not reported |
| Constype Above Ground Ind: | Not reported |
| Constype Below Ground Ind: | Not reported |
| Constype Cable Line Ind: | Not reported |
| Constype Comm Line Ind: | Not reported |
| Constype Commertial Ind: | Not reported |
| Constype Electrical Line Ind: | Not reported |
| Constype Gas Line Ind: | Not reported |
| Constype Industrial Ind: | Not reported |
| Constype Other Description: | Not reported |
| Constype Other Ind: | Not reported |
| Constype Recons Ind: | Not reported |
| Constype Residential Ind: | Not reported |
| Constype Transport Ind: | Not reported |
| Constype Utility Description: | Not reported |
| Constype Utility Ind: | Not reported |
| Constype Water Sewer Ind: | Not reported |
| Dir Discharge Uswater Ind: | Not reported |
| Receiving Water Name: | Not reported |
| Certifier: | Not reported |
| Certifier Title: | Not reported |
| Certification Date: | Not reported |
| Primary Sic: | 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring |
| Secondary Sic: | Not reported |
| Tertiary Sic: | Not reported |

WIP:

| | |
|---|---|
| Name: | ARTISTIC POLISHING & PLATING |
| Address: | 9751 Klingerman St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0039 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

CIWQS:

| | |
|---|---|
| Name: | ARTISTIC POLISHING & PLATING |
| Address: | 9751 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Agency: | Artistic Polishing & Plating |
| Agency Address: | 9751 Klingerman St, South El Monte, CA 91733 |
| Place/Project Type: | Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring |
| SIC/NAICS: | 3471 |
| Region: | 4 |
| Program: | INDSTW |
| Regulatory Measure Status: | Terminated |
| Regulatory Measure Type: | Storm water industrial |

**FALCO RACK INC (Continued)** **1000263444**

| | |
|---|---|
| Order Number: | 2014-0057-DWQ |
| WDID: | 4 19I004347 |
| NPDES Number: | CAS000001 |
| Adoption Date: | Not reported |
| Effective Date: | 04/06/1992 |
| Termination Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Design Flow: | Not reported |
| Major/Minor: | Not reported |
| Complexity: | Not reported |
| TTWQ: | Not reported |
| Enforcement Actions within 5 years: | 0 |
| Violations within 5 years: | 0 |
| Latitude: | 34.05549 |
| Longitude: | -118.05657 |

CERS:

| | |
|---|---|
| Name: | ARTISTIC POLISHING AND PLATING, INC |
| Address: | 9751 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 202187 |
| CERS ID: | SL603792703 |
| CERS Description: | Cleanup Program Site |

| | |
|---|---|
| Name: | ARTISTIC POLISHING & PLATING |
| Address: | 9751 KLINGERMAN STREET |
| City,State,Zip: | SOUTH EL MONTE, CA 91733-1728 |
| Site ID: | 452401 |
| CERS ID: | 110002634515 |
| CERS Description: | US EPA Air Emission Inventory System (EIS) |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Environmental Contact |
| Entity Name: | BRIAN BAUMGARDNER |
| Entity Title: | Not reported |
| Affiliation Address: | 9751 KLINGERMAN ST |
| Affiliation City: | SELMONTE |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

| | |
|---|---|
| Affiliation Type Desc: | Public Contact |
| Entity Name: | GEORGE ART |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**AR359** **ASTRONAUTIC ENAMELERS** **CPS-SLIC** **S106090654**
**ENE** **9758 KLINGERMAN ST** **ENF** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **WIP**
**0.365 mi.** **CERS**
**1925 ft.** **Site 4 of 4 in cluster AR**

**Relative:**
**Higher**

**Actual:**
**249 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | ASTRONAUTIC ENAMELERS |
| Address: | 9758 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 08/04/2014 |
| Global Id: | SL603798750 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.0553003343049 |
| Longitude: | -118.055859300247 |
| Case Type: | Cleanup Program Site |
| Case Worker: | SLH |
| Local Agency: | Not reported |
| RB Case Number: | 107.0456 |
| File Location: | Regional Board |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

ENF:

| | |
|---|---|
| Name: | ASTRONAUTIC ENAMELERS |
| Address: | 9758 KLINGERMAN |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 206628 |
| Agency Name: | Astronautic Enamelers |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.055489 |
| Place Longitude: | -118.056445 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |

**ASTRONAUTIC ENAMELERS (Continued)** **S106090654**

| | |
|---|---|
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070456 |
| Reg Measure Id: | 152381 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 244359 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 04/17/2003 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/17/2003 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070456 |
| Description: | NOV sent 4/17/03 for overdue emergent chemical survey report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |

**ASTRONAUTIC ENAMELERS (Continued)** **S106090654**

| | |
|---|---|
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |
| Name: | ASTRONAUTIC ENAMELERS |
| Address: | 9758 KLINGERMAN |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 206628 |
| Agency Name: | Astronautic Enamelers |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.055489 |
| Place Longitude: | -118.056445 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070456 |
| Reg Measure Id: | 152381 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |

**ASTRONAUTIC ENAMELERS (Continued)** **S106090654**

| | |
|---|---|
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 229235 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 08/31/1999 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 08/31/1999 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070456 |
| Description: | Notice of Violation sent 8/31/99 for overdue remedial progress report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | ASTRONAUTIC ENAMELERS |
| Address: | 9758 KLINGERMAN |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 206628 |
| Agency Name: | Astronautic Enamelers |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.055489 |
| Place Longitude: | -118.056445 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |

**ASTRONAUTIC ENAMELERS (Continued)** **S106090654**

| | |
|---|---|
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070456 |
| Reg Measure Id: | 152381 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 229170 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Staff Enforcement Letter |
| Effective Date: | 07/23/1999 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 07/23/1999 |
| ACL Issuance Date: | Not reported |

**ASTRONAUTIC ENAMELERS (Continued)** **S106090654**

| | |
|---|---|
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070456 |
| Description: | Level 1 enforcement letter sent 7/23/99 for overdue remedial progress report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

WIP:

| | |
|---|---|
| Name: | ASTRONAUTIC ENAMELERS |
| Address: | 9758 Klingerman St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0456 |
| **File Status:** | **Backlog** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | ASTRONAUTIC ENAMELERS |
| Address: | 9758 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 257057 |
| CERS ID: | SL603798750 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | STEFANIE HADA - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4th Street, Ste. 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | 2135766659 |

---

**360**
**SSE**
**1/4-1/2**
**0.377 mi.**
**1992 ft.**

**COMBINED TRADING (USA) INC.** **CPS-SLIC** **S106765486**
**1600 CHICO AVE.** **WIP** **N/A**
**SOUTH EL MONTE, CA 91733**

**Relative:**
**Lower**

**Actual:**
**232 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | COMBINED TRADING (USA) INC. |
| Address: | 1600 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |

**COMBINED TRADING (USA) INC. (Continued)** **S106765486**

| | |
|---|---|
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 04/06/2020 |
| Global Id: | T10000014296 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.04722 |
| Longitude: | -118.0589 |
| Case Type: | Cleanup Program Site |
| Case Worker: | SLH |
| Local Agency: | Not reported |
| RB Case Number: | 107.0750 |
| File Location: | Not reported |
| Potential Media Affected: | Not reported |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | COMBINED TRADING (USA) INC. |
| Address: | 1600 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0750 |
| **File Status:** | **Not reported** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | E |

---

**361**
**ESE**
**1/4-1/2**
**0.386 mi.**
**2039 ft.**

**B.I.G ENTERPRISES, INC.**
**1919 POTRERO AVE**
**SOUTH EL MONTE, CA 91733**

**CPS-SLIC** **S106484649**
**WIP** **N/A**
**CERS**

**Relative:**
**Higher**

**Actual:**
**241 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | B.I.G. ENTERPRISES, INC. |
| Address: | 1919 POTRERO AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 10/29/2014 |
| Global Id: | SL603798842 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.0505437914551 |
| Longitude: | -118.056271076202 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.5884 |
| File Location: | Regional Board |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

**B.I.G ENTERPRISES, INC. (Continued)** **S106484649**

WIP:
Name: B.I.G ENTERPRISES, INC.
Address: 1919 Potrero Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.5884
**File Status: Active**
Staff: REHE
Facility Suite: Not reported

CERS:
Name: B.I.G. ENTERPRISES, INC.
Address: 1919 POTRERO AVENUE
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 243926
CERS ID: SL603798842
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

**362**
**SE**
**1/4-1/2**
**0.401 mi.**
**2117 ft.**

**OBE TOOL & DIES**
**9742 ALPACA ST**
**SOUTH EL MONTE, CA 91733**

**CPS-SLIC** **S106484571**
**WIP** **N/A**
**CERS**

**Relative:**
**Higher**

**Actual:**
**237 ft.**

CPS-SLIC:
Name: OBE TOOL & DIES
Address: 9742 ALPACA ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status: Open - Inactive**
Status Date: 01/29/2015
Global Id: SL603798760
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.049125
Longitude: -118.05704
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.0632
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

**OBE TOOL & DIES (Continued)** **S106484571**

Click here to access the California GeoTracker records for this facility:

WIP:
Name: OBE TOOL & DIES
Address: 9742 Alpaca St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0632
**File Status: Backlog**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: OBE TOOL & DIES
Address: 9742 ALPACA ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 237833
CERS ID: SL603798760
CERS Description: Cleanup Program Site

---

**363**
**SSE**
**1/4-1/2**
**0.403 mi.**
**2127 ft.**

**Relative:**
**Lower**

**Actual:**
**230 ft.**

**INSUL ACOUSTICS INC**
**1430 CHICO AVE**
**SOUTH EL MONTE, CA 91733**

**CPS-SLIC** **S106484622**
**SWEEPS UST** **N/A**
**EMI**
**ENF**
**WIP**
**CERS**

CPS-SLIC:
Name: TONKS PROPERTIES
Address: 1430 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status: Completed - Case Closed**
Status Date: 03/17/1995
Global Id: SL603798812
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.0485029209302
Longitude: -118.046901283721
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.1665
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:
Name: INSUL ACOUSTICS INC
Address: 1430 CHICO AVE
City: SOUTH EL MONTE
Status: Not reported

**INSUL ACOUSTICS INC (Continued)** **S106484622**

Comp Number: 15633
Number: Not reported
Board Of Equalization: 44-032226
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-015633-000001
Tank Status: Not reported
Capacity: 2500
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: Not reported
Number Of Tanks: 5

Name: INSUL ACOUSTICS INC
Address: 1430 CHICO AVE
City: SOUTH EL MONTE
Status: Not reported
Comp Number: 15633
Number: Not reported
Board Of Equalization: 44-032226
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-015633-000002
Tank Status: Not reported
Capacity: 2500
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: INSUL ACOUSTICS INC
Address: 1430 CHICO AVE
City: SOUTH EL MONTE
Status: Not reported
Comp Number: 15633
Number: Not reported
Board Of Equalization: 44-032226
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-015633-000003
Tank Status: Not reported
Capacity: 2500
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: INSUL ACOUSTICS INC

**INSUL ACOUSTICS INC (Continued)** **S106484622**

| | |
|---|---|
| Address: | 1430 CHICO AVE |
| City: | SOUTH EL MONTE |
| Status: | Not reported |
| Comp Number: | 15633 |
| Number: | Not reported |
| Board Of Equalization: | 44-032226 |
| Referral Date: | Not reported |
| Action Date: | Not reported |
| Created Date: | Not reported |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-015633-000004 |
| Tank Status: | Not reported |
| Capacity: | 5000 |
| Active Date: | Not reported |
| Tank Use: | CHEMICAL |
| STG: | PRODUCT |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

| | |
|---|---|
| Name: | INSUL ACOUSTICS INC |
| Address: | 1430 CHICO AVE |
| City: | SOUTH EL MONTE |
| Status: | Not reported |
| Comp Number: | 15633 |
| Number: | Not reported |
| Board Of Equalization: | 44-032226 |
| Referral Date: | Not reported |
| Action Date: | Not reported |
| Created Date: | Not reported |
| Owner Tank Id: | Not reported |
| SWRCB Tank Id: | 19-000-015633-000005 |
| Tank Status: | Not reported |
| Capacity: | 5000 |
| Active Date: | Not reported |
| Tank Use: | CHEMICAL |
| STG: | PRODUCT |
| Content: | Not reported |
| Number Of Tanks: | Not reported |

EMI:

| | |
|---|---|
| Name: | WORLD CONSORTIUM OF CO INC |
| Address: | 1430 CHICO AV |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 21812 |
| Air District Name: | SC |
| SIC Code: | 5311 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 1 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |

**INSUL ACOUSTICS INC (Continued)** **S106484622**

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

ENF:

| | |
|---|---|
| Name: | INSUL-ACOUSTICS |
| Address: | 1430 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 232512 |
| Agency Name: | Insul-Acoustics |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.046453 |
| Place Longitude: | -118.059997 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1071665 |
| Reg Measure Id: | 154427 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |

**INSUL ACOUSTICS INC (Continued)** **S106484622**

| | |
|---|---|
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 244312 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 04/17/2003 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/17/2003 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1071665 |
| Description: | NOV sent 4/17/03 for overdue emergent chemical survey report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | INSUL-ACOUSTICS |
| Address: | 1430 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 232512 |
| Agency Name: | Insul-Acoustics |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.046453 |
| Place Longitude: | -118.059997 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |

**INSUL ACOUSTICS INC (Continued)** **S106484622**

| | |
|---|---|
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1071665 |
| Reg Measure Id: | 154427 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 230267 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 07/10/2000 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 07/10/2000 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |

**INSUL ACOUSTICS INC (Continued)** **S106484622**

| | |
|---|---|
| Status: | Historical |
| Title: | Enforcement - 4WIP1071665 |
| Description: | Notice of Violation sent 7/10/00 for failure to submit groundwater investigation workplan. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | INSUL-ACOUSTICS |
| Address: | 1430 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 232512 |
| Agency Name: | Insul-Acoustics |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.046453 |
| Place Longitude: | -118.059997 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1071665 |
| Reg Measure Id: | 154427 |
| Reg Measure Type: | Unregulated |

**INSUL ACOUSTICS INC (Continued)** **S106484622**

| | |
|---|---|
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 230198 |
| Region: | 4 |
| Order / Resolution Number: | R4-2000-0021 |
| Enforcement Action Type: | Admin Civil Liability |
| Effective Date: | 03/10/2000 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | Not reported |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Withdrawn |
| Title: | Enforcement - 4WIP1071665 |
| Description: | ACP 2000-021for $30,300 issued 3/10/00 for failure to submit groundwater monitoring report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

| | |
|---|---|
| Name: | INSUL-ACOUSTICS |
| Address: | 1430 CHICO |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 232512 |
| Agency Name: | Insul-Acoustics |
| Place Type: | Facility |
| Place Subtype: | Not reported |

**INSUL ACOUSTICS INC (Continued)** **S106484622**

| | |
|---|---|
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.046453 |
| Place Longitude: | -118.059997 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1071665 |
| Reg Measure Id: | 154427 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |

**INSUL ACOUSTICS INC (Continued)** **S106484622**

| | |
|---|---|
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 230008 |
| Region: | 4 |
| Order / Resolution Number: | UNKNOWN |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 01/05/1999 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 01/05/1999 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1071665 |
| Description: | Notice of Violation sent 1/5/99 for failure to submit groundwater monitoring report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

WIP:

| | |
|---|---|
| Name: | TONKS PROPERTIES |
| Address: | 1430 Chico Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1665 |
| **File Status:** | **Active** |
| Staff: | CORTEZ |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | TONKS PROPERTIES |
| Address: | 1430 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 188527 |
| CERS ID: | SL603798812 |
| CERS Description: | Cleanup Program Site |

---

**364**
**North**
**1/4-1/2**
**0.406 mi.**
**2144 ft.**

**VANSCO** **CPS-SLIC** **S106484621**
**2652 LASHBROOK AVE.** **CERS HAZ WASTE** **N/A**
**SOUTH EL MONTE, CA 91733** **WIP**
**CERS**

**Relative:**
**Higher**

**Actual:**
**245 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | VANSCO |
| Address: | 2652 LASHBROOK AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 10/29/2014 |

**VANSCO (Continued)** **S106484621**

| | |
|---|---|
| Global Id: | SL603798811 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.06048 |
| Longitude: | -118.061852 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.1654 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

| | |
|---|---|
| Name: | VANSCO PRODUCTS |
| Address: | 2652 LASHBROOK AVE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 80187 |
| CERS ID: | 10306678 |
| CERS Description: | Hazardous Waste Generator |

WIP:

| | |
|---|---|
| Name: | VANSCO |
| Address: | 2652 Lashbrook Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1654 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | VANSCO |
| Address: | 2652 LASHBROOK AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 245379 |
| CERS ID: | SL603798811 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JEFFREY HU - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**AT365** **WESTERN WELDING AND IRON** **CPS-SLIC** **S106484591**
**East** **9823 RUSH ST** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.411 mi.**
**2171 ft.** **Site 1 of 2 in cluster AT**

**Relative:**
**Higher**

**Actual:**
**244 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | WESTERN WELDING AND IRON |
| Address: | 9823 RUSH ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 01/29/2015 |
| Global Id: | SL603798781 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.051854 |
| Longitude: | -118.054699 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 107.1087 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | WESTERN WELDING AND IRON |
| Address: | 9823 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1087 |
| **File Status:** | **Backlog** |
| Staff: | UNIDENTIFIED |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | WESTERN WELDING AND IRON |
| Address: | 9823 RUSH ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 204725 |
| CERS ID: | SL603798781 |
| CERS Description: | Cleanup Program Site |

---

**AT366** **UNIVERSAL THREAD /SEALAND SUPPLIES CORP.** **CPS-SLIC** **S106484604**
**ESE** **9810 RUSH ST** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.417 mi.**
**2201 ft.** **Site 2 of 2 in cluster AT**

**Relative:**
**Higher**

**Actual:**
**243 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | UNIVERSAL THREAD /SEALAND SUPPLIES CORP. |
| Address: | 9810 RUSH ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Completed - Case Closed** |

**UNIVERSAL THREAD /SEALAND SUPPLIES CORP. (Continued)** **S106484604**

| | |
|---|---|
| Status Date: | 03/17/1995 |
| Global Id: | SL603798794 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.051854 |
| Longitude: | -118.054699 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.1268 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | UNIVERSAL THREAD /SEALAND SUPPLIES CORP. |
| Address: | 9810 Rush St |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1268 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | UNIVERSAL THREAD /SEALAND SUPPLIES CORP. |
| Address: | 9810 RUSH ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 248168 |
| CERS ID: | SL603798794 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JEFFREY HU - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

---

**AU367** **CLAMP MANUFACTURING CO., INC.** **CPS-SLIC** **S106484577**
**SSE** **1503 ADELIA AVE** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.446 mi.**
**2353 ft.** **Site 1 of 3 in cluster AU**

**Relative:**
**Lower**

**Actual:**
**232 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | CLAMP MANUFACTURING CO., INC. |
| Address: | 1503 ADELIA AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |

**CLAMP MANUFACTURING CO., INC. (Continued)** **S106484577**

| | |
|---|---|
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 10/29/2014 |
| Global Id: | SL603798766 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.046458 |
| Longitude: | -118.056883 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.0738 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | CLAMP MANUFACTURING CO., INC. |
| Address: | 1503 Adelia Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0738 |
| **File Status:** | **Active** |
| Staff: | CORTEZ |
| Facility Suite: | Not reported |

| | |
|---|---|
| Name: | PLUS MANUFACTURING CO., INC. |
| Address: | 1503 Adelia Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.1374 |
| **File Status:** | **Historical** |
| Staff: | WDP |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | CLAMP MANUFACTURING CO., INC. |
| Address: | 1503 ADELIA AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 214430 |
| CERS ID: | SL603798766 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JEFFREY HU - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**368**
**ENE**
**1/4-1/2**
**0.448 mi.**
**2363 ft.**

**Relative:**
**Higher**

**Actual:**
**252 ft.**

**SEACHROME CORPORATION**
**9831 KLINGERMAN ST**
**SOUTH EL MONTE, CA 91733**

**Database(s):** CPS-SLIC, HIST UST, EMI, ENF, WIP, CERS

**EDR ID Number:** U001569494
**EPA ID Number:** N/A

CPS-SLIC:

| | |
|---|---|
| Name: | SEACHROME CORPORATION |
| Address: | 9831 KLINGERMAN ST. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Site Assessment** |
| Status Date: | 05/25/2016 |
| Global Id: | SL603798731 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.055705774751 |
| Longitude: | -118.05466035582 |
| Case Type: | Cleanup Program Site |
| Case Worker: | SM |
| Local Agency: | Not reported |
| RB Case Number: | 107.0331 |
| File Location: | Regional Board |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Seachrome Corporation was a manufacturer of bathroom hardware and metal furniture with plating and electroplating processes including hexavalent chromium plating in the City of South El Monte from the mid-1940s to 1998. VOCs, 1,4-dioxane and hexavalent chromium are chemicals of concern at the site. |

Click here to access the California GeoTracker records for this facility:

HIST UST:

| | |
|---|---|
| Name: | SEACHROME CORPORATION |
| Address: | 9831 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| File Number: | 0002823D |
| URL: | http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002823D.pdf |
| Region: | STATE |
| Facility ID: | 00000041262 |
| Facility Type: | Other |
| Other Type: | MANUFACTURING |
| Contact Name: | SAM C. LONGO |
| Telephone: | 8184423380 |
| Owner Name: | SEACHROME CORPORATION |
| Owner Address: | 9831 KLINGERMAN ST. |
| Owner City,St,Zip: | SOUTH EL MONTE, CA 91733 |
| Total Tanks: | 0001 |
| | |
| Tank Num: | 001 |
| Container Num: | 1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000150 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 6" |
| Leak Detection: | Visual |

**SEACHROME CORPORATION (Continued)** **U001569494**

| | |
|---|---|
| Tank Num: | 002 |
| Container Num: | #1 |
| Year Installed: | Not reported |
| Tank Capacity: | 00000000 |
| Tank Used for: | WASTE |
| Type of Fuel: | Not reported |
| Container Construction Thickness: | 4 |
| Leak Detection: | Visual, Stock Inventor |

Click here for Geo Tracker PDF:

EMI:

| | |
|---|---|
| Name: | SEACHROME CORP |
| Address: | 9831 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1987 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 42818 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 5 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | SEACHROME CORP |
| Address: | 9831 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1990 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 42818 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 5 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | SEACHROME CORP |
| Address: | 9831 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1995 |
| County Code: | 19 |

**SEACHROME CORPORATION (Continued)** **U001569494**

| | |
|---|---|
| Air Basin: | SC |
| Facility ID: | 42818 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 6 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | SEACHROME CORP |
| Address: | 9831 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1996 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 42818 |
| Air District Name: | SC |
| SIC Code: | 3471 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 7 |
| Reactive Organic Gases Tons/Yr: | 1 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | SEACHROME CORP |
| Address: | 9831 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1997 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 42818 |
| Air District Name: | SC |
| SIC Code: | 3429 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 4 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | SEACHROME CORP |
| Address: | 9831 KLINGERMAN ST |

**SEACHROME CORPORATION (Continued)** **U001569494**

| | |
|---|---|
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1998 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 42818 |
| Air District Name: | SC |
| SIC Code: | 3429 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 4 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | SEACHROME CORP |
| Address: | 9831 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 1999 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 42818 |
| Air District Name: | SC |
| SIC Code: | 3429 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 4 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

| | |
|---|---|
| Name: | SEACHROME CORP |
| Address: | 9831 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2000 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 42818 |
| Air District Name: | SC |
| SIC Code: | 3429 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 4 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

**SEACHROME CORPORATION (Continued)** **U001569494**

| | |
|---|---|
| Name: | SEACHROME CORP |
| Address: | 9831 KLINGERMAN ST |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Year: | 2001 |
| County Code: | 19 |
| Air Basin: | SC |
| Facility ID: | 42818 |
| Air District Name: | SC |
| SIC Code: | 3429 |
| Air District Name: | SOUTH COAST AQMD |
| Community Health Air Pollution Info System: | Not reported |
| Consolidated Emission Reporting Rule: | Not reported |
| Total Organic Hydrocarbon Gases Tons/Yr: | 0 |
| Reactive Organic Gases Tons/Yr: | 0 |
| Carbon Monoxide Emissions Tons/Yr: | 0 |
| NOX - Oxides of Nitrogen Tons/Yr: | 0 |
| SOX - Oxides of Sulphur Tons/Yr: | 0 |
| Particulate Matter Tons/Yr: | 0 |
| Part. Matter 10 Micrometers and Smllr Tons/Yr: | 0 |

ENF:

| | |
|---|---|
| Name: | SEACHROME CORPORATION |
| Address: | 9831 KLINGERMAN |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| Facility Id: | 256124 |
| Agency Name: | Seachrome Corporation |
| Place Type: | Facility |
| Place Subtype: | Not reported |
| Facility Type: | Not reported |
| Agency Type: | Privately-Owned Business |
| # Of Agencies: | 1 |
| Place Latitude: | 34.055478 |
| Place Longitude: | -118.054738 |
| SIC Code 1: | Not reported |
| SIC Desc 1: | Not reported |
| SIC Code 2: | Not reported |
| SIC Desc 2: | Not reported |
| SIC Code 3: | Not reported |
| SIC Desc 3: | Not reported |
| NAICS Code 1: | Not reported |
| NAICS Desc 1: | Not reported |
| NAICS Code 2: | Not reported |
| NAICS Desc 2: | Not reported |
| NAICS Code 3: | Not reported |
| NAICS Desc 3: | Not reported |
| # Of Places: | 1 |
| Source Of Facility: | Reg Meas |
| Design Flow: | Not reported |
| Threat To Water Quality: | Not reported |
| Complexity: | Not reported |
| Pretreatment: | Not reported |
| Facility Waste Type: | Not reported |
| Facility Waste Type 2: | Not reported |
| Facility Waste Type 3: | Not reported |
| Facility Waste Type 4: | Not reported |
| Program: | WIP |

**SEACHROME CORPORATION (Continued)** **U001569494**

| | |
|---|---|
| Program Category1: | MONITORING |
| Program Category2: | MONITORING |
| # Of Programs: | 1 |
| WDID: | 4WIP1070331 |
| Reg Measure Id: | 153373 |
| Reg Measure Type: | Unregulated |
| Region: | 4 |
| Order #: | Not reported |
| Npdes# CA#: | Not reported |
| Major-Minor: | Not reported |
| Npdes Type: | Not reported |
| Reclamation: | Not reported |
| Dredge Fill Fee: | Not reported |
| 301H: | Not reported |
| Application Fee Amt Received: | Not reported |
| Status: | Never Active |
| Status Date: | 02/20/2013 |
| Effective Date: | Not reported |
| Expiration/Review Date: | Not reported |
| Termination Date: | Not reported |
| WDR Review - Amend: | Not reported |
| WDR Review - Revise/Renew: | Not reported |
| WDR Review - Rescind: | Not reported |
| WDR Review - No Action Required: | Not reported |
| WDR Review - Pending: | Not reported |
| WDR Review - Planned: | Not reported |
| Status Enrollee: | N |
| Individual/General: | I |
| Fee Code: | Not reported |
| Direction/Voice: | Passive |
| Enforcement Id(EID): | 244356 |
| Region: | 4 |
| Order / Resolution Number: | NOV |
| Enforcement Action Type: | Notice of Violation |
| Effective Date: | 04/17/2003 |
| Adoption/Issuance Date: | Not reported |
| Achieve Date: | Not reported |
| Termination Date: | 04/17/2003 |
| ACL Issuance Date: | Not reported |
| EPL Issuance Date: | Not reported |
| Status: | Historical |
| Title: | Enforcement - 4WIP1070331 |
| Description: | NOV sent 4/17/03 for overdue emergent chemical survey report. |
| Program: | WIP |
| Latest Milestone Completion Date: | Not reported |
| # Of Programs1: | 1 |
| Total Assessment Amount: | 0 |
| Initial Assessed Amount: | 0 |
| Liability $ Amount: | 0 |
| Project $ Amount: | 0 |
| Liability $ Paid: | 0 |
| Project $ Completed: | 0 |
| Total $ Paid/Completed Amount: | 0 |

WIP:
Name: SEACHROME CORPORATION

**SEACHROME CORPORATION (Continued)** **U001569494**

Address: 9831 Klingerman St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.0331
**File Status: Backlog**
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: SEACHROME CORPORATION
Address: 9831 KLINGERMAN STREET
City,State,Zip: SOUTH EL MONTE, CA 91733-1897
Site ID: 493180
CERS ID: 110002716222
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: SAM C LONGO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: SAM LONGO
Entity Title: Not reported
Affiliation Address: 939 N VERNON AVE
Affiliation City: AZUSA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: SEACHROME CORPORATION
Address: 9831 KLINGERMAN ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 242220
CERS ID: SL603798731
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: SHERVIN MILANI - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766705

**AV369** **MARTIN LITWIN DUMP** **SWF/LF** **S111075997**
**South** **1626 ROSEMEAD BOULEVARD** **LOS ANGELES CO LF METHANE** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733**
**0.454 mi.**
**2395 ft.** **Site 1 of 2 in cluster AV**

**Relative:**
**Lower**

**Actual:**
**226 ft.**

LOS ANGELES CO. LF:

| | |
|---|---|
| Name: | MARTIN LITWIN DUMP |
| Address: | 1626 ROSEMEAD BOULEVARD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 1983 |
| Alt. Address: | 1522 - 1644 Rosemead Boulevard, South El Monte, CA |
| Site Contact: | Not reported |
| Site Contact Phone: | Not reported |
| Site Email: | Not reported |
| Site Website: | Not reported |
| Site Type: | Unknown |
| Site SWIS Number: | 19-AA-5119 |
| Beginning Operation Date: | Not reported |
| Ending Operation Date: | Not reported |
| Local Enforcement Agency: | County Public Health |
| Maximun Depth Fill(Ft): | Not reported |
| Permitted Capacity: | Not reported |
| Present Use: | Vacant |
| Remaining Capacity(Million): | Not reported |
| Status: | Closed |
| Waste Accepted: | Not reported |
| Hours of Operation: | Not reported |
| Disposal Area (Acre): | Not reported |

Detail As Of 01/2014:

| | |
|---|---|
| Operator Name: | Martin Litwin |
| Operator Address: | Not reported |
| Operator City/State/Zip: | Not reported |
| Operator Contact: | Not reported |
| Operator Telephone: | Not reported |
| Operator Email: | Not reported |
| Owner Name: | US Army Corps of Engineers |
| Owner Address: | P.O. Box 117 |
| Owner City/State/Zip: | Piedra, CA 93649 |
| Owner Contact: | Not reported |
| Owner Telephone: | Not reported |
| Owner Email: | Not reported |

LOS ANGELES CO LF METHANE:

| | |
|---|---|
| Name: | MARTIN LITWIN DUMP |
| Address: | 1626 ROSEMEAD BOULEVARD |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site Number: | 1983 |
| Status: | Closed |
| Description: | Unknown |
| Operator Name: | Martin Litwin |
| Operator Telephone: | Not reported |

**AV370** **MARTIN LITWIN** **SWF/LF** **S102360771**
**South** **1626 ROSEMEAD BLVD** **CERS** **N/A**
**1/4-1/2** **EL MONTE, CA 91733**
**0.454 mi.**
**2395 ft.** **Site 2 of 2 in cluster AV**

**Relative:**
**Lower**

**Actual:**
**226 ft.**

SWF/LF (SWIS):

| | |
|---|---|
| Name: | MARTIN LITWIN |
| Address: | 1626 ROSEMEAD BLVD |
| City,State,Zip: | EL MONTE, CA |
| Facility ID: | 19-AA-5119 |
| Lat/Long: | 34.0476 / -118.0674 |
| Owner Name: | US Army Corps Of Engrs-Piedra |
| Owner Telephone: | Not reported |
| Owner Address: | Not reported |
| Owner Address2: | Po Box 117 |
| Owner City,St,Zip: | Piedra, CA 93649 |
| Operational Status: | Closed |
| Operator: | Martin Litwin |
| Operator Phone: | Not reported |
| Operator Address: | Not reported |
| Operator Address2: | Not reported |
| Operator City,St,Zip: | Not reported |
| Permit Date: | Not reported |
| Permit Status: | Not reported |
| Permitted Acreage: | $0.00 |
| Activity: | Solid Waste Disposal Site |
| Regulation Status: | Unpermitted |
| Landuse Name: | Not reported |
| GIS Source: | Map |
| Category: | Disposal |
| Unit Number: | 01 |
| Inspection Frequency: | Annual |
| Accepted Waste: | Not reported |
| Closure Date: | Not reported |
| Closure Type: | Not reported |
| Disposal Acreage: | $0.00 |
| SWIS Num: | 19-AA-5119 |
| Waste Discharge Requirement Num: | Not reported |
| Program Type: | Not reported |
| Permitted Throughput with Units: | Not reported |
| Actual Throughput with Units: | Not reported |
| Permitted Capacity with Units: | Not reported |
| Remaining Capacity: | Not reported |
| Remaining Capacity with Units: | Not reported |
| Lat/Long: | 34.0476 / -118.0674 |

CERS:

| | |
|---|---|
| Name: | MARTIN LITWIN |
| Address: | 1626 ROSEMEAD BLVD |
| City,State,Zip: | EL MONTE, CA |
| Site ID: | 510041 |
| CERS ID: | 19-AA-5119 |
| CERS Description: | Solid Waste and Recycle Sites |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Legal Operator |
| Entity Name: | Martin Litwin |
| Entity Title: | Not reported |

**MARTIN LITWIN (Continued)** **S102360771**

| | |
|---|---|
| Affiliation Address: | Not reported |
| Affiliation City: | Not reported |
| Affiliation State: | Not reported |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |
| Affiliation Type Desc: | Legal Owner |
| Entity Name: | US Army Corps Of Engrs-Piedra |
| Entity Title: | Not reported |
| Affiliation Address: | Not reported |
| Affiliation City: | Piedra |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | 93649 |
| Affiliation Phone: | Not reported |
| Name: | MARTIN LITWIN |
| Address: | 1626 ROSEMEAD BLVD |
| City,State,Zip: | EL MONTE, CA 91733 |
| Site ID: | 479395 |
| CERS ID: | 110013960632 |
| CERS Description: | US EPA Air Emission Inventory System (EIS) |

---

**371** **TONKS PROPERTIES** **CPS-SLIC** **S106484588**
**SSE** **1432 CHICO AVE** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.488 mi.**
**2579 ft.**

**Relative:**
**Lower**

**Actual:**
**230 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | TONKS PROPERTIES |
| Address: | 1432 CHICO AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 01/29/2015 |
| Global Id: | SL603798778 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.0485029209302 |
| Longitude: | -118.046901283721 |
| Case Type: | Cleanup Program Site |
| Case Worker: | Not reported |
| Local Agency: | Not reported |
| RB Case Number: | 107.1056 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | TONKS PROPERTIES |
| Address: | 1432 Chico Ave |

**TONKS PROPERTIES (Continued)** **S106484588**

City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1056
**File Status:** **Active**
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: TONKS PROPERTIES
Address: 1432 CHICO AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 236881
CERS ID: SL603798778
CERS Description: Cleanup Program Site

---

**372**
**ESE**
**1/4-1/2**
**0.490 mi.**
**2588 ft.**

**SKYWAYS INSPECTION**
**9853 E. RUSH ST**
**SOUTH EL MONTE, CA 91733**

**CPS-SLIC** **1000435915**
**WIP** **N/A**
**CERS**

**Relative:**
**Higher**

**Actual:**
**246 ft.**

CPS-SLIC:
Name: SKYWAYS INSPECTION
Address: 9853 E.. RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 11/30/1998
Global Id: SL603798808
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.051863
Longitude: -118.053229
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.1516
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: SKYWAYS INSPECTION
Address: 9853 E. Rush St
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1516
**File Status:** **Active**
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: SKYWAYS INSPECTION

**SKYWAYS INSPECTION (Continued)** **1000435915**

Address: 9853 E.. RUSH ST.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 186658
CERS ID: SL603798808
CERS Description: Cleanup Program Site

---

**AU373** **SCI INDUSTRIES, INC.** **CPS-SLIC** **S106484605**
**SSE** **1433 ADELIA AVE** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.493 mi.**
**2601 ft.** **Site 2 of 3 in cluster AU**

**Relative:**
**Lower**

**Actual:**
**231 ft.**

CPS-SLIC:
Name: SCI INDUSTRIES, INC.
Address: 1433 ADELIA AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: STATE
**Facility Status:** **Completed - Case Closed**
Status Date: 03/17/1995
Global Id: SL603798795
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.045659
Longitude: -118.056853
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 107.1276
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: SCI INDUSTRIES, INC.
Address: 1433 Adelia Ave
City,State,Zip: SOUTH EL MONTE, CA 91733
Region: 4
File Number: 107.1276
**File Status:** **Active**
Staff: CORTEZ
Facility Suite: Not reported

CERS:
Name: SCI INDUSTRIES, INC.
Address: 1433 ADELIA AVE.
City,State,Zip: SOUTH EL MONTE, CA 91733
Site ID: 199531
CERS ID: SL603798795
CERS Description: Cleanup Program Site

**AU374** **CONTRACTORS RUBBER SUPPLY** **CPS-SLIC** **S106484578**
**SSE** **1431 ADELIA AVE** **WIP** **N/A**
**1/4-1/2** **SOUTH EL MONTE, CA 91733** **CERS**
**0.494 mi.**
**2607 ft.** **Site 3 of 3 in cluster AU**

**Relative:**
**Lower**

**Actual:**
**231 ft.**

CPS-SLIC:

| | |
|---|---|
| Name: | CONTRACTORS RUBBER SUPPLY |
| Address: | 1431 ADELIA AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | STATE |
| **Facility Status:** | **Open - Inactive** |
| Status Date: | 10/29/2014 |
| Global Id: | SL603798767 |
| Lead Agency: | LOS ANGELES RWQCB (REGION 4) |
| Lead Agency Case Number: | Not reported |
| Latitude: | 34.045659 |
| Longitude: | -118.056853 |
| Case Type: | Cleanup Program Site |
| Case Worker: | GJH |
| Local Agency: | Not reported |
| RB Case Number: | 107.0764 |
| File Location: | Not reported |
| Potential Media Affected: | Aquifer used for drinking water supply |
| Potential Contaminants of Concern: | Not reported |
| Site History: | Not reported |

Click here to access the California GeoTracker records for this facility:

WIP:

| | |
|---|---|
| Name: | CONTRACTORS RUBBER SUPPLY |
| Address: | 1431 Adelia Ave |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Region: | 4 |
| File Number: | 107.0764 |
| **File Status:** | **Active** |
| Staff: | REHE |
| Facility Suite: | Not reported |

CERS:

| | |
|---|---|
| Name: | CONTRACTORS RUBBER SUPPLY |
| Address: | 1431 ADELIA AVE. |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Site ID: | 193903 |
| CERS ID: | SL603798767 |
| CERS Description: | Cleanup Program Site |

Affiliation:

| | |
|---|---|
| Affiliation Type Desc: | Regional Board Caseworker |
| Entity Name: | JEFFREY HU - LOS ANGELES RWQCB (REGION 4) |
| Entity Title: | Not reported |
| Affiliation Address: | 320 W. 4TH ST., SUITE 200 |
| Affiliation City: | LOS ANGELES |
| Affiliation State: | CA |
| Affiliation Country: | Not reported |
| Affiliation Zip: | Not reported |
| Affiliation Phone: | Not reported |

**AW375** **ALUM-A-COAT** **ENVIROSTOR** **S122221898**
**ENE** **9859 E. KALE STREET** **N/A**
**1/2-1** **SOUTH EL MONTE, CA 91733**
**0.507 mi.**
**2675 ft.** **Site 1 of 2 in cluster AW**

**Relative:**
**Higher**

**Actual:**
**254 ft.**

ENVIROSTOR:

| | |
|---|---|
| Name: | ALUM-A-COAT |
| Address: | 9859 E. KALE STREET |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | 71003529 |
| Status: | Refer: Other Agency |
| Status Date: | Not reported |
| Site Code: | Not reported |
| Site Type: | Tiered Permit |
| Site Type Detailed: | Tiered Permit |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Not reported |
| Division Branch: | Cleanup Chatsworth |
| Assembly: | 49 |
| Senate: | 22 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 34.05686 |
| Longitude: | -118.0536 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | CAT080012818 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110018980236 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 71003529 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

**AW376** **ALUM-A-COAT INC** **ENVIROSTOR** **S122221852**
**ENE** **2439 SEAMAN AVENUE** **N/A**
**1/2-1** **SOUTH EL MONTE, CA 91733**
**0.544 mi.**
**2870 ft.** **Site 2 of 2 in cluster AW**

**Relative:**
**Higher**

**Actual:**
**254 ft.**

ENVIROSTOR:

| | |
|---|---|
| Name: | ALUM-A-COAT INC |
| Address: | 2439 SEAMAN AVENUE |
| City,State,Zip: | SOUTH EL MONTE, CA 91733 |
| Facility ID: | 19340725 |
| Status: | Refer: Other Agency |
| Status Date: | 04/26/1984 |
| Site Code: | Not reported |
| Site Type: | Historical |
| Site Type Detailed: | * Historical |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | * Mmonroy |
| Division Branch: | Cleanup Chatsworth |
| Assembly: | 49 |
| Senate: | 22 |
| Special Program: | * RCRA 3012 - Past Haz Waste Disp Inven Site |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Not reported |
| Latitude: | 34.05655 |
| Longitude: | -118.0532 |
| APN: | 8102008018 |
| Past Use: | NONE SPECIFIED |
| Potential COC: | * HYDROCARBON SOLVENTS * ACID SOLUTION 2>PH WITH METALS * UNSPECIFIED SLUDGE WASTE |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | 8102008018 |
| Alias Type: | APN |
| Alias Name: | CAT080012818 |
| Alias Type: | EPA Identification Number |
| Alias Name: | 110018980236 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 19340725 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Site Screening |
| Completed Date: | 10/25/1994 |
| Comments: | Database verification project; NFA confirmed. |
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Preliminary Assessment Report |
| Completed Date: | 04/26/1984 |
| Comments: | FACILITY DRIVE-BY ASAP STAFF. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012 |

**ALUM-A-COAT INC (Continued)** **S122221852**

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | * Discovery |
| Completed Date: | 09/26/1983 |
| Comments: | FACILITY IDENTIFIED ID FROM ERRIS |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

---

**377 East 1/2-1 0.555 mi. 2932 ft.**

**EL MONTE DISPOSAL SERVICE**
**STORAGE YARD, MAPLE CANYON**
**SOUTH EL MONTE, CA 91732**

**RESPONSE** **S100351189**
**ENVIROSTOR** **N/A**
**HIST Cal-Sites**

**Relative: Higher**

**Actual: 249 ft.**

RESPONSE:

| | |
|---|---|
| Name: | EL MONTE DISPOSAL SERVICE |
| Address: | STORAGE YARD, MAPLE CANYON |
| City,State,Zip: | SOUTH EL MONTE, CA 91732 |
| Facility ID: | 19490219 |
| Site Type: | State Response |
| Site Type Detail: | State Response or NPL |
| Acres: | 0.1 |
| National Priorities List: | NO |
| Cleanup Oversight Agencies: | NONE SPECIFIED |
| Lead Agency Description: | Not reported |
| Project Manager: | Not reported |
| Supervisor: | Sayareh Amirebrahimi |
| Division Branch: | Cleanup Chatsworth |
| Site Code: | Not reported |
| Site Mgmt. Req.: | NONE SPECIFIED |
| Assembly: | 49 |
| Senate: | 22 |
| Special Program Status: | Not reported |
| Status: | Certified |
| Status Date: | 01/01/1983 |
| Restricted Use: | NO |
| Funding: | Responsible Party |
| Latitude: | 34.0525 |
| Longitude: | -118.0525 |
| APN: | NONE SPECIFIED |
| Past Use: | HAZARDOUS WASTE HAULER |
| Potential COC : | Arsenic Benzene Lead TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride |
| Confirmed COC: | 30001-NO 30003-NO 30013-NO 30024-NO 30025-NO 30026-NO 3002502-NO 30028-NO 30027-NO |
| Potential Description: | SED, SOIL, SV |
| Alias Name: | 110033605301 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 19490219 |
| Alias Type: | Envirostor ID Number |

**EL MONTE DISPOSAL SERVICE (Continued)** **S100351189**

Completed Info:

| | |
|---|---|
| Completed Area Name: | PROJECT WIDE |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Certification |
| Completed Date: | 01/01/1983 |
| Comments: | Certified. According to Tanner report, 118 cu yds of hazardous sludge was removed. A letter in the regional file indicates that the site was cleaned up about a week prior. The date of the memo was Feb 1, 1983. Therefore, absent a more specific date, January 1, 1983 was selected because it gives the earliest statute of limitations. |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |
| Schedule Revised Date: | Not reported |

ENVIROSTOR:

| | |
|---|---|
| Name: | EL MONTE DISPOSAL SERVICE |
| Address: | STORAGE YARD, MAPLE CANYON |
| City,State,Zip: | SOUTH EL MONTE, CA 91732 |
| Facility ID: | 19490219 |
| Status: | Certified |
| Status Date: | 01/01/1983 |
| Site Code: | Not reported |
| Site Type: | State Response |
| Site Type Detailed: | State Response or NPL |
| Acres: | 0.1 |
| NPL: | NO |
| Regulatory Agencies: | NONE SPECIFIED |
| Lead Agency: | NONE SPECIFIED |
| Program Manager: | Not reported |
| Supervisor: | Sayareh Amirebrahimi |
| Division Branch: | Cleanup Chatsworth |
| Assembly: | 49 |
| Senate: | 22 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | Responsible Party |
| Latitude: | 34.0525 |
| Longitude: | -118.0525 |
| APN: | NONE SPECIFIED |
| Past Use: | HAZARDOUS WASTE HAULER |
| Potential COC: | Arsenic Benzene Lead TPH-diesel TPH-gas TPH-MOTOR OIL 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride |
| Confirmed COC: | 30001-NO 30003-NO 30013-NO 30024-NO 30025-NO 30026-NO 3002502-NO 30028-NO 30027-NO |
| Potential Description: | SED, SOIL, SV |
| Alias Name: | 110033605301 |
| Alias Type: | EPA (FRS #) |
| Alias Name: | 19490219 |

**EL MONTE DISPOSAL SERVICE (Continued)** **S100351189**

Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/01/1983
Comments: Certified. According to Tanner report, 118 cu yds of hazardous sludge was removed. A letter in the regional file indicates that the site was cleaned up about a week prior. The date of the memo was Feb 1, 1983. Therefore, absent a more specific date, January 1, 1983 was selected because it gives the earliest statute of limitations.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:
Name: EL MONTE DISPOSAL SERVICE
Address: STORAGE YARD, MAPLE CANYON
City: SOUTH EL MONTE
Region: GLENDALE
Facility ID: 19490219
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: SA
Branch Name: SO CAL - GLENDALE
File Name: Not reported
State Senate District: 01011983
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: N/A
NPL: Not Listed
SIC Code: 49
SIC Name: ELECTRIC, GAS & SANITARY SERVICES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 49
State Senate District Code: 30
Facility ID: 19490219

**EL MONTE DISPOSAL SERVICE (Continued)** **S100351189**

| | |
|---|---|
| Activity: | CERT |
| Activity Name: | CERTIFICATION |
| AWP Code: | Not reported |
| Proposed Budget: | 0 |
| AWP Completion Date: | Not reported |
| Revised Due Date: | Not reported |
| Comments Date: | 01011983 |
| Est Person-Yrs to complete: | 0 |
| Estimated Size: | Not reported |
| Request to Delete Activity: | Not reported |
| Activity Status: | CERT |
| Definition of Status: | CERTIFIED |
| Liquids Removed (Gals): | 0 |
| Liquids Treated (Gals): | 0 |
| Action Included Capping: | Not reported |
| Well Decommissioned: | Not reported |
| Action Included Fencing: | Not reported |
| Removal Action Certification: | Not reported |
| Activity Comments: | Not reported |
| For Commercial Reuse: | 0 |
| For Industrial Reuse: | 0 |
| For Residential Reuse: | 0 |
| Unknown Type: | 0 |
| Alternate Address: | STORAGE YARD, MAPLE CANYON |
| Alternate City,St,Zip: | SOUTH EL MONTE, CA 91732 |
| Alternate Address: | 2012 SEAMAN AVE |
| Alternate City,St,Zip: | EL MONTE, CA 91733 |
| Background Info: | Not reported |
| Comments Date: | 01011983 |
| Comments: | Certified. According to Tanner report, 118 cu yds of |
| Comments Date: | 01011983 |
| Comments: | hazardous sludge was removed. A letter in the regional file |
| Comments Date: | 01011983 |
| Comments: | indicates that the site was cleaned up about a week prior. |
| Comments Date: | 01011983 |
| Comments: | The date of the memo was Feb 1, 1983. Therefore, absent a |
| Comments Date: | 01011983 |
| Comments: | more specific date, January 1, 1983 was selected because it |
| Comments Date: | 01011983 |
| Comments: | gives the earliest statute of limitations. |
| ID Name: | Not reported |
| ID Value: | Not reported |
| Alternate Name: | EL MONTE DISPOSAL SERVICE |
| Alternate Name: | Not reported |
| Special Programs Code: | Not reported |
| Special Programs Name: | Not reported |

---

**AX378** **USAR OD TRAINING AR WH NAR** **ENVIROSTOR** **S107737508**
**SW** **N/A**
**1/2-1** **WHITTIER, CA**
**0.601 mi.**
**3174 ft.** **Site 1 of 2 in cluster AX**

**Relative:** ENVIROSTOR:
**Lower**

| | |
|---|---|
| Name: | USAR OD TRAINING AR WH NAR |
| Address: | Not reported |
| City,State,Zip: | WHITTIER, CA |
| Facility ID: | 80000492 |

**Actual:**
**223 ft.**

**USAR OD TRAINING AR WH NAR (Continued)** **S107737508**

Status: Inactive - Needs Evaluation
Status Date: 07/01/2005
Site Code: Not reported
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 57
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 34.04583
Longitude: -118.0708
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F564500
Alias Type: Federal Facility ID
Alias Name: J09CA0658
Alias Type: INPR
Alias Name: 80000492
Alias Type: Envirostor ID Number

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

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

**AX379** **USAR OUTDR TRAINNG AREA WH NAR** **FUDS** **1024903682**
**SW** **N/A**
**1/2-1** **WHITTIER, CA**
**0.602 mi.**
**3181 ft.** **Site 2 of 2 in cluster AX**

**Relative:** FUDS:
**Lower**

**Actual:**
**223 ft.**

| | |
|---|---|
| EPA Region: | 09 |
| Installation ID: | CA99799F564500 |
| Congressional District Number: | 38 |
| Facility Name: | USAR OUTDR TRAINNG AREA WH NAR |
| FUDS Number: | J09CA0658 |
| City: | WHITTIER |
| State: | CA |
| County: | LOS ANGELES |
| Object ID: | 7980 |
| USACE District: | Los Angeles District (SPL) |
| Status: | Properties without projects |
| Current Owner: | Other Federal Government |
| EMS Map Link: | https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=61208 |
| Eligibility: | Ineligible |
| Has Projects: | No |
| NPL Status: | Not Listed |
| Latitude: | 34.045833330000000 |
| Longitude: | -118.070833329999000 |

---

**AY380** **FORMER NIKE SITE LA-14, LAUNCHER AREA** **FUDS** **1024903864**
**SSE** **N/A**
**1/2-1** **WHITTIER NARROWS, CA**
**0.654 mi.**
**3455 ft.** **Site 1 of 2 in cluster AY**

**Relative:** FUDS:
**Lower**

**Actual:**
**235 ft.**

| | |
|---|---|
| EPA Region: | 09 |
| Installation ID: | CA99799F828900 |
| Congressional District Number: | 38 |
| Facility Name: | FORMER NIKE SITE LA-14, LAUNCHER AREA |
| FUDS Number: | J09CA7057 |
| City: | WHITTIER NARROWS |
| State: | CA |
| County: | LOS ANGELES |
| Object ID: | 2645 |
| USACE District: | Los Angeles District (SPL) |
| Status: | Properties without projects |
| Current Owner: | Other Federal Government |
| EMS Map Link: | https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=56584 |
| Eligibility: | Eligible |
| Has Projects: | No |
| NPL Status: | Not Listed |
| Latitude: | 34.043055559999900 |
| Longitude: | -118.058333329999000 |

**AY381** **NIKE SITE 14 - LA LAUNCHER AREA** **ENVIROSTOR** **S109548288**
**SSE** **N/A**
**1/2-1** **WHITTIER NARROWS, CA**
**0.655 mi.**
**3460 ft.** **Site 2 of 2 in cluster AY**

**Relative:**
**Lower**

**Actual:**
**235 ft.**

ENVIROSTOR:

| | |
|---|---|
| Name: | NIKE SITE 14 - LA LAUNCHER AREA |
| Address: | Not reported |
| City,State,Zip: | WHITTIER NARROWS, CA |
| Facility ID: | 80000745 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | 07/01/2005 |
| Site Code: | Not reported |
| Site Type: | Military Evaluation |
| Site Type Detailed: | FUDS |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Not reported |
| Supervisor: | Douglas Bautista |
| Division Branch: | Cleanup Cypress |
| Assembly: | 57 |
| Senate: | 22 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |
| Funding: | DERA |
| Latitude: | 34.04305 |
| Longitude: | -118.0583 |
| APN: | NONE SPECIFIED |
| Past Use: | NONE SPECIFIED |
| Potential COC: | NONE SPECIFIED |
| Confirmed COC: | NONE SPECIFIED |
| Potential Description: | NONE SPECIFIED |
| Alias Name: | FORMER NIKE SITE LA-14, LAUNCHER AREA |
| Alias Type: | Alternate Name |
| Alias Name: | CA99799F828900 |
| Alias Type: | Federal Facility ID |
| Alias Name: | J09CA7057 |
| Alias Type: | INPR |
| Alias Name: | 80000745 |
| Alias Type: | Envirostor ID Number |

Completed Info:

| | |
|---|---|
| Completed Area Name: | Not reported |
| Completed Sub Area Name: | Not reported |
| Completed Document Type: | Not reported |
| Completed Date: | Not reported |
| Comments: | Not reported |
| Future Area Name: | Not reported |
| Future Sub Area Name: | Not reported |
| Future Document Type: | Not reported |
| Future Due Date: | Not reported |
| Schedule Area Name: | Not reported |
| Schedule Sub Area Name: | Not reported |
| Schedule Document Type: | Not reported |
| Schedule Due Date: | Not reported |

**NIKE SITE 14 - LA LAUNCHER AREA (Continued)** **S109548288**

Schedule Revised Date: Not reported

---

**AZ382** **LA DEF AREA NIKE BTRY 96** **FUDS** **1024903563**
**SE** **N/A**
**1/2-1** **SANTA MONICA MOUNTAINS, CA**
**0.879 mi.**
**4642 ft.** **Site 1 of 2 in cluster AZ**

**Relative:** **Lower**
**Actual:** **231 ft.**

FUDS:

| | |
|---|---|
| EPA Region: | 09 |
| Installation ID: | CA99799F548200 |
| Congressional District Number: | 38 |
| Facility Name: | LA DEF AREA NIKE BTRY 96 |
| FUDS Number: | J09CA0422 |
| City: | SANTA MONICA MOUNTAINS |
| State: | CA |
| County: | LOS ANGELES |
| Object ID: | 4191 |
| USACE District: | Los Angeles District (SPL) |
| Status: | Properties without projects |
| Current Owner: | Local Government |
| EMS Map Link: | https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=61078 |
| Eligibility: | Eligible |
| Has Projects: | No |
| NPL Status: | Not Listed |
| Latitude: | 34.044444439999900 |
| Longitude: | -118.049999999999000 |

---

**AZ383** **LA DEF AREA NIKE BATTERY 96** **ENVIROSTOR** **S109548243**
**SE** **N/A**
**1/2-1** **LOS ANGELES, CA**
**0.879 mi.**
**4643 ft.** **Site 2 of 2 in cluster AZ**

**Relative:** **Lower**
**Actual:** **231 ft.**

ENVIROSTOR:

| | |
|---|---|
| Name: | LA DEF AREA NIKE BATTERY 96 |
| Address: | Not reported |
| City,State,Zip: | LOS ANGELES, CA |
| Facility ID: | 80000283 |
| Status: | Inactive - Needs Evaluation |
| Status Date: | 07/01/2005 |
| Site Code: | Not reported |
| Site Type: | Military Evaluation |
| Site Type Detailed: | FUDS |
| Acres: | Not reported |
| NPL: | NO |
| Regulatory Agencies: | SMBRP |
| Lead Agency: | SMBRP |
| Program Manager: | Not reported |
| Supervisor: | Douglas Bautista |
| Division Branch: | Cleanup Cypress |
| Assembly: | 57 |
| Senate: | 22 |
| Special Program: | Not reported |
| Restricted Use: | NO |
| Site Mgmt Req: | NONE SPECIFIED |

**LA DEF AREA NIKE BATTERY 96 (Continued)** **S109548243**

Funding: DERA
Latitude: 34.04444
Longitude: -118.05
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F548200
Alias Type: Federal Facility ID
Alias Name: J09CA0422
Alias Type: INPR
Alias Name: 80000283
Alias Type: Envirostor ID Number

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

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 1 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| SOUTH EL MONTE | S122853937 | TED LEVINE DRUM ALPACA / EL POCHE | 9648, 9660 EAST EL POCHE & 966 | 91733 | CPS-SLIC |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

**STANDARD ENVIRONMENTAL RECORDS**

***Federal NPL site list***

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

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

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

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

***Federal institutional controls / engineering controls registries***

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

***Federal ERNS list***

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/22/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

***State- and tribal - equivalent NPL***

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

***State- and tribal - equivalent CERCLIS***

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

***State and tribal leaking storage tank lists***

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

***State and tribal registered storage tank lists***

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/19/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 71
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/26/2020
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

***State and tribal voluntary cleanup sites***

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

***State and tribal Brownfields sites***

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/05/2020
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Semi-Annually

***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/15/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 69

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/01/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

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

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

***Local Lists of Registered Storage Tanks***

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/19/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 60

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

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

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

***Local Land Records***

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/03/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Semi-Annually

***Records of Emergency Release Reports***

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/24/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 68

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 1

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

***Other Ascertainable Records***

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/28/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/05/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 149

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/05/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/17/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/11/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/05/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/29/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/05/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/07/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/19/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/05/2020
Number of Days to Update: 73
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 65

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 12/04/2019
Date Data Arrived at EDR: 01/29/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 71

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/25/2020
Date Data Arrived at EDR: 03/26/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 69

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/16/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 8

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/19/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/12/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 72

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 72

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

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

Date of Government Version: 03/12/2020
Date Data Arrived at EDR: 03/13/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 69

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
The Hazardous Waste Tracking System (HWTS) is the Department of Toxic Substances Control?s data repository for hazardous waste Identification (ID) numbers and manifest information. HWTS generates reports on hazardous waste shipments for generators, transporters, and TSDFs.

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/08/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

**COUNTY RECORDS**

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/01/2020
Number of Days to Update: 13

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/27/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/04/2020
Date Made Active in Reports: 06/01/2020
Number of Days to Update: 89

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/18/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 66

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/27/2019
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/10/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 26

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/14/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 70

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 01/15/2020
Date Data Arrived at EDR: 01/16/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 76

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 69

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/26/2020
Date Data Arrived at EDR: 03/26/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 81

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/13/2020
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 44

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 69

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 11/06/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/05/2020
Date Data Arrived at EDR: 02/06/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 69

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/10/2020
Number of Days to Update: 66

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/05/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 03/10/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 03/10/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 02/12/2020
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 70

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 02/25/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 71

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 01/08/2020
Date Data Arrived at EDR: 01/09/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 57
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/22/2020
Date Data Arrived at EDR: 04/24/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 13
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51
Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/26/2020
Next Scheduled EDR Contact: 09/13/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/04/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 71
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/15/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 02/25/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 03/11/2020
Number of Days to Update: 14

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/04/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 01/23/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/08/2020
Number of Days to Update: 66

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 03/16/2020
Date Data Arrived at EDR: 03/17/2020
Date Made Active in Reports: 05/26/2020
Number of Days to Update: 70

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 71
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 77
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 71
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

**OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 01/30/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 39
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/04/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

**STREET AND ADDRESS INFORMATION**

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

# GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

**TARGET PROPERTY ADDRESS**

NORTH ROSEMEAD BLVD, RUST STREET
NORTH ROSEMEAD BLVD, RUST STREET
SOUTH EL MONTE, CA 91733

**TARGET PROPERTY COORDINATES**

| | |
|---|---|
| Latitude (North): | 34.053412 - 34° 3' 12.28'' |
| Longitude (West): | 118.062756 - 118° 3' 45.92'' |
| Universal Tranverse Mercator: | Zone 11 |
| UTM X (Meters): | 401913.9 |
| UTM Y (Meters): | 3768393.0 |
| Elevation: | 237 ft. above sea level |

**USGS TOPOGRAPHIC MAP**

| | |
|---|---|
| Target Property Map: | 5630799 EL MONTE, CA |
| Version Date: | 2012 |

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

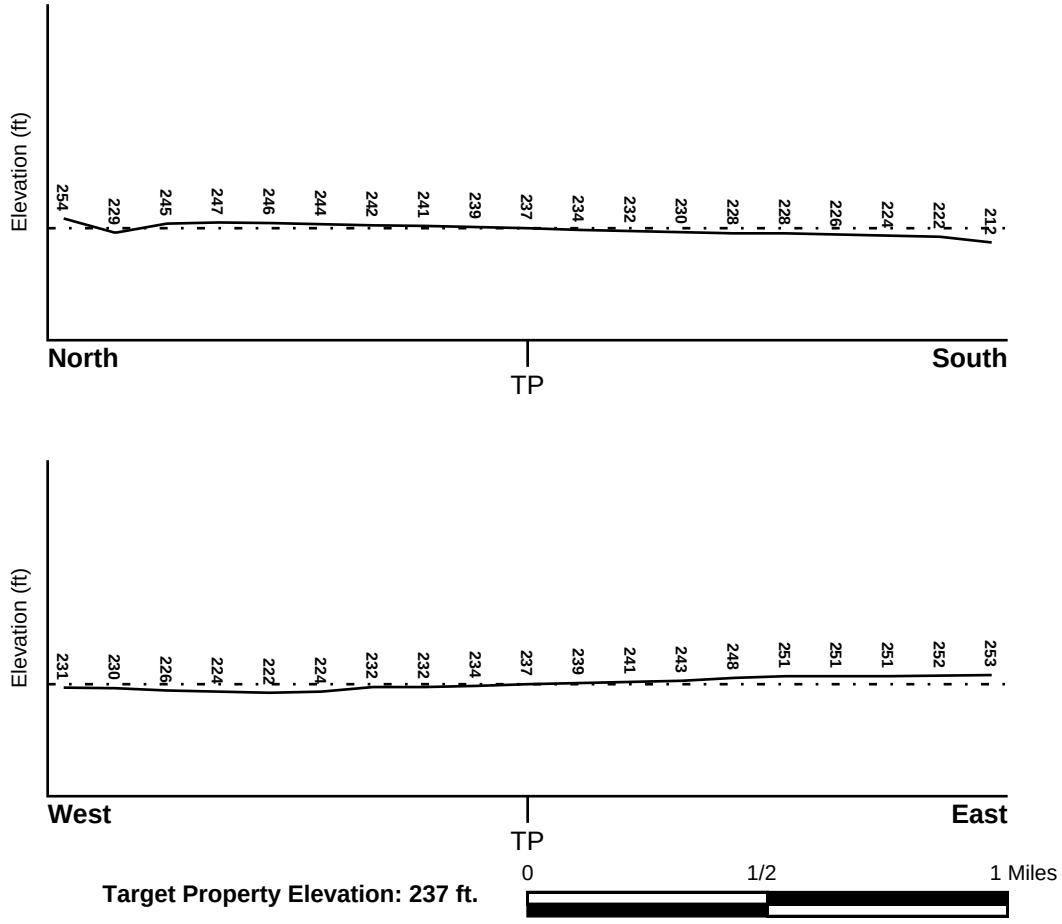
**TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

**TARGET PROPERTY TOPOGRAPHY**

General Topographic Gradient: General SW

**SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**




Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE**

| Flood Plain Panel at Target Property | FEMA Source Type |
|---|---|
| 06037C1665F | FEMA FIRM Flood data |

| Additional Panels in search area: | FEMA Source Type |
|---|---|
| 06037C1675F | FEMA FIRM Flood data |
| 06037C1670F | FEMA FIRM Flood data |

**NATIONAL WETLAND INVENTORY**

| NWI Quad at Target Property | NWI Electronic Data Coverage |
|---|---|
| EL MONTE | YES - refer to the Overview Map and Detail Map |

**HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

***Site-Specific Hydrogeological Data*:***

| | |
|---|---|
| Search Radius: | 1.25 miles |
| Status: | Not found |

**AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| MAP ID | LOCATION FROM TP | GENERAL DIRECTION GROUNDWATER FLOW |
|---|---|---|
| Not Reported | | |

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

**GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

**ROCK STRATIGRAPHIC UNIT**

| | |
|---|---|
| Era: | Cenozoic |
| System: | Quaternary |
| Series: | Quaternary |
| Code: | Q *(decoded above as Era, System & Series)* |

**GEOLOGIC AGE IDENTIFICATION**

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

**DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | | |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | Permeability Rate (in/hr) | Soil Reaction (pH) |
| 1 | 0 inches | 6 inches | variable | Not reported | Not reported | Max: 0.00<br>Min: 0.00 | Max: 0.00<br>Min: 0.00 |

**OTHER SOIL TYPES IN AREA**

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types:
stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

| DATABASE | SEARCH DISTANCE (miles) |
|---|---|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 1.000 miles |
| State Database | 1.000 |

### FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| B7 | USGS40000140340 | 1/2 - 1 Mile NW |
| B8 | USGS40000140339 | 1/2 - 1 Mile NW |
| B9 | USGS40000140341 | 1/2 - 1 Mile NW |
| B10 | USGS40000140359 | 1/2 - 1 Mile NNW |
| 13 | USGS40000140300 | 1/2 - 1 Mile WNW |
| 14 | USGS40000140246 | 1/2 - 1 Mile WNW |
| 15 | USGS40000140219 | 1/2 - 1 Mile West |
| 18 | USGS40000140459 | 1/2 - 1 Mile North |

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No PWS System Found | | |

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 1 | CADWR8000006510 | 1/4 - 1/2 Mile ESE |
| A2 | 1423 | 1/4 - 1/2 Mile SW |
| A3 | 1392 | 1/4 - 1/2 Mile SW |
| A4 | 1424 | 1/4 - 1/2 Mile SW |
| A5 | 1426 | 1/4 - 1/2 Mile SW |
| A6 | 1425 | 1/4 - 1/2 Mile SW |
| C11 | 1401 | 1/2 - 1 Mile ESE |
| C12 | 1422 | 1/2 - 1 Mile ESE |
| D16 | 1386 | 1/2 - 1 Mile NNW |
| D17 | 1395 | 1/2 - 1 Mile NNW |

## OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

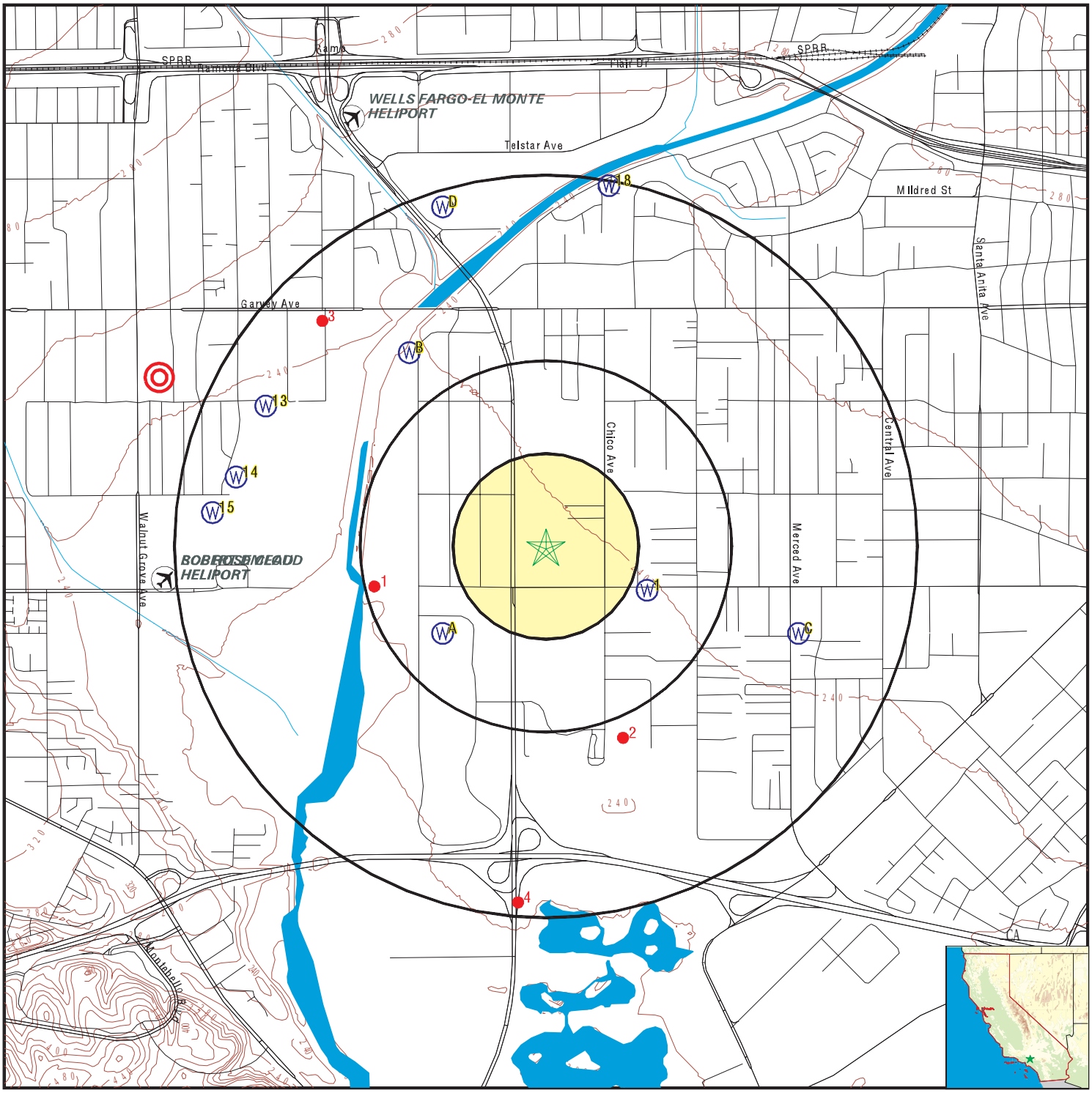
| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 1 | CAOG13000005895 | 1/4 - 1/2 Mile WSW |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**STATE OIL/GAS WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 2 | CAOG13000005466 | 1/2 - 1 Mile SSE |
| 3 | CAOG13000005478 | 1/2 - 1 Mile NW |
| 4 | CAOG13000005622 | 1/2 - 1 Mile South |

# PHYSICAL SETTING SOURCE MAP - 6097435.2s




- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

| | | | |
|---|---|---|---|
| SITE NAME: | North Rosemead Blvd, Rust Street | CLIENT: | Ramboll |
| ADDRESS: | North Rosemead Blvd, Rust Street<br>South El Monte CA 91733 | CONTACT: | Rita Vincent |
| | | INQUIRY #: | 6097435.2s |
| LAT/LONG: | 34.053412 / 118.062756 | DATE: | June 19, 2020 8:44 am |

Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**1**
**ESE**
**1/4 - 1/2 Mile**
**Higher**

**CA WELLS** **CADWR8000006510**

| | | | |
|---|---|---|---|
| State Well #: | Not Reported | Station ID: | 48920 |
| Well Name: | 2944F | Well Use: | Observation |
| Well Type: | Single Well | Well Depth: | 0 |
| Basin Name: | San Gabriel Valley | Well Completion Rpt #: | Not Reported |

---

**A2**
**SW**
**1/4 - 1/2 Mile**
**Lower**

**CA WELLS** **1423**

| | | | |
|---|---|---|---|
| Seq: | 1423 | Prim sta c: | 01S/11W-30B01 S |
| Frds no: | 1910039008 | County: | 19 |
| District: | 15 | User id: | MET |
| System no: | 1910039 | Water type: | G |
| Source nam: | WELL 08A LACFCD 2933A - INACTIVE | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 340300.0 | Longitude: | 1180400.0 |
| Precision: | 8 | Status: | IR |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |

| | | | |
|---|---|---|---|
| System no: | 1910039 | System nam: | San Gabriel Valley Water Co.-El Monte |
| Hqname: | SAN GABRIEL VALLEY WATER CO | Address: | P O BOX 6010 |
| City: | EL MONTE | State: | CA |
| Zip: | 91734 | Zip ext: | Not Reported |
| Pop serv: | 151064 | Connection: | 43161 |
| Area serve: | EL MONTE/SAN GABRIEL BASIN | | |

---

**A3**
**SW**
**1/4 - 1/2 Mile**
**Lower**

**CA WELLS** **1392**

| | | | |
|---|---|---|---|
| Seq: | 1392 | Prim sta c: | 01S/11W-19Q01 S |
| Frds no: | 1910039035 | County: | 19 |
| District: | 15 | User id: | MET |
| System no: | 1910039 | Water type: | G |
| Source nam: | WELL G2A LACFCD 2923G - DESTROYED | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 340300.0 | Longitude: | 1180400.0 |
| Precision: | 8 | Status: | DS |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |

| | | | |
|---|---|---|---|
| System no: | 1910039 | System nam: | San Gabriel Valley Water Co.-El Monte |
| Hqname: | SAN GABRIEL VALLEY WATER CO | Address: | P O BOX 6010 |
| City: | EL MONTE | State: | CA |
| Zip: | 91734 | Zip ext: | Not Reported |
| Pop serv: | 151064 | Connection: | 43161 |
| Area serve: | EL MONTE/SAN GABRIEL BASIN | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**A4**
**SW**
**1/4 - 1/2 Mile**
**Lower**

**CA WELLS** **1424**

| | | | |
|---|---|---|---|
| Seq: | 1424 | Prim sta c: | 01S/11W-30B02 S |
| Frds no: | 1910039009 | County: | 19 |
| District: | 15 | User id: | MET |
| System no: | 1910039 | Water type: | G |
| Source nam: | WELL 08B LACFCD 2933E | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 340300.0 | Longitude: | 1180400.0 |
| Precision: | 8 | Status: | AR |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |

| | | | |
|---|---|---|---|
| System no: | 1910039 | System nam: | San Gabriel Valley Water Co.-El Monte |
| Hqname: | SAN GABRIEL VALLEY WATER CO | Address: | P O BOX 6010 |
| City: | EL MONTE | State: | CA |
| Zip: | 91734 | Zip ext: | Not Reported |
| Pop serv: | 151064 | Connection: | 43161 |
| Area serve: | EL MONTE/SAN GABRIEL BASIN | | |

| | | | |
|---|---|---|---|
| Sample date: | 07-FEB-18 | Finding: | 0.8 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 07-FEB-18 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 07-FEB-18 | Finding: | 55. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 03-JAN-18 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 03-JAN-18 | Finding: | 4.2 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |

| | | | |
|---|---|---|---|
| Sample date: | 03-JAN-18 | Finding: | 0.77 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 06-DEC-17 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 06-DEC-17 | Finding: | 0.81 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 07-NOV-17 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 07-NOV-17 | Finding: | 0.79 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-NOV-17 | Finding: | 0.93 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-NOV-17 | Finding: | 97. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-OCT-17 | Finding: | 4. |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 18-OCT-17 | Finding: | 180. |
| Chemical: | IRON | Report units: | UG/L |
| Dlr: | 100. | | |
| Sample date: | 04-OCT-17 | Finding: | 100. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-OCT-17 | Finding: | 0.93 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 14-SEP-17 | Finding: | 82. |
| Chemical: | CALCIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 26. |
| Chemical: | MAGNESIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 22. |
| Chemical: | SODIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 1.4 |
| Chemical: | POTASSIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 29. |
| Chemical: | CHLORIDE | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 98. |
| Chemical: | SULFATE | Report units: | MG/L |
| Dlr: | 0.5 | | |
| Sample date: | 14-SEP-17 | Finding: | 0.64 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 14-SEP-17 | Finding: | 390. |
| Chemical: | IRON | Report units: | UG/L |
| Dlr: | 100. | | |
| Sample date: | 14-SEP-17 | Finding: | 460. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 0.973 |
| Chemical: | LANGELIER INDEX @ 60 C | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 0.407 |
| Chemical: | LANGELIER INDEX AT SOURCE TEMP. | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 310. |
| Chemical: | HARDNESS (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 3.9 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 14-SEP-17 | Finding: | 260. |
| Chemical: | BICARBONATE ALKALINITY | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 220. |
| Chemical: | ALKALINITY (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 16.7 |
| Chemical: | SOURCE TEMPERATURE C | Report units: | C |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 720. |
| Chemical: | SPECIFIC CONDUCTANCE | Report units: | US |
| Dlr: | 0. | | |
| Sample date: | 14-SEP-17 | Finding: | 7.66 |
| Chemical: | PH, LABORATORY | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 06-SEP-17 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-SEP-17 | Finding: | 0.88 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-AUG-17 | Finding: | 5. |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 23-AUG-17 | Finding: | 0.9 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-AUG-17 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-AUG-17 | Finding: | 0.9 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 17-AUG-17 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-AUG-17 | Finding: | 4. |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 02-AUG-17 | Finding: | 4.2 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 02-AUG-17 | Finding: | 0.84 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-AUG-17 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUL-17 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUL-17 | Finding: | 0.76 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JUN-17 | Finding: | 0.65 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JUN-17 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-17 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-17 | Finding: | 0.86 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-MAY-17 | Finding: | 0.72 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-MAY-17 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-MAY-17 | Finding: | 4.4 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 05-APR-17 | Finding: | 0.64 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-APR-17 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 01-MAR-17 | Finding: | 0.52 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-MAR-17 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 09-FEB-17 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 09-FEB-17 | Finding: | 0.54 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-FEB-17 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-JAN-17 | Finding: | 4.1 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 04-JAN-17 | Finding: | 0.54 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JAN-17 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-DEC-16 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-DEC-16 | Finding: | 0.7 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-NOV-16 | Finding: | 0.62 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-NOV-16 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-NOV-16 | Finding: | 0.67 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-NOV-16 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 12-OCT-16 | Finding: | 4.2 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |

| | | | |
|---|---|---|---|
| Sample date: | 05-OCT-16 | Finding: | 0.81 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-OCT-16 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 05-OCT-16 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-SEP-16 | Finding: | 92. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-AUG-16 | Finding: | 0.67 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-AUG-16 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-AUG-16 | Finding: | 5.5 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 18-AUG-16 | Finding: | 410. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 18-AUG-16 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-AUG-16 | Finding: | 4.5 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 18-AUG-16 | Finding: | 0.74 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-AUG-16 | Finding: | 0.62 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-AUG-16 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-JUL-16 | Finding: | 4.6 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 06-JUL-16 | Finding: | 0.67 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-JUL-16 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 06-JUN-16 | Finding: | 190. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-JUN-16 | Finding: | 0.58 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-JUN-16 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-16 | Finding: | 0.62 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-MAY-16 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 28-APR-16 | Finding: | 4.7 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 06-APR-16 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-MAR-16 | Finding: | 0.61 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-MAR-16 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-16 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-FEB-16 | Finding: | 0.63 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-FEB-16 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-JAN-16 | Finding: | 4.3 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 06-JAN-16 | Finding: | 0.58 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-JAN-16 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 02-DEC-15 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-DEC-15 | Finding: | 0.56 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-15 | Finding: | 1.2 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-15 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-NOV-15 | Finding: | 0.67 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-NOV-15 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 28-OCT-15 | Finding: | 4.3 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 07-OCT-15 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-OCT-15 | Finding: | 0.87 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-SEP-15 | Finding: | 0.92 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-SEP-15 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-AUG-15 | Finding: | 5.4 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-15 | Finding: | 0.99 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-AUG-15 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-AUG-15 | Finding: | 0.98 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-AUG-15 | Finding: | 430. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0. | | |
| Sample date: | 11-AUG-15 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-AUG-15 | Finding: | 2.4 |
| Chemical: | CHROMIUM, HEXAVALENT | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 11-AUG-15 | Finding: | 0.64 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 05-AUG-15 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-AUG-15 | Finding: | 0.89 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-AUG-15 | Finding: | 3.7 |
| Chemical: | 1,1,2-TRICHLOROETHANE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-JUL-15 | Finding: | 1.1 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-JUL-15 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JUN-15 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JUN-15 | Finding: | 1.1 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-15 | Finding: | 0.586 |
| Chemical: | RADIUM 228 COUNTING ERROR | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-MAY-15 | Finding: | 0.253 |
| Chemical: | RADIUM 228 MDA95 | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-MAY-15 | Finding: | 0.143 |
| Chemical: | RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0 | | |
| Report units: | PCI/L | Dlr: | 0. |
| Sample date: | 11-MAY-15 | Finding: | 0.145 |
| Chemical: | RA-226 OR TOTAL RA BY 903.0 C.E. | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-MAY-15 | Finding: | 0.363 |
| Chemical: | RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0 | | |
| Report units: | PCI/L | Dlr: | 0. |

| | | | |
|---|---|---|---|
| Sample date: | 11-MAY-15 | Finding: | 9.17 |
| Chemical: | GROSS ALPHA | Report units: | PCI/L |
| Dlr: | 3. | | |
| Sample date: | 11-MAY-15 | Finding: | 0.447 |
| Chemical: | GROSS ALPHA COUNTING ERROR | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-MAY-15 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-15 | Finding: | 0.85 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-15 | Finding: | 1.e-002 |
| Chemical: | GROSS ALPHA MDA95 | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 06-MAY-15 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-15 | Finding: | 0.9 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-APR-15 | Finding: | 0.78 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-APR-15 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-MAR-15 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-MAR-15 | Finding: | 0.77 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-15 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-15 | Finding: | 0.57 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-FEB-15 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JAN-15 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-DEC-14 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-14 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-NOV-14 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-NOV-14 | Finding: | 0.59 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 22-OCT-14 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 01-OCT-14 | Finding: | 220. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-OCT-14 | Finding: | 0.53 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-SEP-14 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-SEP-14 | Finding: | 0.65 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-SEP-14 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-SEP-14 | Finding: | 0.69 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-AUG-14 | Finding: | 0.7 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-AUG-14 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-AUG-14 | Finding: | 5.5 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 12.1 |
| Chemical: | AGGRSSIVE INDEX (CORROSIVITY) | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 0.2 |
| Chemical: | TURBIDITY, LABORATORY | Report units: | NTU |
| Dlr: | 0.1 | | |

| | | | |
|---|---|---|---|
| Sample date: | 27-AUG-14 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 27-AUG-14 | Finding: | 0.243 |
| Chemical: | LANGELIER INDEX AT SOURCE TEMP. | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 0.802 |
| Chemical: | LANGELIER INDEX @ 60 C | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 400. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 0.68 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 27-AUG-14 | Finding: | 90. |
| Chemical: | SULFATE | Report units: | MG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-AUG-14 | Finding: | 27. |
| Chemical: | CHLORIDE | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 1.2 |
| Chemical: | POTASSIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 21. |
| Chemical: | SODIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 24. |
| Chemical: | MAGNESIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 79. |
| Chemical: | CALCIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 300. |
| Chemical: | HARDNESS (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 250. |
| Chemical: | BICARBONATE ALKALINITY | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 210. |
| Chemical: | ALKALINITY (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 7.51 |
| Chemical: | PH, LABORATORY | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 27-AUG-14 | Finding: | 650. |
| Chemical: | SPECIFIC CONDUCTANCE | Report units: | US |

| | | | |
|---|---|---|---|
| Dlr: | 0. | | |
| Sample date: | 13-AUG-14 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 06-AUG-14 | Finding: | 0.93 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-AUG-14 | Finding: | 190. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-JUL-14 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 02-JUL-14 | Finding: | 0.69 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-JUL-14 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JUN-14 | Finding: | 0.66 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JUN-14 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-MAY-14 | Finding: | 0.57 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-MAY-14 | Finding: | 180. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-14 | Finding: | 0.59 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-14 | Finding: | 180. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 28-APR-14 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 03-APR-14 | Finding: | 0.52 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-APR-14 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 05-MAR-14 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-14 | Finding: | 0.55 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-14 | Finding: | 190. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-FEB-14 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-JAN-14 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 07-JAN-14 | Finding: | 0.61 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JAN-14 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-DEC-13 | Finding: | 180. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-DEC-13 | Finding: | 0.58 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 0.57 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 0.51 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-OCT-13 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 02-OCT-13 | Finding: | 0.62 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-OCT-13 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 25-SEP-13 | Finding: | 2. |
| Chemical: | CHROMIUM, HEXAVALENT | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-SEP-13 | Finding: | 0.71 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-SEP-13 | Finding: | 180. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 21-AUG-13 | Finding: | 410. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 21-AUG-13 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 21-AUG-13 | Finding: | 0.65 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 21-AUG-13 | Finding: | 190. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-AUG-13 | Finding: | 0.7 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-AUG-13 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-13 | Finding: | 0.73 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-13 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-13 | Finding: | 4.8 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 24-JUL-13 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 05-JUL-13 | Finding: | 0.61 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUL-13 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 05-JUN-13 | Finding: | 180. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUN-13 | Finding: | 0.56 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-MAY-13 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 17-MAY-13 | Finding: | 6.e-003 |
| Chemical: | 1,2,3-TRICHLOROPROPANE | Report units: | UG/L |
| Dlr: | 5.e-003 | | |
| Sample date: | 17-MAY-13 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-MAY-13 | Finding: | 0.53 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-MAY-13 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-MAY-13 | Finding: | 0.53 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-APR-13 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-APR-13 | Finding: | 0.57 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-MAR-13 | Finding: | 0.54 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-MAR-13 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 26-FEB-13 | Finding: | 190. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-FEB-13 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-JAN-13 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 02-JAN-13 | Finding: | 180. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 02-JAN-13 | Finding: | 0.7 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 19-DEC-12 | Finding: | 0.57 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 19-DEC-12 | Finding: | 5.3 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 19-DEC-12 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-DEC-12 | Finding: | 0.54 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-DEC-12 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 15-NOV-12 | Finding: | 220. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 15-NOV-12 | Finding: | 0.82 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-NOV-12 | Finding: | 180. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-NOV-12 | Finding: | 0.75 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 24-OCT-12 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 02-OCT-12 | Finding: | 0.72 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-OCT-12 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-SEP-12 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-SEP-12 | Finding: | 0.72 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 08-AUG-12 | Finding: | 0.82 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 08-AUG-12 | Finding: | 0.79 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 08-AUG-12 | Finding: | 480. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 08-AUG-12 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 08-AUG-12 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-12 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-12 | Finding: | 0.74 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JUL-12 | Finding: | 0.64 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JUL-12 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUN-12 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-MAY-12 | Finding: | 7.62 |
| Chemical: | GROSS ALPHA | Report units: | PCI/L |
| Dlr: | 3. | | |
| Sample date: | 10-MAY-12 | Finding: | 7. |
| Chemical: | URANIUM (PCI/L) | Report units: | PCI/L |
| Dlr: | 1. | | |
| Sample date: | 10-MAY-12 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-MAY-12 | Finding: | 1.6e-002 |
| Chemical: | GROSS ALPHA MDA95 | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 10-MAY-12 | Finding: | 0.459 |
| Chemical: | GROSS ALPHA COUNTING ERROR | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 03-MAY-12 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |

| | | | |
|---|---|---|---|
| Dlr: | 2. | | |
| Sample date: | 02-MAY-12 | Finding: | 0.51 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-MAY-12 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-APR-12 | Finding: | 190. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-MAR-12 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-FEB-12 | Finding: | 0.62 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-FEB-12 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-FEB-12 | Finding: | 0.55 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-FEB-12 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JAN-12 | Finding: | 0.59 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JAN-12 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

---

**A5**
**SW**
**1/4 - 1/2 Mile**
**Lower**

**CA WELLS 1426**

| | | | |
|---|---|---|---|
| Seq: | 1426 | Prim sta c: | 01S/11W-30B04 S |
| Frds no: | 1910039011 | County: | 19 |
| District: | 15 | User id: | MET |
| System no: | 1910039 | Water type: | G |
| Source nam: | WELL 08D | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 340300.0 | Longitude: | 1180400.0 |
| Precision: | 8 | Status: | AR |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |
| System no: | 1910039 | System nam: | San Gabriel Valley Water Co.-El Monte |
| Hqname: | SAN GABRIEL VALLEY WATER CO | Address: | P O BOX 6010 |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|---|---|---|---|
| City: | EL MONTE | State: | CA |
| Zip: | 91734 | Zip ext: | Not Reported |
| Pop serv: | 151064 | Connection: | 43161 |
| Area serve: | EL MONTE/SAN GABRIEL BASIN | | |
| Sample date: | 28-FEB-18 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 14-FEB-18 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 07-FEB-18 | Finding: | 0.65 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-FEB-18 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-FEB-18 | Finding: | 3.8 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 07-FEB-18 | Finding: | 0.63 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-FEB-18 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-JAN-18 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 24-JAN-18 | Finding: | 1.5 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 17-JAN-18 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 10-JAN-18 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-JAN-18 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 03-JAN-18 | Finding: | 0.83 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JAN-18 | Finding: | 180. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JAN-18 | Finding: | 4.9 |

| | | | |
|---|---|---|---|
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 28-DEC-17 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 20-DEC-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 13-DEC-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 06-DEC-17 | Finding: | 0.81 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-DEC-17 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-DEC-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 29-NOV-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 22-NOV-17 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 08-NOV-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 07-NOV-17 | Finding: | 0.64 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-NOV-17 | Finding: | 4.1 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 07-NOV-17 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-NOV-17 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-NOV-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 01-NOV-17 | Finding: | 0.87 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 25-OCT-17 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 18-OCT-17 | Finding: | 4.2 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 04-OCT-17 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-OCT-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-OCT-17 | Finding: | 0.8 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 20-SEP-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 13-SEP-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 06-SEP-17 | Finding: | 0.7 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-SEP-17 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-SEP-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 30-AUG-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 23-AUG-17 | Finding: | 170. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-AUG-17 | Finding: | 0.83 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-AUG-17 | Finding: | 4.3 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 23-AUG-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 23-AUG-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 1. | | |
| Sample date: | 17-AUG-17 | Finding: | 460. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 17-AUG-17 | Finding: | 160. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-AUG-17 | Finding: | 4.6 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 17-AUG-17 | Finding: | 0.88 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 09-AUG-17 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 02-AUG-17 | Finding: | 0.74 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-AUG-17 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-AUG-17 | Finding: | 4.4 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 02-AUG-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 26-JUL-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 12-JUL-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 05-JUL-17 | Finding: | 0.69 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUL-17 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUL-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 21-JUN-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |

| | | | |
|---|---|---|---|
| Sample date: | 14-JUN-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 07-JUN-17 | Finding: | 0.58 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JUN-17 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JUN-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 31-MAY-17 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 24-MAY-17 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 17-MAY-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 11-MAY-17 | Finding: | 0.7 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 11-MAY-17 | Finding: | 1. |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-17 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-17 | Finding: | 2.9 |
| Chemical: | CHROMIUM, HEXAVALENT | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 11-MAY-17 | Finding: | 4.5 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 10-MAY-17 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 03-MAY-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 03-MAY-17 | Finding: | 0.82 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-MAY-17 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 03-MAY-17 | Finding: | 4.4 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 26-APR-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 19-APR-17 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 12-APR-17 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 05-APR-17 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 05-APR-17 | Finding: | 0.88 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-APR-17 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-MAR-17 | Finding: | 1.5 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 22-MAR-17 | Finding: | 1.5 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 15-MAR-17 | Finding: | 1.7 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 08-MAR-17 | Finding: | 1.6 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 27-FEB-17 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 22-FEB-17 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 15-FEB-17 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 09-FEB-17 | Finding: | 4.7 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |

| | | | |
|---|---|---|---|
| Sample date: | 09-FEB-17 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 09-FEB-17 | Finding: | 0.68 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 08-FEB-17 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 01-FEB-17 | Finding: | 0.62 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-FEB-17 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-FEB-17 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 18-JAN-17 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 18-JAN-17 | Finding: | 4.6 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 11-JAN-17 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-JAN-17 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-JAN-17 | Finding: | 0.67 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JAN-17 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 28-DEC-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 21-DEC-16 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 14-DEC-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 07-DEC-16 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 1. | | |
| Sample date: | 07-DEC-16 | Finding: | 0.83 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-DEC-16 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 22-NOV-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 16-NOV-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 10-NOV-16 | Finding: | 87. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-NOV-16 | Finding: | 4.2 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 10-NOV-16 | Finding: | 0.71 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 09-NOV-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 02-NOV-16 | Finding: | 0.67 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-NOV-16 | Finding: | 96. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 19-OCT-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 12-OCT-16 | Finding: | 4.2 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 05-OCT-16 | Finding: | 96. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-OCT-16 | Finding: | 0.73 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-OCT-16 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |

| | | | |
|---|---|---|---|
| Sample date: | 28-SEP-16 | Finding: | 1.6 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 14-SEP-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 07-SEP-16 | Finding: | 0.51 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-SEP-16 | Finding: | 60. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-AUG-16 | Finding: | 4.7 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 31-AUG-16 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-AUG-16 | Finding: | 0.72 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-AUG-16 | Finding: | 0.8 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-AUG-16 | Finding: | 98. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-AUG-16 | Finding: | 4.3 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 10-AUG-16 | Finding: | 0.897 |
| Chemical: | LANGELIER INDEX @ 60 C | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 0.355 |
| Chemical: | LANGELIER INDEX AT SOURCE TEMP. | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 12.2 |
| Chemical: | AGGRSSIVE INDEX (CORROSIVITY) | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 18.3 |
| Chemical: | SOURCE TEMPERATURE C | Report units: | C |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 660. |
| Chemical: | SPECIFIC CONDUCTANCE | Report units: | US |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 7.58 |
| Chemical: | PH, LABORATORY | Report units: | Not Reported |

| | | | |
|---|---|---|---|
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 230. |
| Chemical: | ALKALINITY (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 280. |
| Chemical: | BICARBONATE ALKALINITY | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 4.1 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 10-AUG-16 | Finding: | 290. |
| Chemical: | HARDNESS (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 77. |
| Chemical: | CALCIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 24. |
| Chemical: | MAGNESIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 24. |
| Chemical: | SODIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 1.5 |
| Chemical: | POTASSIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 25. |
| Chemical: | CHLORIDE | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 79. |
| Chemical: | SULFATE | Report units: | MG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-AUG-16 | Finding: | 0.56 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 10-AUG-16 | Finding: | 410. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 03-AUG-16 | Finding: | 91. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-AUG-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 03-AUG-16 | Finding: | 0.65 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 27-JUL-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 20-JUL-16 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 06-JUL-16 | Finding: | 4.5 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 06-JUL-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 06-JUL-16 | Finding: | 0.76 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-JUL-16 | Finding: | 100. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 22-JUN-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 08-JUN-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 01-JUN-16 | Finding: | 0.59 |
| Chemical: | CHLOROMETHANE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-JUN-16 | Finding: | 0.72 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-JUN-16 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 01-JUN-16 | Finding: | 84. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 25-MAY-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 18-MAY-16 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 11-MAY-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 06-MAY-16 | Finding: | 0.69 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-16 | Finding: | 90. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-16 | Finding: | 5. |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 04-MAY-16 | Finding: | 84. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-MAY-16 | Finding: | 0.66 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-MAY-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 28-APR-16 | Finding: | 5.2 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 27-APR-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 20-APR-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 13-APR-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 06-APR-16 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-APR-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 06-APR-16 | Finding: | 0.64 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 30-MAR-16 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 23-MAR-16 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 16-MAR-16 | Finding: | 1.6 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |

| | | | |
|---|---|---|---|
| Sample date: | 09-MAR-16 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 02-MAR-16 | Finding: | 0.85 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-MAR-16 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-MAR-16 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 24-FEB-16 | Finding: | 1.5 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 17-FEB-16 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 11-FEB-16 | Finding: | 4.5 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 11-FEB-16 | Finding: | 0.55 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-16 | Finding: | 72. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-FEB-16 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 03-FEB-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 03-FEB-16 | Finding: | 0.79 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-FEB-16 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-JAN-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 27-JAN-16 | Finding: | 5. |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 20-JAN-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 1. | | |
| Sample date: | 13-JAN-16 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 06-JAN-16 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 06-JAN-16 | Finding: | 0.85 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-JAN-16 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 22-DEC-15 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 16-DEC-15 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 09-DEC-15 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 02-DEC-15 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 02-DEC-15 | Finding: | 0.92 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-DEC-15 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-15 | Finding: | 93. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-15 | Finding: | 1. |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-15 | Finding: | 5.6 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 10-NOV-15 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-NOV-15 | Finding: | 0.87 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 04-NOV-15 | Finding: | 93. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 28-OCT-15 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 28-OCT-15 | Finding: | 4.4 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 07-OCT-15 | Finding: | 100. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-OCT-15 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 07-OCT-15 | Finding: | 0.89 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-SEP-15 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 16-SEP-15 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 02-SEP-15 | Finding: | 0.81 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-SEP-15 | Finding: | 94. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-AUG-15 | Finding: | 98. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-AUG-15 | Finding: | 0.82 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-AUG-15 | Finding: | 4.5 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 26-AUG-15 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 11-AUG-15 | Finding: | 83. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-AUG-15 | Finding: | 400. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0. | | |
| Sample date: | 11-AUG-15 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 11-AUG-15 | Finding: | 0.76 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-AUG-15 | Finding: | 96. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-AUG-15 | Finding: | 0.82 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 16-JUL-15 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 02-JUL-15 | Finding: | 0.75 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-JUL-15 | Finding: | 80. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JUN-15 | Finding: | 83. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JUN-15 | Finding: | 0.96 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-15 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 11-MAY-15 | Finding: | 1.e-002 |
| Chemical: | GROSS ALPHA MDA95 | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-MAY-15 | Finding: | 74. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-15 | Finding: | 0.391 |
| Chemical: | GROSS ALPHA COUNTING ERROR | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-MAY-15 | Finding: | 7.6 |
| Chemical: | GROSS ALPHA | Report units: | PCI/L |
| Dlr: | 3. | | |
| Sample date: | 11-MAY-15 | Finding: | 0.363 |
| Chemical: | RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0 | | |
| Report units: | PCI/L | Dlr: | 0. |

| | | | |
|---|---|---|---|
| Sample date: | 11-MAY-15 | Finding: | 0.127 |
| Chemical: | RA-226 OR TOTAL RA BY 903.0 C.E. | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-MAY-15 | Finding: | 8.2e-002 |
| Chemical: | RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0 | | |
| Report units: | PCI/L | Dlr: | 0. |
| Sample date: | 11-MAY-15 | Finding: | 0.2 |
| Chemical: | RADIUM 228 MDA95 | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-MAY-15 | Finding: | 0.704 |
| Chemical: | RADIUM 228 COUNTING ERROR | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-MAY-15 | Finding: | 0.73 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-15 | Finding: | 98. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-15 | Finding: | 0.83 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-APR-15 | Finding: | 0.8 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-APR-15 | Finding: | 80. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-MAR-15 | Finding: | 0.84 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-MAR-15 | Finding: | 84. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-FEB-15 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 11-FEB-15 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 11-FEB-15 | Finding: | 1. |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-15 | Finding: | 74. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-15 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 1. | | |
| Sample date: | 04-FEB-15 | Finding: | 0.95 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-FEB-15 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-JAN-15 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 29-JAN-15 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 21-JAN-15 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 14-JAN-15 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 07-JAN-15 | Finding: | 0.9 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JAN-15 | Finding: | 91. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JAN-15 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 31-DEC-14 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 26-DEC-14 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 17-DEC-14 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 10-DEC-14 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 01-DEC-14 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 01-DEC-14 | Finding: | 0.86 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 01-DEC-14 | Finding: | 87. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 25-NOV-14 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 19-NOV-14 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 13-NOV-14 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 13-NOV-14 | Finding: | 66. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-14 | Finding: | 0.78 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 12-NOV-14 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-NOV-14 | Finding: | 1.4 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-NOV-14 | Finding: | 0.85 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-NOV-14 | Finding: | 77. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-OCT-14 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 22-OCT-14 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 22-OCT-14 | Finding: | 23. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 22-OCT-14 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 15-OCT-14 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 08-OCT-14 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 1. | | |
| Sample date: | 01-OCT-14 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 01-OCT-14 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-OCT-14 | Finding: | 0.75 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-SEP-14 | Finding: | 0.83 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-SEP-14 | Finding: | 77. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-SEP-14 | Finding: | 0.96 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-SEP-14 | Finding: | 78. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-AUG-14 | Finding: | 0.7 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-AUG-14 | Finding: | 69. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-AUG-14 | Finding: | 4.7 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 13-AUG-14 | Finding: | 400. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 06-AUG-14 | Finding: | 0.87 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-AUG-14 | Finding: | 84. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-JUL-14 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 02-JUL-14 | Finding: | 0.73 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 02-JUL-14 | Finding: | 73. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JUN-14 | Finding: | 0.7 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JUN-14 | Finding: | 72. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-MAY-14 | Finding: | 0.64 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-MAY-14 | Finding: | 90. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-14 | Finding: | 0.62 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-14 | Finding: | 85. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-14 | Finding: | 0.59 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 06-MAY-14 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 28-APR-14 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 03-APR-14 | Finding: | 86. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-APR-14 | Finding: | 0.73 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-MAR-14 | Finding: | 0.67 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-MAR-14 | Finding: | 85. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-14 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 11-FEB-14 | Finding: | 0.87 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-14 | Finding: | 100. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-FEB-14 | Finding: | 0.83 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-FEB-14 | Finding: | 80. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-JAN-14 | Finding: | 23. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 07-JAN-14 | Finding: | 0.76 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JAN-14 | Finding: | 92. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-DEC-13 | Finding: | 94. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-DEC-13 | Finding: | 0.8 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 06-NOV-13 | Finding: | 0.6 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 66. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 0.82 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 86. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-OCT-13 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 02-OCT-13 | Finding: | 75. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 02-OCT-13 | Finding: | 0.71 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 25-SEP-13 | Finding: | 2.3 |
| Chemical: | CHROMIUM, HEXAVALENT | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-SEP-13 | Finding: | 0.72 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-SEP-13 | Finding: | 80. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 21-AUG-13 | Finding: | 0.66 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 21-AUG-13 | Finding: | 80. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 14-AUG-13 | Finding: | 630. |
| Chemical: | SPECIFIC CONDUCTANCE | Report units: | US |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 12.4 |
| Chemical: | AGGRSSIVE INDEX (CORROSIVITY) | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 14-AUG-13 | Finding: | 0.582 |
| Chemical: | LANGELIER INDEX AT SOURCE TEMP. | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 1.11 |
| Chemical: | LANGELIER INDEX @ 60 C | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 400. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 0.7 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 14-AUG-13 | Finding: | 77. |
| Chemical: | SULFATE | Report units: | MG/L |
| Dlr: | 0.5 | | |
| Sample date: | 14-AUG-13 | Finding: | 24. |
| Chemical: | CHLORIDE | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 1.5 |
| Chemical: | POTASSIUM | Report units: | MG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 23. |
| Chemical: | SODIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 23. |
| Chemical: | MAGNESIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 75. |
| Chemical: | CALCIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 280. |
| Chemical: | HARDNESS (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 260. |
| Chemical: | BICARBONATE ALKALINITY | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 210. |
| Chemical: | ALKALINITY (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 7.84 |
| Chemical: | PH, LABORATORY | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 19.4 |
| Chemical: | SOURCE TEMPERATURE C | Report units: | C |
| Dlr: | 0. | | |
| Sample date: | 06-AUG-13 | Finding: | 0.68 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-AUG-13 | Finding: | 68. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-13 | Finding: | 0.8 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-13 | Finding: | 93. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-13 | Finding: | 5. |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 24-JUL-13 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 05-JUL-13 | Finding: | 66. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 05-JUL-13 | Finding: | 0.62 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUN-13 | Finding: | 79. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUN-13 | Finding: | 0.69 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-MAY-13 | Finding: | 20. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 17-MAY-13 | Finding: | 74. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-MAY-13 | Finding: | 0.61 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-MAY-13 | Finding: | 93. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-MAY-13 | Finding: | 0.79 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-APR-13 | Finding: | 0.75 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-APR-13 | Finding: | 88. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-MAR-13 | Finding: | 0.62 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-MAR-13 | Finding: | 100. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 26-FEB-13 | Finding: | 94. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 26-FEB-13 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 26-FEB-13 | Finding: | 0.77 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-FEB-13 | Finding: | 0.71 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 06-FEB-13 | Finding: | 80. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-JAN-13 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 17-JAN-13 | Finding: | 1.2 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 02-JAN-13 | Finding: | 94. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-JAN-13 | Finding: | 0.81 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 19-DEC-12 | Finding: | 4.4 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 19-DEC-12 | Finding: | 89. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 19-DEC-12 | Finding: | 0.65 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 19-DEC-12 | Finding: | 1.1 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 05-DEC-12 | Finding: | 73. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-DEC-12 | Finding: | 0.6 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 15-NOV-12 | Finding: | 0.78 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 15-NOV-12 | Finding: | 23. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 15-NOV-12 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-NOV-12 | Finding: | 88. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 07-NOV-12 | Finding: | 0.64 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 24-OCT-12 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 02-OCT-12 | Finding: | 0.55 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-OCT-12 | Finding: | 64. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-SEP-12 | Finding: | 67. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-SEP-12 | Finding: | 0.53 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 08-AUG-12 | Finding: | 450. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 08-AUG-12 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 08-AUG-12 | Finding: | 0.51 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 08-AUG-12 | Finding: | 64. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-12 | Finding: | 78. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-12 | Finding: | 0.54 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 20-JUL-12 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 03-JUL-12 | Finding: | 68. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUN-12 | Finding: | 0.55 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUN-12 | Finding: | 79. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 10-MAY-12 | Finding: | 1.6e-002 |
| Chemical: | GROSS ALPHA MDA95 | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 10-MAY-12 | Finding: | 22. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 10-MAY-12 | Finding: | 0.57 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-MAY-12 | Finding: | 76. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-MAY-12 | Finding: | 0.498 |
| Chemical: | GROSS ALPHA COUNTING ERROR | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 10-MAY-12 | Finding: | 6.6 |
| Chemical: | URANIUM (PCI/L) | Report units: | PCI/L |
| Dlr: | 1. | | |
| Sample date: | 10-MAY-12 | Finding: | 8.69 |
| Chemical: | GROSS ALPHA | Report units: | PCI/L |
| Dlr: | 3. | | |
| Sample date: | 03-MAY-12 | Finding: | 23. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 02-MAY-12 | Finding: | 0.71 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-MAY-12 | Finding: | 85. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-APR-12 | Finding: | 94. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-APR-12 | Finding: | 0.51 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-MAR-12 | Finding: | 71. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-FEB-12 | Finding: | 65. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-FEB-12 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |

| | | | |
|---|---|---|---|
| Sample date: | 01-FEB-12 | Finding: | 70. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 20-JAN-12 | Finding: | 21. |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 04-JAN-12 | Finding: | 0.52 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JAN-12 | Finding: | 67. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

---

**A6**
**SW**
**1/4 - 1/2 Mile**
**Lower**

**CA WELLS 1425**

| | | | |
|---|---|---|---|
| Seq: | 1425 | Prim sta c: | 01S/11W-30B03 S |
| Frds no: | 1910039010 | County: | 19 |
| District: | 15 | User id: | MET |
| System no: | 1910039 | Water type: | G |
| Source nam: | WELL 08C LACFCD 2933F | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 340300.0 | Longitude: | 1180400.0 |
| Precision: | 8 | Status: | AR |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |
| System no: | 1910039 | System nam: | San Gabriel Valley Water Co.-El Monte |
| Hqname: | SAN GABRIEL VALLEY WATER CO | Address: | P O BOX 6010 |
| City: | EL MONTE | State: | CA |
| Zip: | 91734 | Zip ext: | Not Reported |
| Pop serv: | 151064 | Connection: | 43161 |
| Area serve: | EL MONTE/SAN GABRIEL BASIN | | |
| Sample date: | 07-FEB-18 | Finding: | 0.76 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-FEB-18 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-FEB-18 | Finding: | 51. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JAN-18 | Finding: | 92. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JAN-18 | Finding: | 3.1 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 03-JAN-18 | Finding: | 0.58 |

| | | | |
|---|---|---|---|
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-DEC-17 | Finding: | 49. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-NOV-17 | Finding: | 68. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-NOV-17 | Finding: | 79. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-NOV-17 | Finding: | 0.51 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-OCT-17 | Finding: | 2.3 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 04-OCT-17 | Finding: | 0.69 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-OCT-17 | Finding: | 89. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-SEP-17 | Finding: | 60. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-AUG-17 | Finding: | 0.51 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-AUG-17 | Finding: | 4.7 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 23-AUG-17 | Finding: | 71. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-AUG-17 | Finding: | 4. |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 17-AUG-17 | Finding: | 440. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 17-AUG-17 | Finding: | 0.9 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-AUG-17 | Finding: | 140. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 02-AUG-17 | Finding: | 2.4 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 02-AUG-17 | Finding: | 74. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUL-17 | Finding: | 62. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JUN-17 | Finding: | 60. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-17 | Finding: | 0.57 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-17 | Finding: | 85. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-MAY-17 | Finding: | 2.4 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 03-MAY-17 | Finding: | 61. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-APR-17 | Finding: | 82. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-APR-17 | Finding: | 0.52 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-MAR-17 | Finding: | 76. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 09-FEB-17 | Finding: | 64. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-FEB-17 | Finding: | 53. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-JAN-17 | Finding: | 2.4 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 04-JAN-17 | Finding: | 61. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-DEC-16 | Finding: | 60. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 10-NOV-16 | Finding: | 51. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-NOV-16 | Finding: | 54. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 12-OCT-16 | Finding: | 2.3 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 05-OCT-16 | Finding: | 59. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-SEP-16 | Finding: | 48. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-AUG-16 | Finding: | 61. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 31-AUG-16 | Finding: | 4.8 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 18-AUG-16 | Finding: | 57. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 18-AUG-16 | Finding: | 2.3 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 10-AUG-16 | Finding: | 1.3 |
| Chemical: | 1,4-DIOXANE | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 10-AUG-16 | Finding: | 7.51 |
| Chemical: | PH, LABORATORY | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 180. |
| Chemical: | ALKALINITY (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 220. |
| Chemical: | BICARBONATE ALKALINITY | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 2.3 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 10-AUG-16 | Finding: | 260. |
| Chemical: | HARDNESS (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |

| | | | |
|---|---|---|---|
| Sample date: | 10-AUG-16 | Finding: | 69. |
| Chemical: | CALCIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 21. |
| Chemical: | MAGNESIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 26. |
| Chemical: | SODIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 1.5 |
| Chemical: | POTASSIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 18. |
| Chemical: | CHLORIDE | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 59. |
| Chemical: | SULFATE | Report units: | MG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-AUG-16 | Finding: | 0.54 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 10-AUG-16 | Finding: | 300. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 0.705 |
| Chemical: | LANGELIER INDEX @ 60 C | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 0.159 |
| Chemical: | LANGELIER INDEX AT SOURCE TEMP. | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 12. |
| Chemical: | AGGRSSIVE INDEX (CORROSIVITY) | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 500. |
| Chemical: | SPECIFIC CONDUCTANCE | Report units: | US |
| Dlr: | 0. | | |
| Sample date: | 10-AUG-16 | Finding: | 18.3 |
| Chemical: | SOURCE TEMPERATURE C | Report units: | C |
| Dlr: | 0. | | |
| Sample date: | 03-AUG-16 | Finding: | 58. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-JUL-16 | Finding: | 68. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-JUL-16 | Finding: | 2.5 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.4 | | |
| Sample date: | 01-JUN-16 | Finding: | 60. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-16 | Finding: | 60. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-MAY-16 | Finding: | 64. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 28-APR-16 | Finding: | 2.8 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 06-APR-16 | Finding: | 77. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-MAR-16 | Finding: | 88. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-16 | Finding: | 0.163 |
| Chemical: | RADIUM 226 COUNTING ERROR | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-FEB-16 | Finding: | 48. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-16 | Finding: | 0.253 |
| Chemical: | RADIUM 228 MDA95 | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-FEB-16 | Finding: | 0.47 |
| Chemical: | RADIUM 226 MDA95 | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 11-FEB-16 | Finding: | 0.419 |
| Chemical: | RADIUM 228 COUNTING ERROR | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 03-FEB-16 | Finding: | 92. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-JAN-16 | Finding: | 3.4 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 06-JAN-16 | Finding: | 100. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-JAN-16 | Finding: | 0.61 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 02-DEC-15 | Finding: | 89. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-DEC-15 | Finding: | 0.59 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-15 | Finding: | 57. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-15 | Finding: | 0.52 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-NOV-15 | Finding: | 67. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 28-OCT-15 | Finding: | 2.4 |
| Chemical: | NITRATE (AS N) | Report units: | MG/L |
| Dlr: | 0.4 | | |
| Sample date: | 07-OCT-15 | Finding: | 0.8 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-OCT-15 | Finding: | 92. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-SEP-15 | Finding: | 68. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-AUG-15 | Finding: | 64. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 27-AUG-15 | Finding: | 4.8 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 11-AUG-15 | Finding: | 310. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 11-AUG-15 | Finding: | 59. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-AUG-15 | Finding: | 3.4 |
| Chemical: | CHROMIUM, HEXAVALENT | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 11-AUG-15 | Finding: | 0.58 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 05-AUG-15 | Finding: | 88. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 05-AUG-15 | Finding: | 0.58 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-JUL-15 | Finding: | 74. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JUN-15 | Finding: | 96. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-15 | Finding: | 0.66 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-15 | Finding: | 97. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-MAY-15 | Finding: | 9.5 |
| Chemical: | URANIUM (PCI/L) | Report units: | PCI/L |
| Dlr: | 1. | | |
| Sample date: | 06-MAY-15 | Finding: | 84. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-APR-15 | Finding: | 86. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-MAR-15 | Finding: | 79. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-15 | Finding: | 70. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-FEB-15 | Finding: | 0.56 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-FEB-15 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-JAN-15 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-DEC-14 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 13-NOV-14 | Finding: | 0.52 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 13-NOV-14 | Finding: | 92. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-NOV-14 | Finding: | 100. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-NOV-14 | Finding: | 0.58 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-OCT-14 | Finding: | 0.57 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-OCT-14 | Finding: | 130. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 23-SEP-14 | Finding: | 72. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-SEP-14 | Finding: | 66. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-AUG-14 | Finding: | 59. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-AUG-14 | Finding: | 0.52 |
| Chemical: | TOLUENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 29-AUG-14 | Finding: | 5. |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 13-AUG-14 | Finding: | 310. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 06-AUG-14 | Finding: | 0.54 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-AUG-14 | Finding: | 80. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-JUL-14 | Finding: | 66. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-JUN-14 | Finding: | 69. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-MAY-14 | Finding: | 76. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 06-MAY-14 | Finding: | 74. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-APR-14 | Finding: | 90. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-MAR-14 | Finding: | 0.52 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-MAR-14 | Finding: | 120. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 11-FEB-14 | Finding: | 90. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-FEB-14 | Finding: | 94. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 15-JAN-14 | Finding: | 99. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 15-JAN-14 | Finding: | 0.55 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-DEC-13 | Finding: | 90. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 64. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-NOV-13 | Finding: | 74. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-OCT-13 | Finding: | 67. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 25-SEP-13 | Finding: | 2.4 |
| Chemical: | CHROMIUM, HEXAVALENT | Report units: | UG/L |
| Dlr: | 1. | | |
| Sample date: | 04-SEP-13 | Finding: | 75. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 21-AUG-13 | Finding: | 1.6e-002 |
| Chemical: | GROSS ALPHA MDA95 | Report units: | PCI/L |
| Dlr: | 0. | | |

| | | | |
|---|---|---|---|
| Sample date: | 21-AUG-13 | Finding: | 82. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 21-AUG-13 | Finding: | 0.41 |
| Chemical: | GROSS ALPHA COUNTING ERROR | Report units: | PCI/L |
| Dlr: | 0. | | |
| Sample date: | 21-AUG-13 | Finding: | 6.38 |
| Chemical: | GROSS ALPHA | Report units: | PCI/L |
| Dlr: | 3. | | |
| Sample date: | 14-AUG-13 | Finding: | 0.407 |
| Chemical: | LANGELIER INDEX AT SOURCE TEMP. | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 12.2 |
| Chemical: | AGGRSSIVE INDEX (CORROSIVITY) | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 18.9 |
| Chemical: | SOURCE TEMPERATURE C | Report units: | C |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 480. |
| Chemical: | SPECIFIC CONDUCTANCE | Report units: | US |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 7.87 |
| Chemical: | PH, LABORATORY | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 170. |
| Chemical: | ALKALINITY (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 210. |
| Chemical: | BICARBONATE ALKALINITY | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 200. |
| Chemical: | HARDNESS (TOTAL) AS CACO3 | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 55. |
| Chemical: | CALCIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 16. |
| Chemical: | MAGNESIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 22. |
| Chemical: | SODIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 1.3 |
| Chemical: | POTASSIUM | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 17. |
| Chemical: | CHLORIDE | Report units: | MG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 54. |
| Chemical: | SULFATE | Report units: | MG/L |
| Dlr: | 0.5 | | |
| Sample date: | 14-AUG-13 | Finding: | 0.65 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 14-AUG-13 | Finding: | 290. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 14-AUG-13 | Finding: | 0.943 |
| Chemical: | LANGELIER INDEX @ 60 C | Report units: | Not Reported |
| Dlr: | 0. | | |
| Sample date: | 06-AUG-13 | Finding: | 72. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-13 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-13 | Finding: | 0.64 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-AUG-13 | Finding: | 6.3 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 05-JUL-13 | Finding: | 71. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUN-13 | Finding: | 96. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 17-MAY-13 | Finding: | 100. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-MAY-13 | Finding: | 76. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-APR-13 | Finding: | 76. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-MAR-13 | Finding: | 70. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 26-FEB-13 | Finding: | 76. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

| | | | |
|---|---|---|---|
| Sample date: | 06-FEB-13 | Finding: | 60. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-JAN-13 | Finding: | 70. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 19-DEC-12 | Finding: | 4.3 |
| Chemical: | MOLYDBENDUM | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 19-DEC-12 | Finding: | 70. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-DEC-12 | Finding: | 0.56 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-DEC-12 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 15-NOV-12 | Finding: | 0.79 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 15-NOV-12 | Finding: | 150. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-NOV-12 | Finding: | 76. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 24-OCT-12 | Finding: | 2.e-003 |
| Chemical: | N-NITROSODIMETHYLAMINE (NDMA) | Report units: | UG/L |
| Dlr: | 0. | | |
| Sample date: | 02-OCT-12 | Finding: | 63. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 06-SEP-12 | Finding: | 60. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 08-AUG-12 | Finding: | 52. |
| Chemical: | ALUMINUM | Report units: | UG/L |
| Dlr: | 50. | | |
| Sample date: | 08-AUG-12 | Finding: | 9.9 |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 08-AUG-12 | Finding: | 460. |
| Chemical: | TOTAL DISSOLVED SOLIDS | Report units: | MG/L |
| Dlr: | 0. | | |
| Sample date: | 08-AUG-12 | Finding: | 0.56 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |

| | | | |
|---|---|---|---|
| Dlr: | 0.5 | | |
| Sample date: | 08-AUG-12 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 08-AUG-12 | Finding: | 0.73 |
| Chemical: | FLUORIDE (F) (NATURAL-SOURCE) | Report units: | MG/L |
| Dlr: | 0.1 | | |
| Sample date: | 01-AUG-12 | Finding: | 63. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 20-JUL-12 | Finding: | 9.9 |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 03-JUL-12 | Finding: | 110. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-JUL-12 | Finding: | 0.56 |
| Chemical: | TRICHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 05-JUN-12 | Finding: | 82. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 10-MAY-12 | Finding: | 74. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 02-MAY-12 | Finding: | 74. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 04-APR-12 | Finding: | 80. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 07-MAR-12 | Finding: | 81. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 03-FEB-12 | Finding: | 75. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 01-FEB-12 | Finding: | 58. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |
| Sample date: | 20-JAN-12 | Finding: | 9.5 |
| Chemical: | NITRATE (AS NO3) | Report units: | MG/L |
| Dlr: | 2. | | |
| Sample date: | 04-JAN-12 | Finding: | 63. |
| Chemical: | TETRACHLOROETHYLENE | Report units: | UG/L |
| Dlr: | 0.5 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**B7**
**NW**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000140340**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 001S011W30B003S | Type: | Well |
| Description: | Not Reported | HUC: | 18070105 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | 534 |
| Well Depth Units: | ft | Well Hole Depth: | 534 |
| Well Hole Depth Units: | ft | | |

---

**B8**
**NW**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000140339**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 001S011W30B002S | Type: | Well |
| Description: | Not Reported | HUC: | 18070105 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | 312 |
| Well Depth Units: | ft | Well Hole Depth: | 312 |
| Well Hole Depth Units: | ft | | |

---

**B9**
**NW**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000140341**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 001S011W30B004S | Type: | Well |
| Description: | Not Reported | HUC: | 18070105 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | 580 |
| Well Depth Units: | ft | Well Hole Depth: | 580 |
| Well Hole Depth Units: | ft | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**B10**
**NNW**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000140359**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 001S011W30B001S | Type: | Well |
| Description: | Not Reported | HUC: | 18070105 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | 310 |
| Well Depth Units: | ft | Well Hole Depth: | 310 |
| Well Hole Depth Units: | ft | | |

---

**C11**
**ESE**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **1401**

| | | | |
|---|---|---|---|
| Seq: | 1401 | Prim sta c: | 01S/11W-21N01 S |
| Frds no: | 1910038005 | County: | 19 |
| District: | 07 | User id: | 4TH |
| System no: | 1910038 | Water type: | G |
| Source nam: | WELL 05 - INACTIVE | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 340300.0 | Longitude: | 1180300.0 |
| Precision: | 8 | Status: | IR |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |

| | | | |
|---|---|---|---|
| System no: | 1910038 | System nam: | El Monte-City, Water Dept. |
| Hqname: | Not Reported | Address: | P.O. BOX 6008 |
| City: | EL MONTE | State: | CA |
| Zip: | 91734 | Zip ext: | Not Reported |
| Pop serv: | 13300 | Connection: | 3344 |
| Area serve: | EL MONTE | | |

---

**C12**
**ESE**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **1422**

| | | | |
|---|---|---|---|
| Seq: | 1422 | Prim sta c: | 01S/11W-28M03 S |
| Frds no: | 1910039007 | County: | 19 |
| District: | 15 | User id: | MET |
| System no: | 1910039 | Water type: | G |
| Source nam: | WELL 05A LACFCD 2954N - ABANDONED | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 340300.0 | Longitude: | 1180300.0 |
| Precision: | 8 | Status: | AB |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |

| | | | |
|---|---|---|---|
| System no: | 1910039 | System nam: | San Gabriel Valley Water Co.-El Monte |
| Hqname: | SAN GABRIEL VALLEY WATER CO | Address: | P O BOX 6010 |
| City: | EL MONTE | State: | CA |
| Zip: | 91734 | Zip ext: | Not Reported |
| Pop serv: | 151064 | Connection: | 43161 |
| Area serve: | EL MONTE/SAN GABRIEL BASIN | | |

---

**13**
**WNW**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000140300**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 001S011W30F001S | Type: | Well |
| Description: | Not Reported | HUC: | 18070105 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | 1502 |
| Well Depth Units: | ft | Well Hole Depth: | 1560 |
| Well Hole Depth Units: | ft | | |

---

**14**
**WNW**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000140246**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 001S011W30F003S | Type: | Well |
| Description: | Not Reported | HUC: | 18070105 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | 1600 |
| Well Depth Units: | ft | Well Hole Depth: | 1600 |
| Well Hole Depth Units: | ft | | |

---

**15**
**West**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000140219**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 001S011W30M002S | Type: | Well |
| Description: | Not Reported | HUC: | 18070105 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | 817 |
| Well Depth Units: | ft | Well Hole Depth: | Not Reported |
| Well Hole Depth Units: | Not Reported | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**D16**
**NNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **1386**

| | | | |
|---|---|---|---|
| Seq: | 1386 | Prim sta c: | 01S/11W-18K01 S |
| Frds no: | 1910139018 | County: | 19 |
| District: | 07 | User id: | 4TH |
| System no: | 1910139 | Water type: | G |
| Source nam: | GUESS WELL | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 340400.0 | Longitude: | 1180400.0 |
| Precision: | 8 | Status: | AR |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |

| | | | |
|---|---|---|---|
| System no: | 1910139 | System nam: | Cal. American Water Co.-San Marino |
| Hqname: | CALIFORNIA-AMERICAN WATER CO | Address: | 2020 HUNTINGTON DRIVE |
| City: | SAN MARINO | State: | CA |
| Zip: | 91108 | Zip ext: | Not Reported |
| Pop serv: | 49353 | Connection: | 13902 |
| Area serve: | SAN MARINO | | |

---

**D17**
**NNW**
**1/2 - 1 Mile**
**Higher**

**CA WELLS** **1395**

| | | | |
|---|---|---|---|
| Seq: | 1395 | Prim sta c: | 01S/11W-20L01 S |
| Frds no: | 1910038007 | County: | 19 |
| District: | 07 | User id: | 4TH |
| System no: | 1910038 | Water type: | G |
| Source nam: | WELL 11 LACFC 2943M - DESTROYED | Station ty: | WELL/AMBNT/MUN/INTAKE/SUPPLY |
| Latitude: | 340400.0 | Longitude: | 1180400.0 |
| Precision: | 8 | Status: | DS |
| Comment 1: | Not Reported | Comment 2: | Not Reported |
| Comment 3: | Not Reported | Comment 4: | Not Reported |
| Comment 5: | Not Reported | Comment 6: | Not Reported |
| Comment 7: | Not Reported | | |

| | | | |
|---|---|---|---|
| System no: | 1910038 | System nam: | El Monte-City, Water Dept. |
| Hqname: | Not Reported | Address: | P.O. BOX 6008 |
| City: | EL MONTE | State: | CA |
| Zip: | 91734 | Zip ext: | Not Reported |
| Pop serv: | 13300 | Connection: | 3344 |
| Area serve: | EL MONTE | | |

---

**18**
**North**
**1/2 - 1 Mile**
**Higher**

**FED USGS** **USGS40000140459**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-CA | | |
| Organization Name: | USGS California Water Science Center | | |
| Monitor Location: | 001S011W20L001S | Type: | Well |
| Description: | Not Reported | HUC: | 18070105 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|---|---|---|---|
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | California Coastal Basin aquifers | | |
| Formation Type: | Not Reported | Aquifer Type: | Not Reported |
| Construction Date: | Not Reported | Well Depth: | 367 |
| Well Depth Units: | ft | Well Hole Depth: | Not Reported |
| Well Hole Depth Units: | Not Reported | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

**1**
**WSW** **OIL_GAS** **CAOG13000005895**
**1/4 - 1/2 Mile**

| | | | |
|---|---|---|---|
| API #: | 0403720665 | Well #: | 1 |
| Well Status: | Plugged | Well Type: | DH |
| Operator Name: | Harry J. Riskas | Lease Name: | Rosemead |
| Field Name: | Any Field | Area Name: | Any Area |
| GIS Source: | hud | Confidential Well: | N |
| Directionally Drilled: | Y | SPUD Date: | Not Reported |

---

**2**
**SSE** **OIL_GAS** **CAOG13000005466**
**1/2 - 1 Mile**

| | | | |
|---|---|---|---|
| API #: | 0403705774 | Well #: | 1 |
| Well Status: | Plugged | Well Type: | DH |
| Operator Name: | Potrero Oil Co. | Lease Name: | Newman |
| Field Name: | Any Field | Area Name: | Any Area |
| GIS Source: | hud | Confidential Well: | N |
| Directionally Drilled: | N | SPUD Date: | Not Reported |

---

**3**
**NW** **OIL_GAS** **CAOG13000005478**
**1/2 - 1 Mile**

| | | | |
|---|---|---|---|
| API #: | 0403705790 | Well #: | 1 |
| Well Status: | Plugged | Well Type: | DH |
| Operator Name: | Rancho Oil Corp., Ltd. | Lease Name: | Harmon |
| Field Name: | Any Field | Area Name: | Any Area |
| GIS Source: | hud | Confidential Well: | N |
| Directionally Drilled: | N | SPUD Date: | Not Reported |

---

**4**
**South** **OIL_GAS** **CAOG13000005622**
**1/2 - 1 Mile**

| | | | |
|---|---|---|---|
| API #: | 0403705679 | Well #: | 1 |
| Well Status: | Plugged | Well Type: | DH |
| Operator Name: | Mobil Oil Corporation | Lease Name: | Stone |
| Field Name: | Any Field | Area Name: | Any Area |
| GIS Source: | hud | Confidential Well: | N |
| Directionally Drilled: | N | SPUD Date: | Not Reported |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
# RADON

**AREA RADON INFORMATION**

State Database: CA Radon

Radon Test Results

| Zipcode | Num Tests | > 4 pCi/L |
|---|---|---|
| 91733 | 1 | 0 |

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|---|---|---|---|---|
| Living Area - 1st Floor | 0.711 pCi/L | 98% | 2% | 0% |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | 0.933 pCi/L | 100% | 0% | 0% |

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

AQUIFLOW$^{R}$ Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

**STREET AND ADDRESS INFORMATION**

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

# APPENDIX C
# HISTORICAL RESEARCH DOCUMENTATION

# APPENDIX C.1
# TOPOGRAPHIC MAPS

North Rosemead Blvd, Rust Street

North Rosemead Blvd, Rust Street

South El Monte, CA 91733

Inquiry Number: 6097435.4

June 19, 2020

# EDR Historical Topo Map Report

## with QuadMatch™

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

# EDR Historical Topo Map Report

06/19/20

| Site Name: | Client Name: |
|---|---|
| North Rosemead Blvd, Rust St | Ramboll |
| North Rosemead Blvd, Rust St | 18100 Von Karman Avenue |
| South El Monte, CA 91733 | Irvine, CA 92612 |
| EDR Inquiry # 6097435.4 | Contact: Rita Vincent |

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ramboll were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

| *Search Results:* | | *Coordinates:* | |
|---|---|---|---|
| **P.O.#** | NA | **Latitude:** | 34.053412 34° 3' 12" North |
| **Project:** | North Rosemead Blvd, Rust St | **Longitude:** | -118.062756 -118° 3' 46" West |
| | | **UTM Zone:** | Zone 11 North |
| | | **UTM X Meters:** | 401916.14 |
| | | **UTM Y Meters:** | 3768587.63 |
| | | **Elevation:** | 237.00' above sea level |

**Maps Provided:**

| | |
|---|---|
| 2012 | 1926 |
| 1994 | 1923 |
| 1991 | 1900 |
| 1981 | 1896 |
| 1972 | 1894 |
| 1966 | |
| 1953 | |
| 1948 | |


**Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

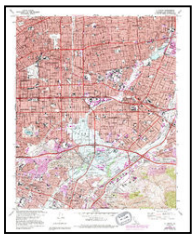
### 2012 Source Sheets

El Monte
2012
7.5-minute, 24000

### 1994 Source Sheets

El Monte
1994
7.5-minute, 24000
Aerial Photo Revised 1978

### 1991 Source Sheets



El Monte
1991
7.5-minute, 24000
Aerial Photo Revised 1978

### 1981 Source Sheets

El Monte
1981
7.5-minute, 24000
Aerial Photo Revised 1978

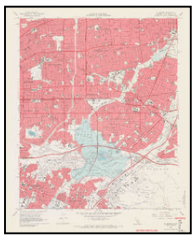
## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1972 Source Sheets

El Monte
1972
7.5-minute, 24000
Aerial Photo Revised 1972

### 1966 Source Sheets



El Monte
1966
7.5-minute, 24000
Aerial Photo Revised 1964

### 1953 Source Sheets

El Monte
1953
7.5-minute, 24000
Aerial Photo Revised 1952

### 1948 Source Sheets

El Monte
1948
7.5-minute, 24000

## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1926 Source Sheets

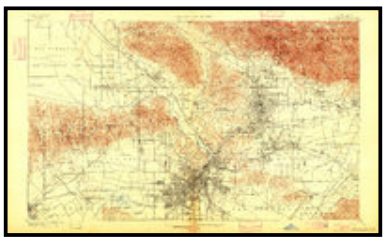
El Monte
1926
7.5-minute, 24000

### 1923 Source Sheets

El Monte
1923
7.5-minute, 24000

### 1900 Source Sheets

Pasadena
1900
15-minute, 62500



Los Angeles
1900
15-minute, 62500

### 1896 Source Sheets

Pasadena
1896
15-minute, 62500

## *Topo Sheet Key*

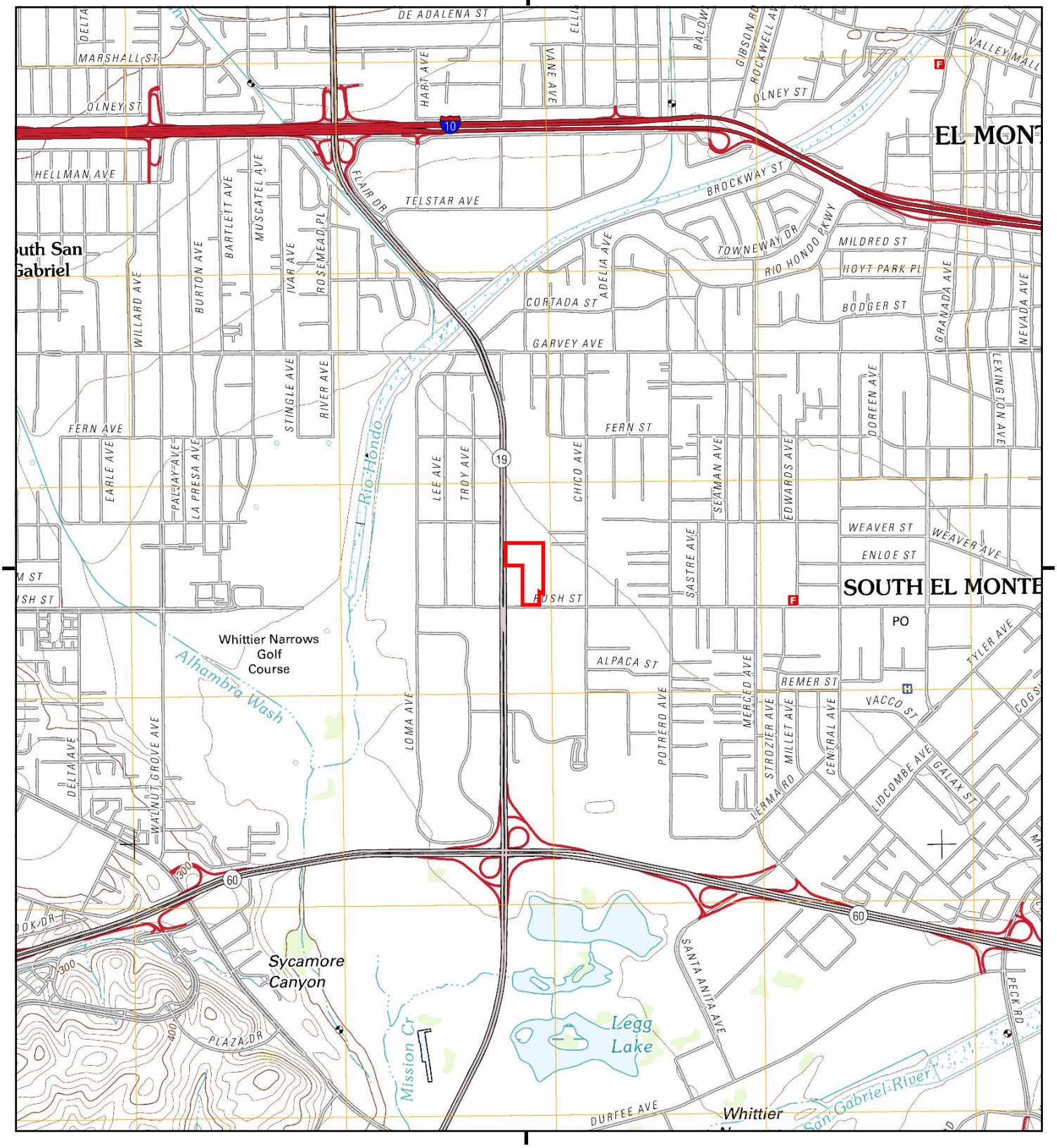
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1894 Source Sheets

Los Angeles
1894
15-minute, 62500

# Historical Topo Map

2012




This report includes information from the following map sheet(s).

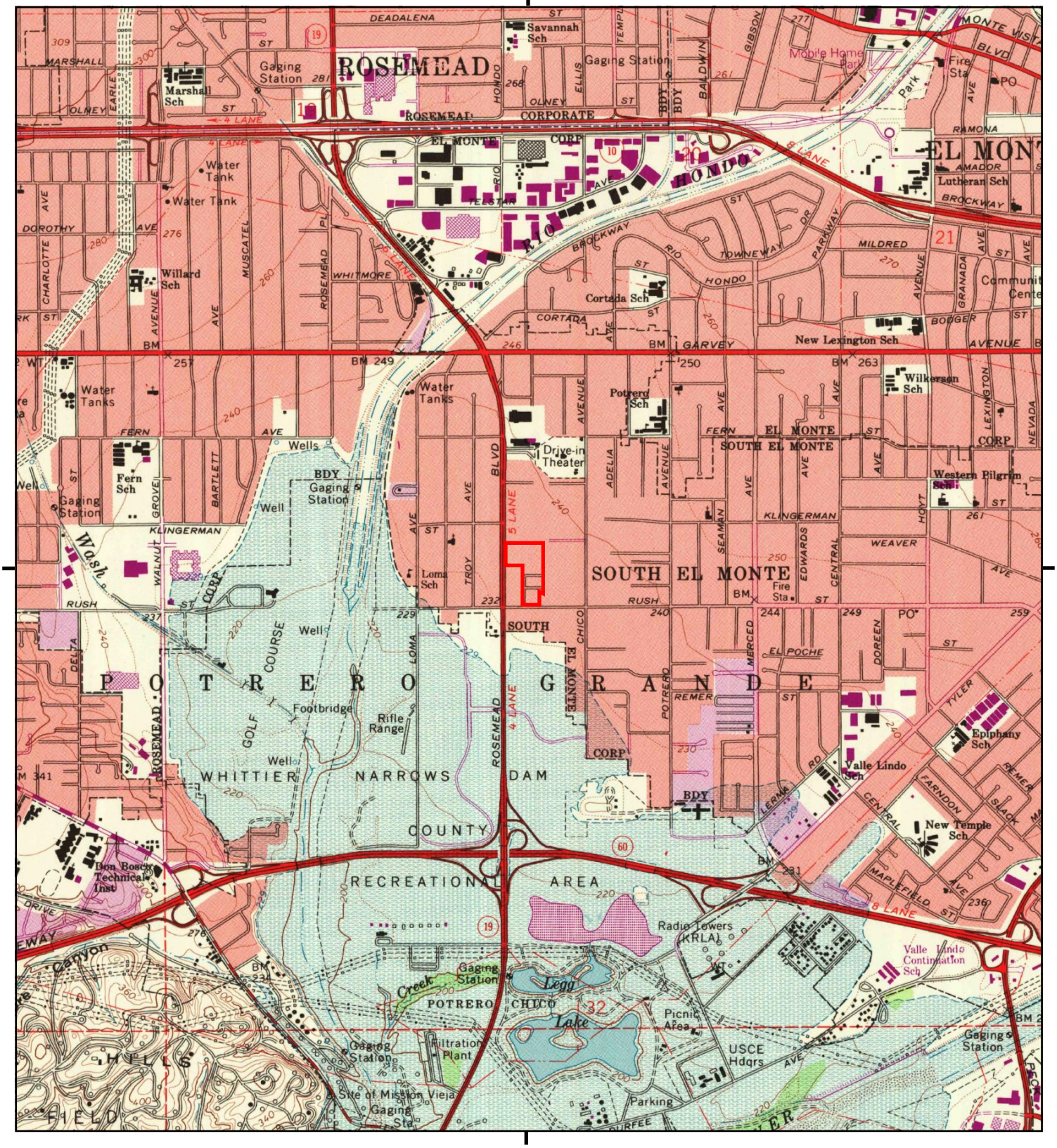
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 2012, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

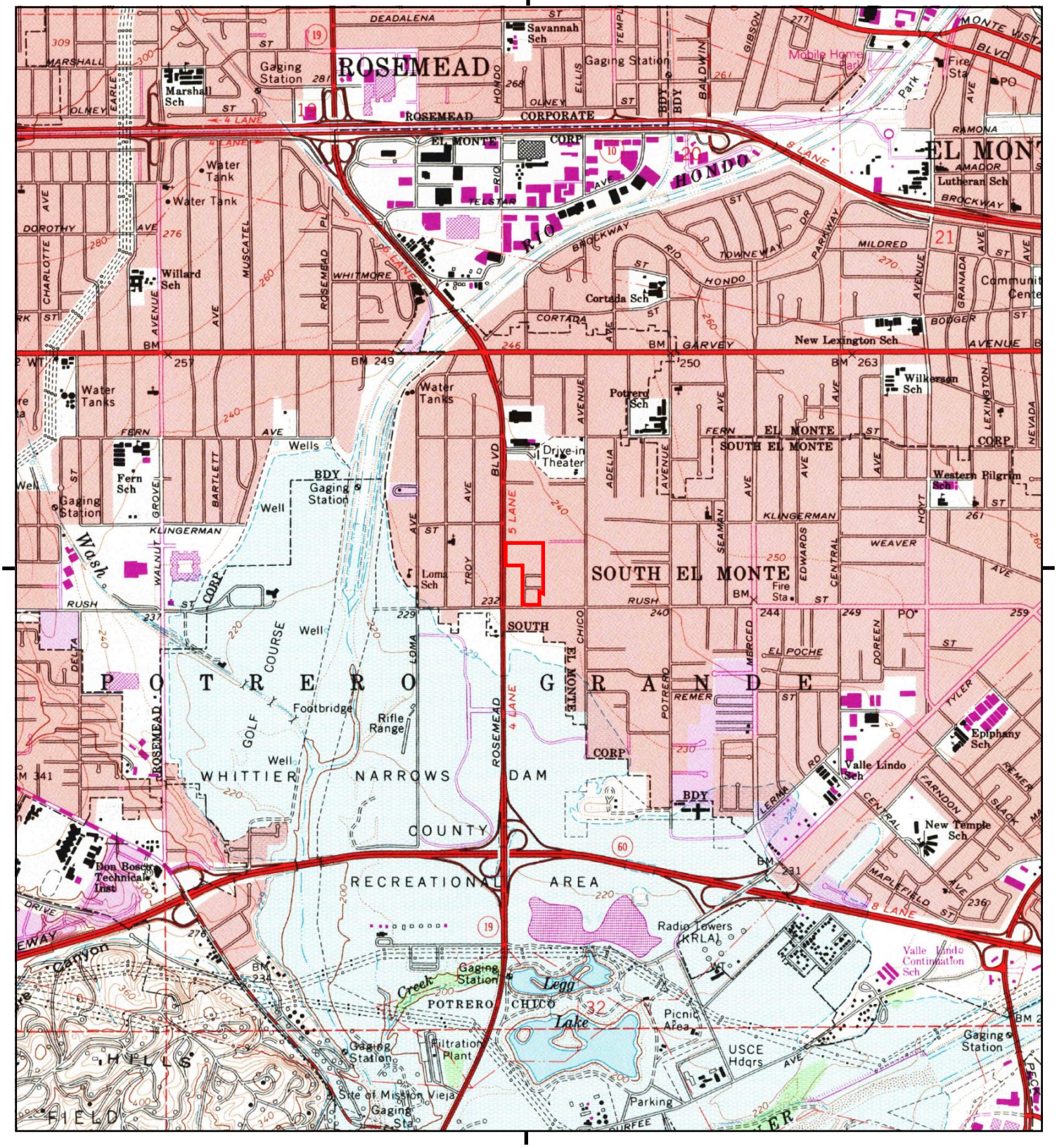
TP, El Monte, 1994, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N

# Historical Topo Map

1991




This report includes information from the following map sheet(s).

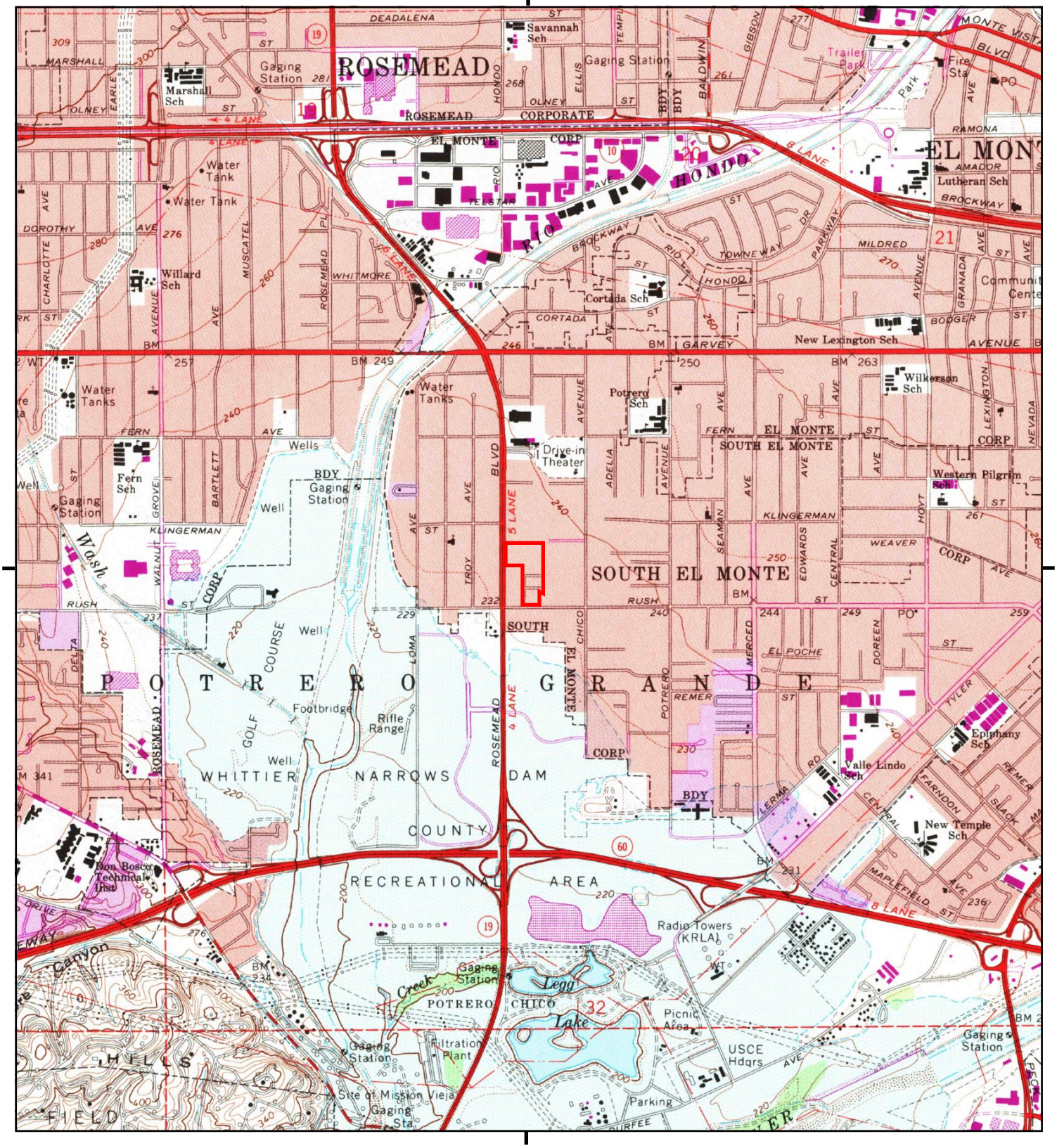
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1991, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N




This report includes information from the following map sheet(s).

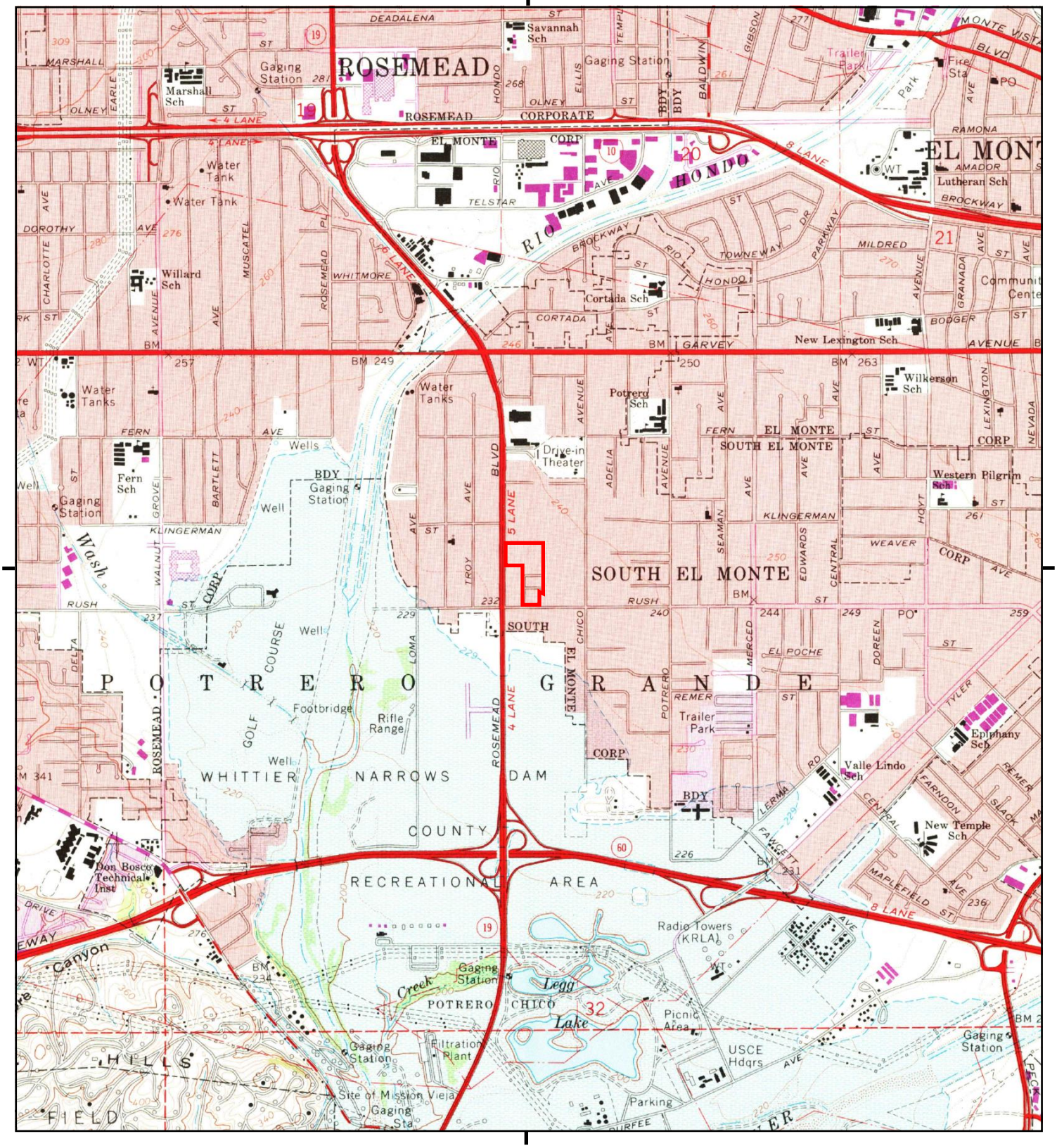
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1981, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N




This report includes information from the following map sheet(s).

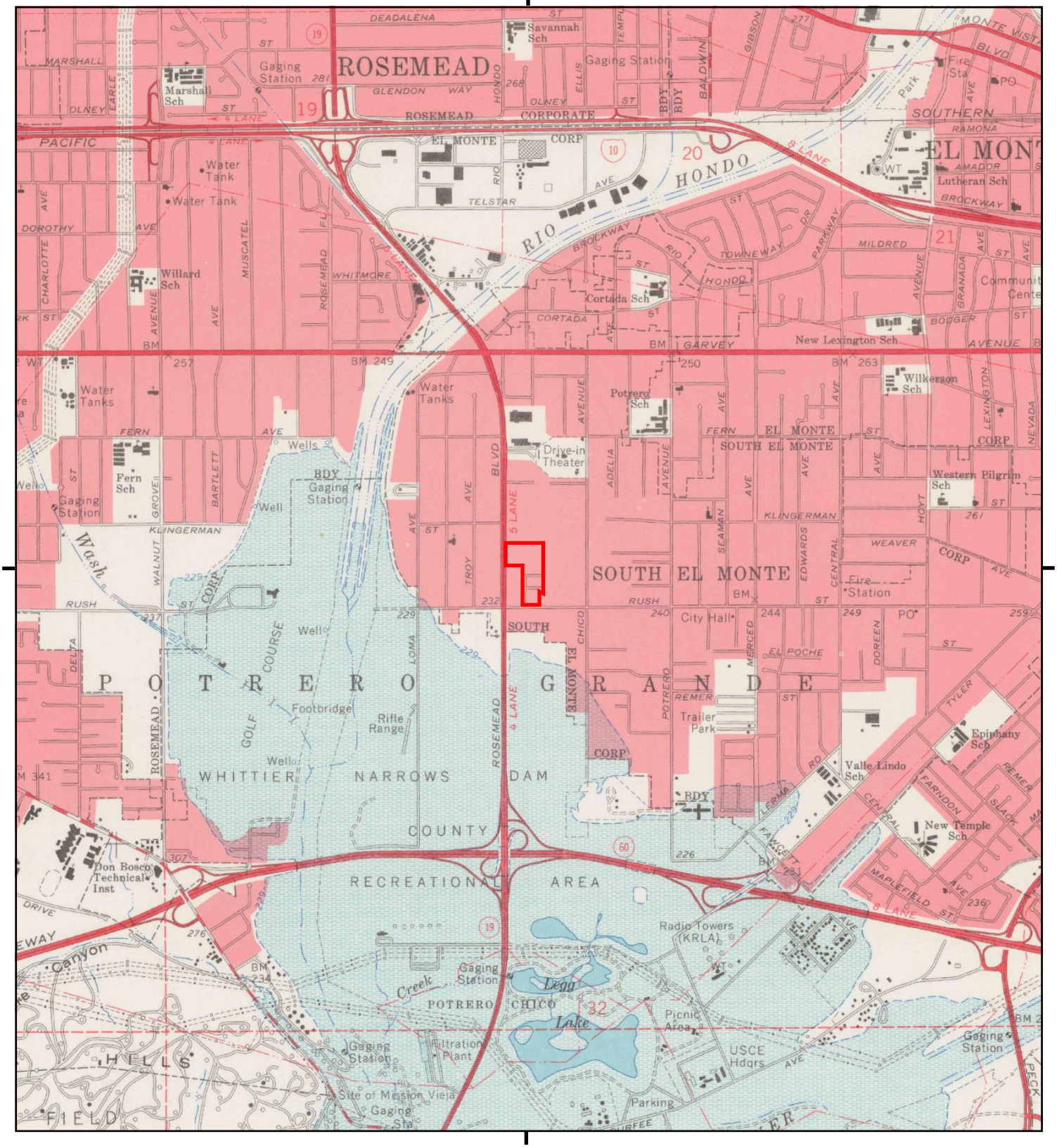
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1972, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

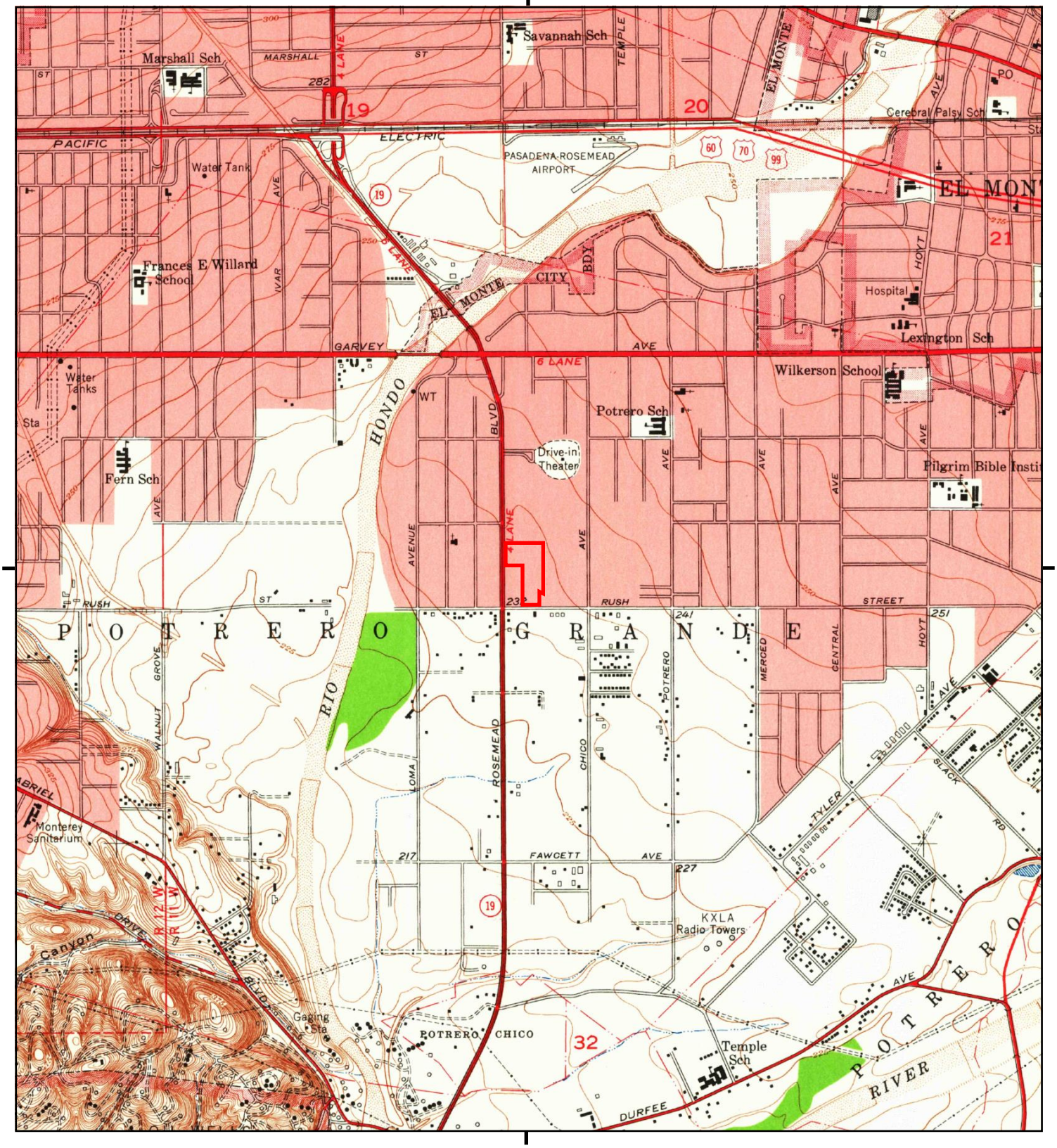
TP, El Monte, 1966, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N

# Historical Topo Map

1953




This report includes information from the following map sheet(s).

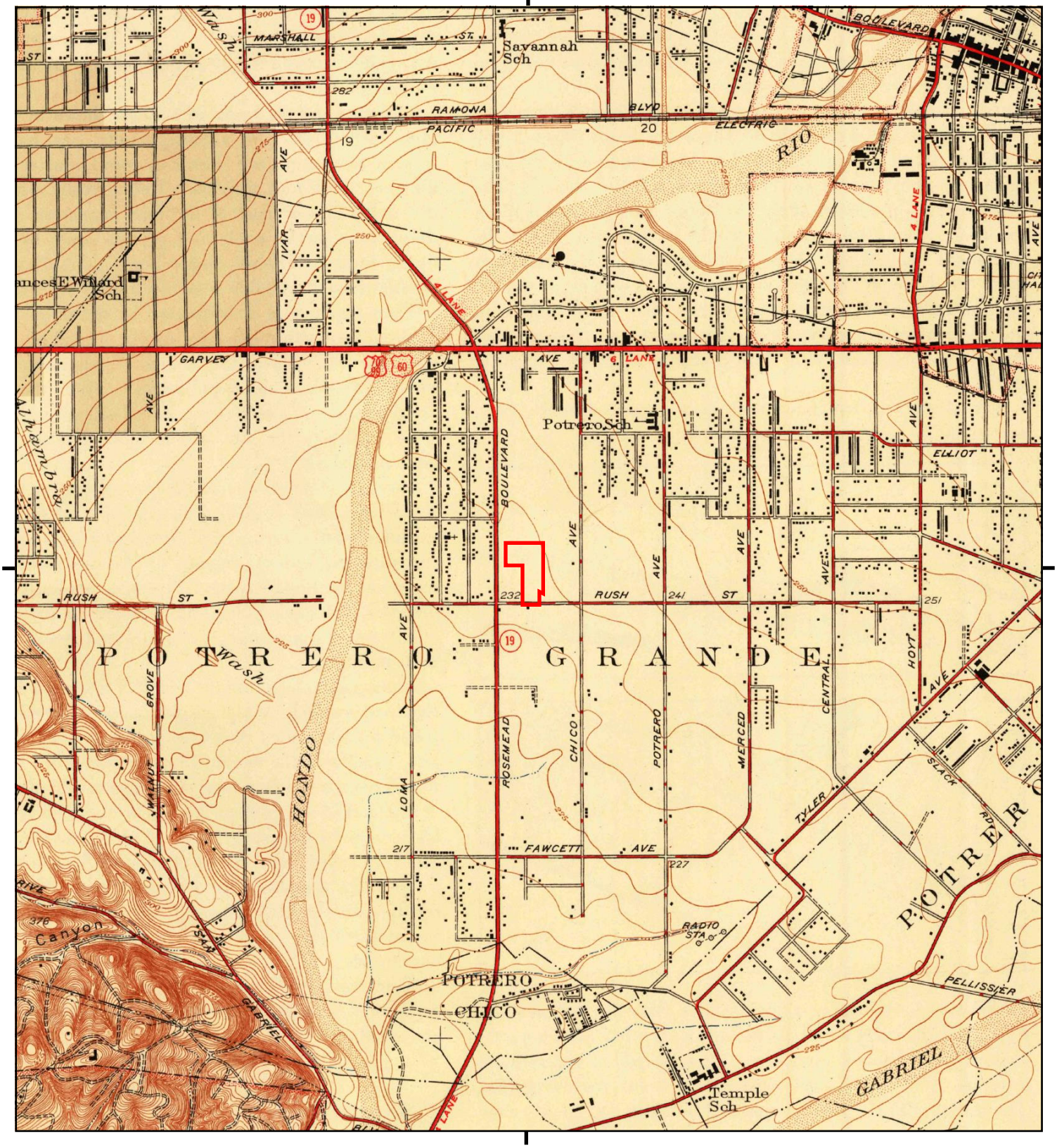
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1953, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N




This report includes information from the following map sheet(s).

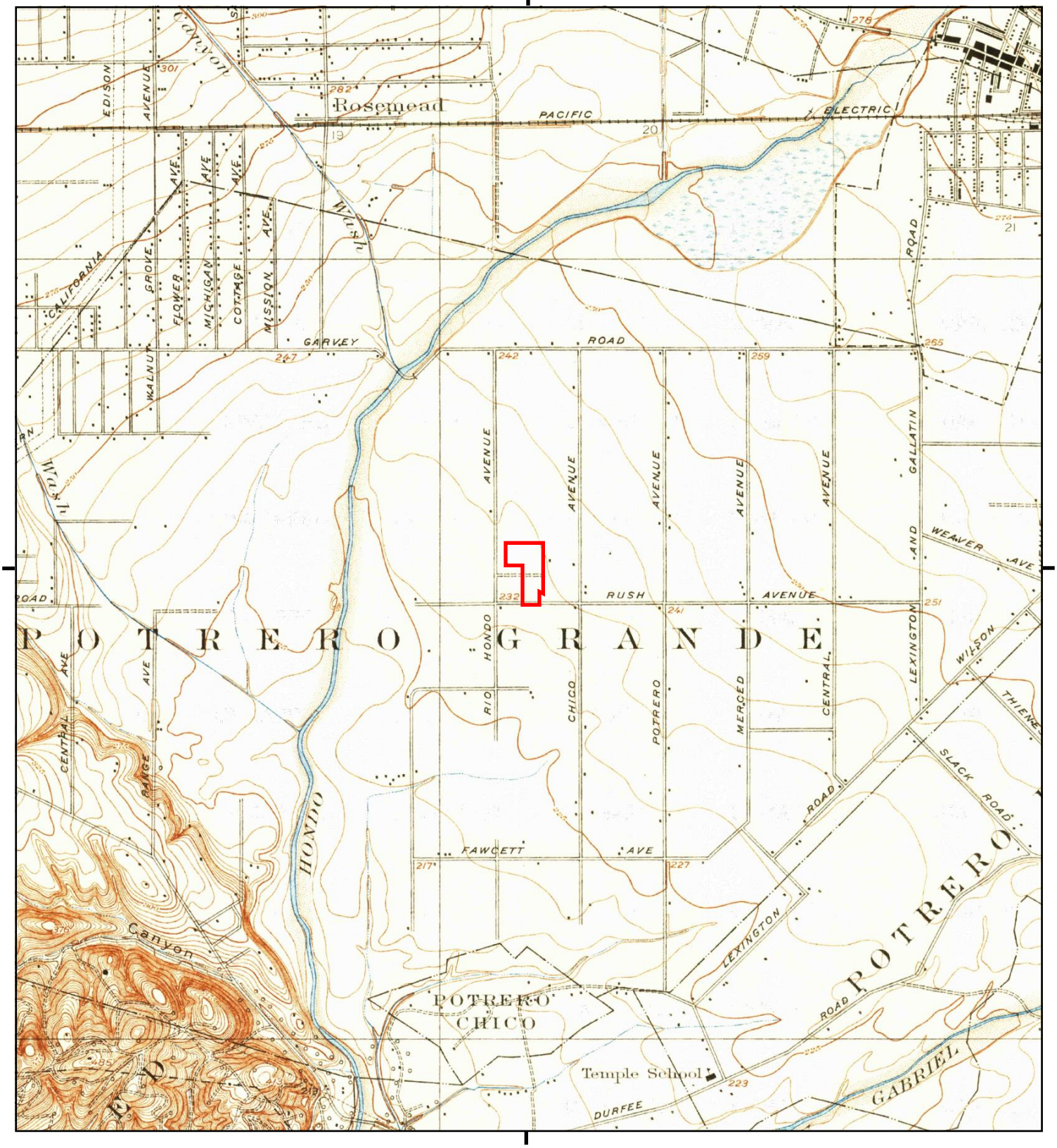
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1948, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

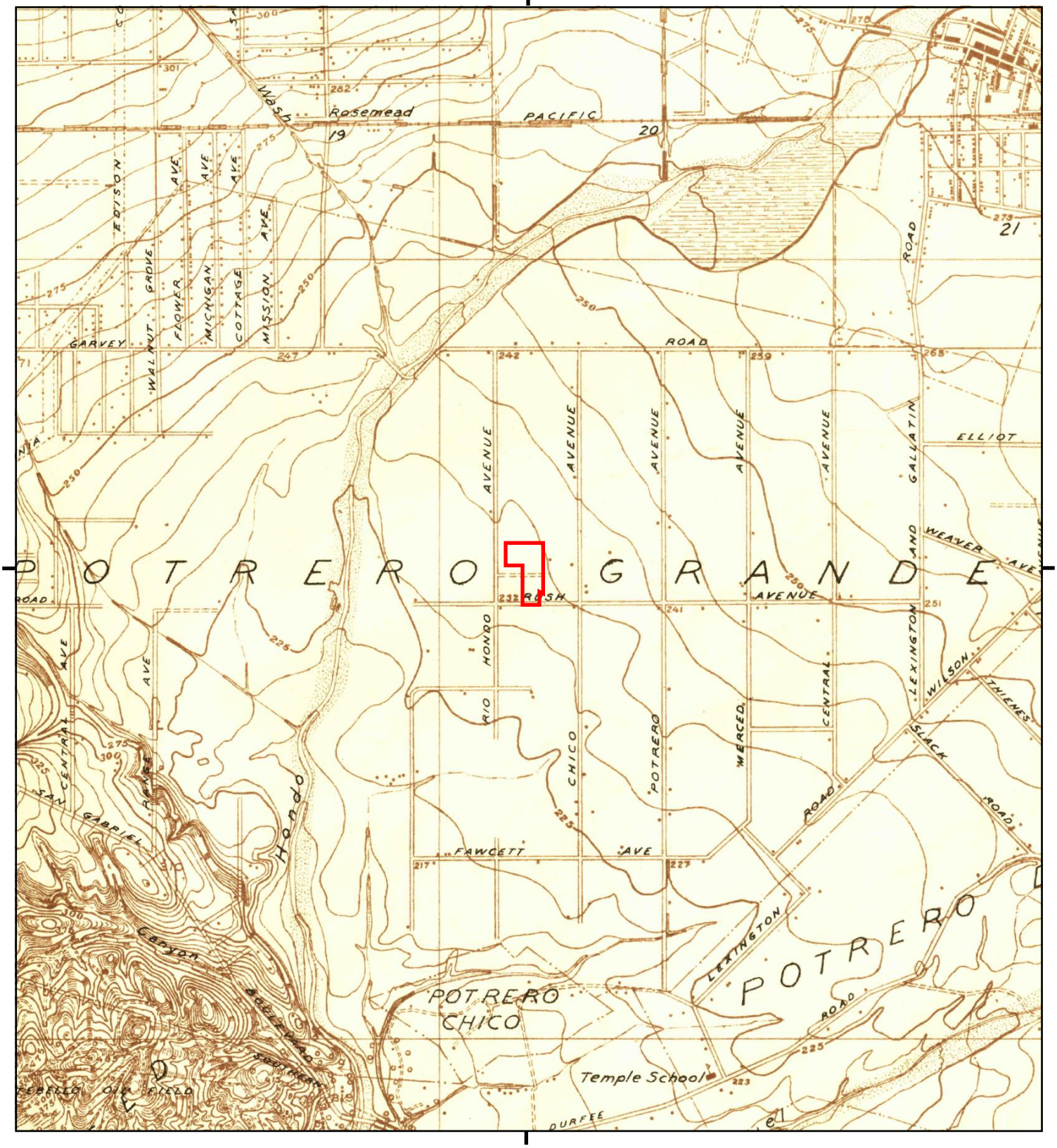
TP, El Monte, 1926, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N

# Historical Topo Map

1923




This report includes information from the following map sheet(s).

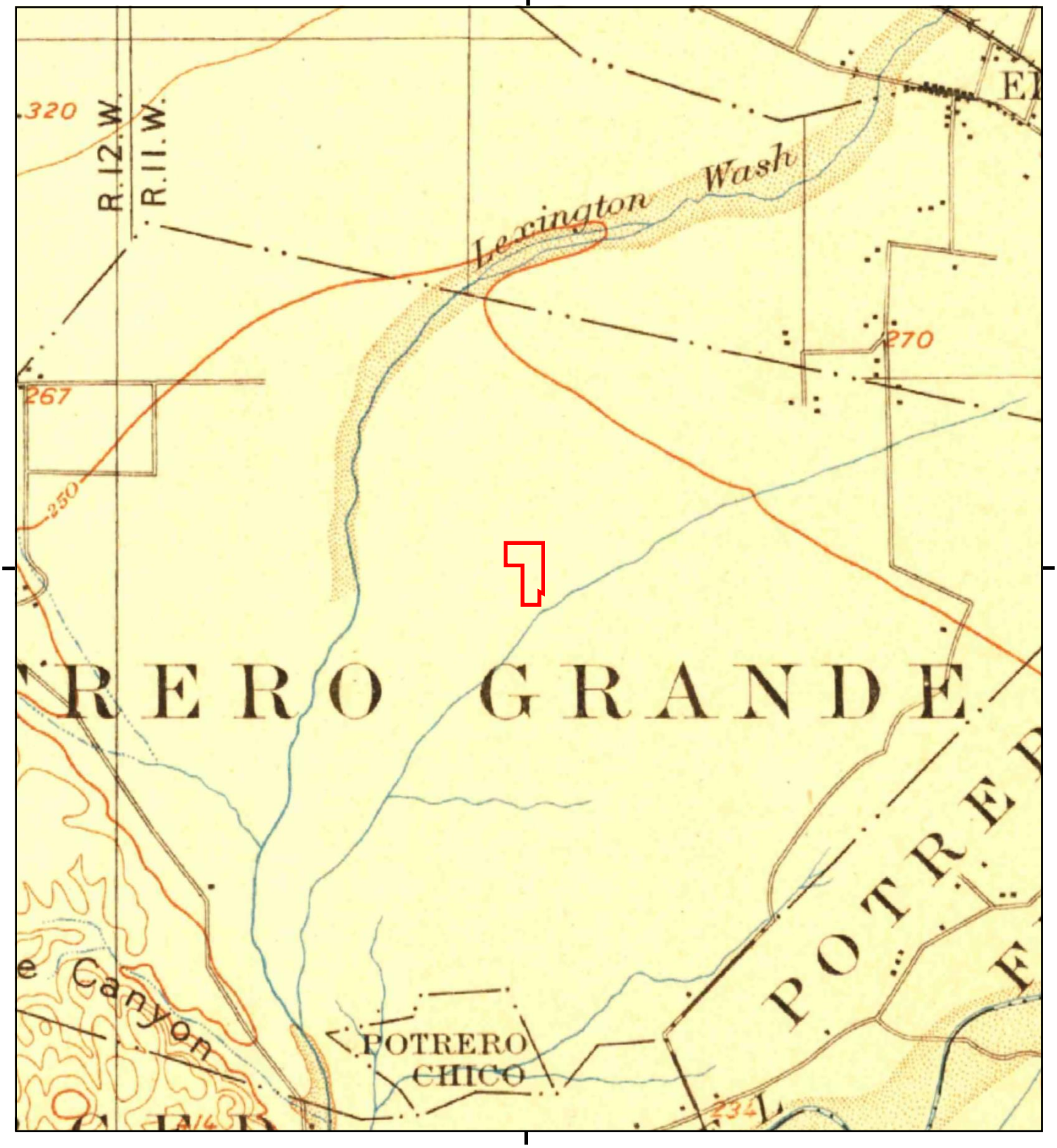
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1923, 7.5-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pasadena, 1900, 15-minute
TP, Los Angeles, 1900, 15-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pasadena, 1896, 15-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1894, 15-minute

SITE NAME: North Rosemead Blvd, Rust Street
ADDRESS: North Rosemead Blvd, Rust Street
South El Monte, CA 91733
CLIENT: Ramboll

N

# APPENDIX C.2
# AERIAL PHOTOGRAPHS

**North Rosemead Blvd, Rust Street**

North Rosemead Blvd, Rust Street

South El Monte, CA 91733

Inquiry Number: 6097435.8

June 19, 2020

# The EDR Aerial Photo Decade Package

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

# EDR Aerial Photo Decade Package

06/19/20

**Site Name:**

North Rosemead Blvd, Rust St
North Rosemead Blvd, Rust St
South El Monte, CA 91733
EDR Inquiry # 6097435.8

**Client Name:**

Ramboll
18100 Von Karman Avenue
Irvine, CA 92612
Contact: Rita Vincent

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

## *Search Results:*

| *Year* | *Scale* | *Details* | *Source* |
|---|---|---|---|
| 2016 | 1"=500' | Flight Year: 2016 | USDA/NAIP |
| 2012 | 1"=500' | Flight Year: 2012 | USDA/NAIP |
| 2009 | 1"=500' | Flight Year: 2009 | USDA/NAIP |
| 2005 | 1"=500' | Flight Year: 2005 | USDA/NAIP |
| 2002 | 1"=500' | Flight Date: June 11, 2002 | USDA |
| 1994 | 1"=500' | Acquisition Date: May 31, 1994 | USGS/DOQQ |
| 1989 | 1"=500' | Flight Date: August 22, 1989 | USDA |
| 1983 | 1"=500' | Flight Date: November 23, 1983 | EDR Proprietary Brewster Pacific |
| 1979 | 1"=500' | Flight Date: May 11, 1979 | EDR Proprietary Brewster Pacific |
| 1977 | 1"=500' | Flight Date: April 25, 1977 | EDR Proprietary Brewster Pacific |
| 1964 | 1"=500' | Flight Date: July 28, 1964 | USGS |
| 1952 | 1"=500' | Flight Date: August 02, 1952 | USGS |
| 1948 | 1"=500' | Flight Date: July 10, 1948 | USGS |
| 1938 | 1"=500' | Flight Date: February 07, 1938 | USDA |
| 1928 | 1"=500' | Flight Date: January 01, 1928 | FAIR |

**When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.**

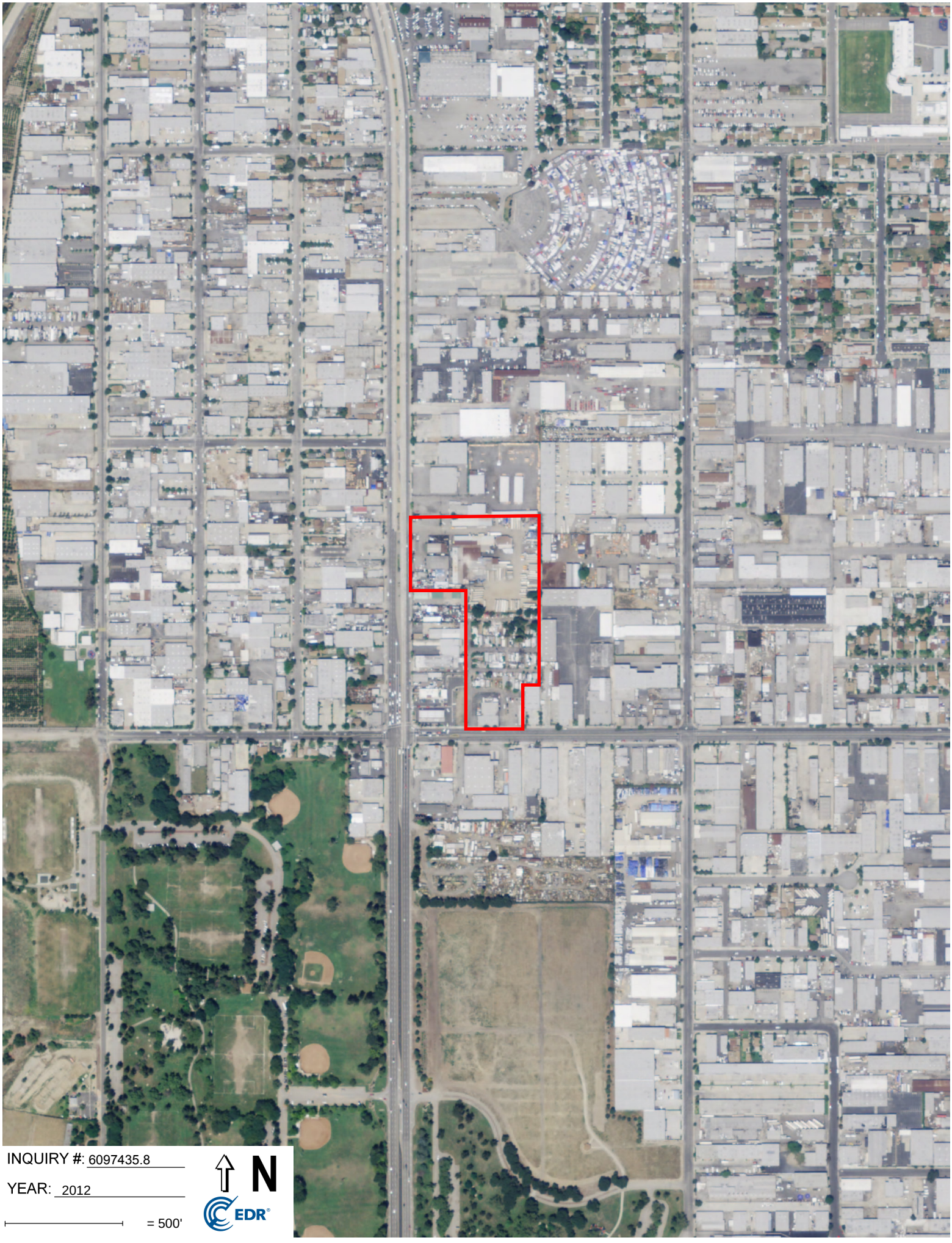

**Disclaimer - Copyright and Trademark Notice**

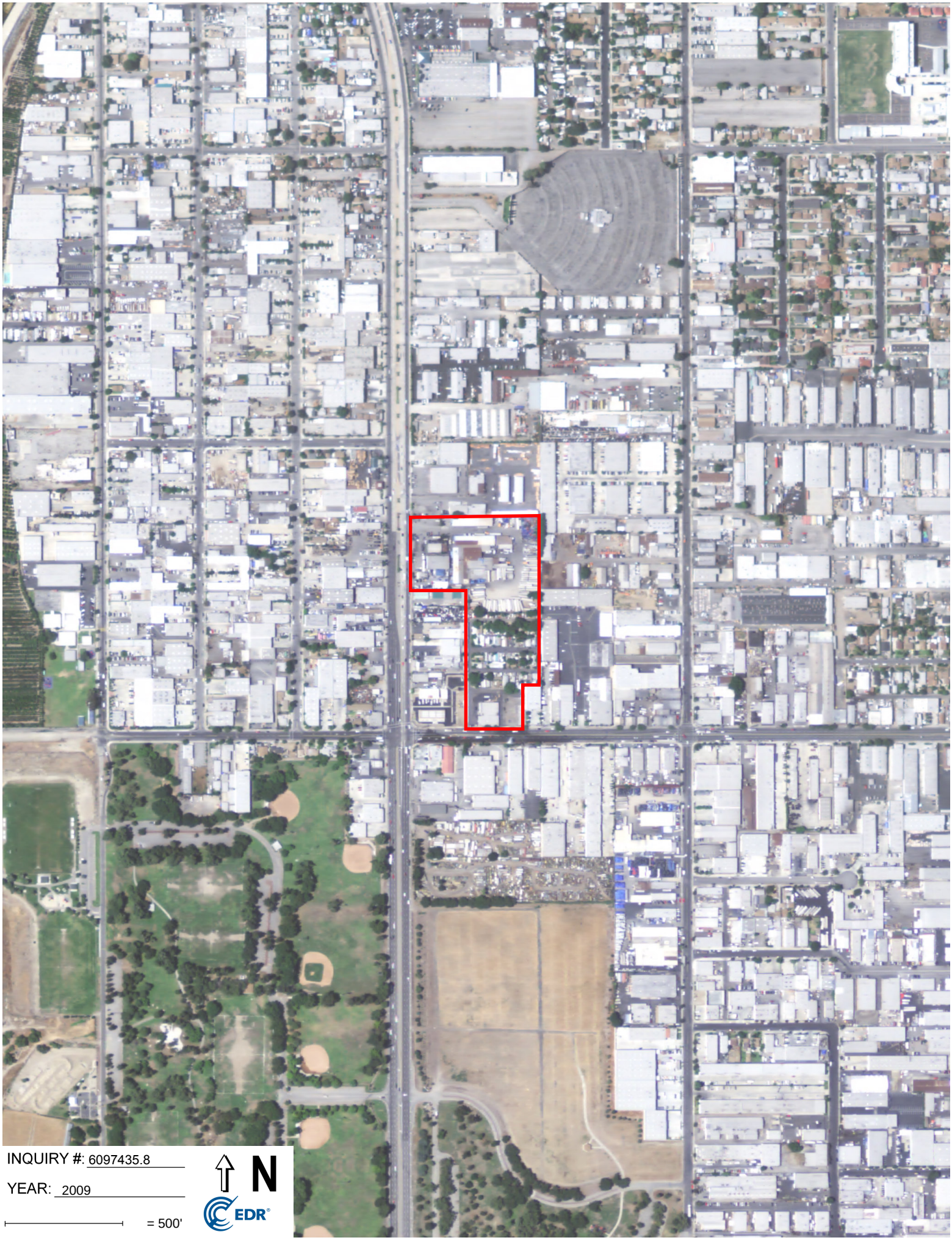
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

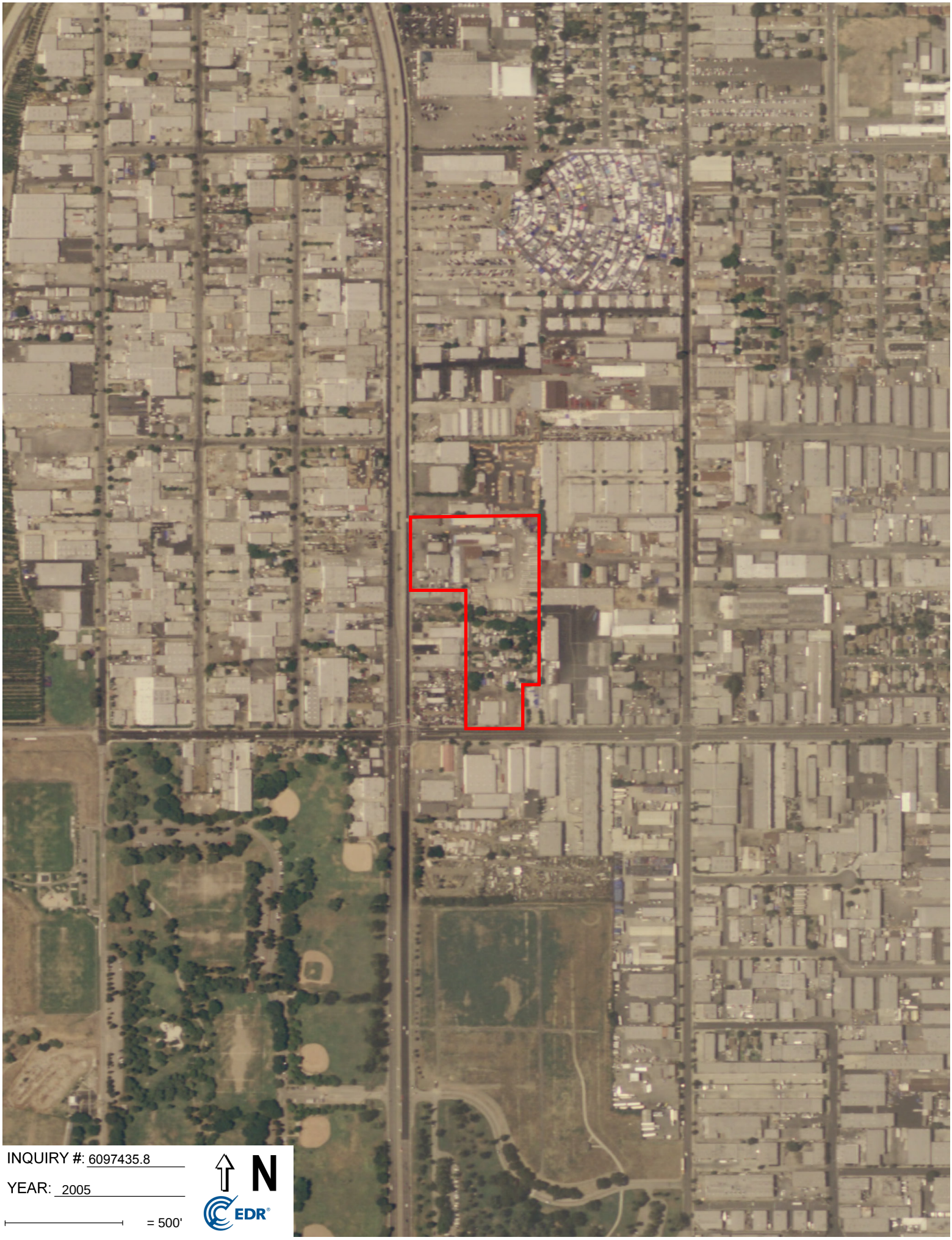
Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

INQUIRY #: 6097435.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 6097435.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6097435.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6097435.8
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 6097435.8
YEAR: 2002
= 500'
N
EDR

INQUIRY #: 6097435.8
YEAR: 1994
= 500'
N
EDR

INQUIRY #: 6097435.8
YEAR: 1989
= 500'
N
EDR

INQUIRY #: 6097435.8

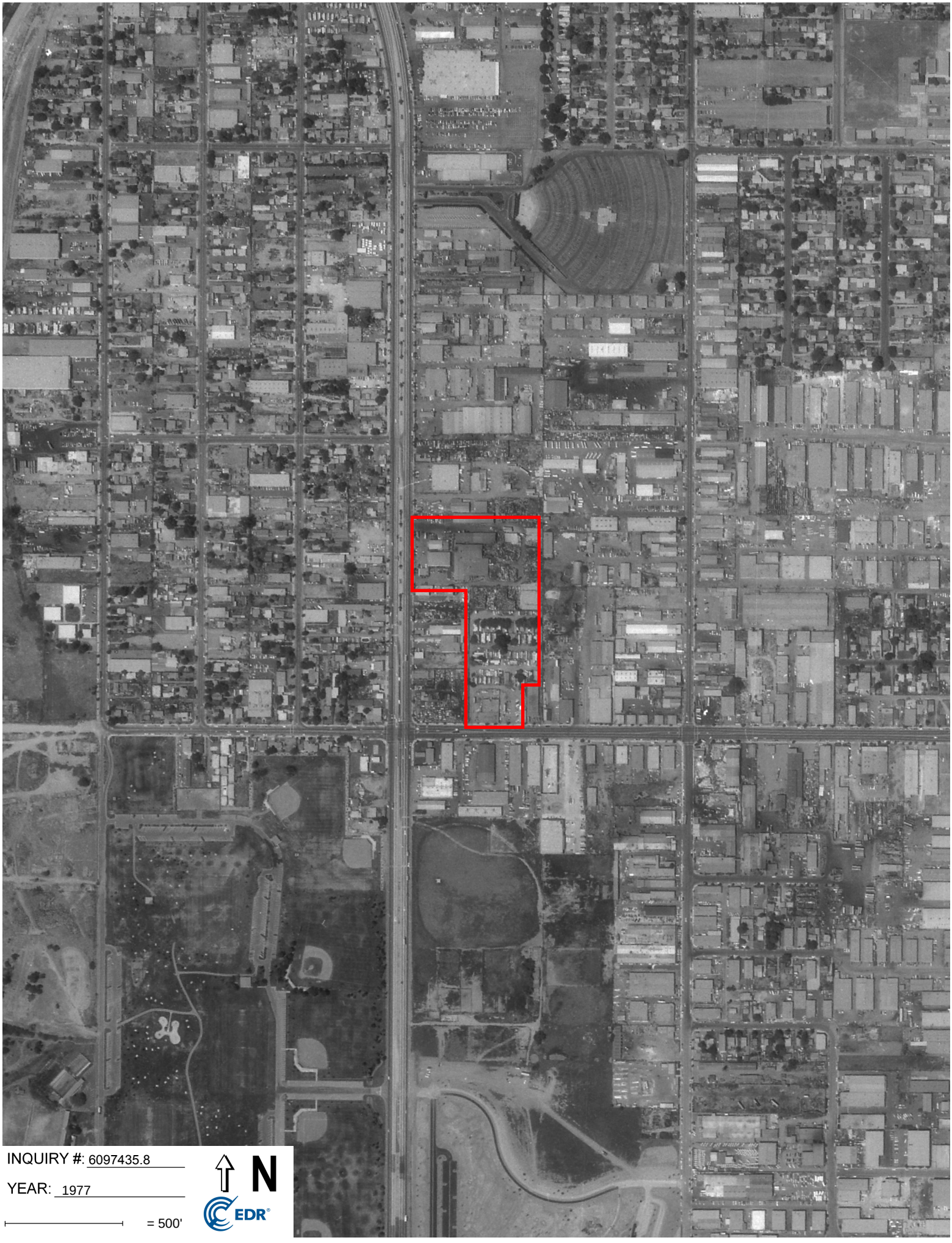
YEAR: 1983

= 500'

N

EDR

INQUIRY #: 6097435.8
YEAR: 1979
= 500'
N
EDR


INQUIRY #: 6097435.8
YEAR: 1977
= 500'
N
EDR

INQUIRY #: 6097435.8

YEAR: 1964

= 500'

N

EDR

INQUIRY #: 6097435.8
YEAR: 1952
= 500'
N
EDR

INQUIRY #: 6097435.8

YEAR: 1948

= 500'

N

EDR

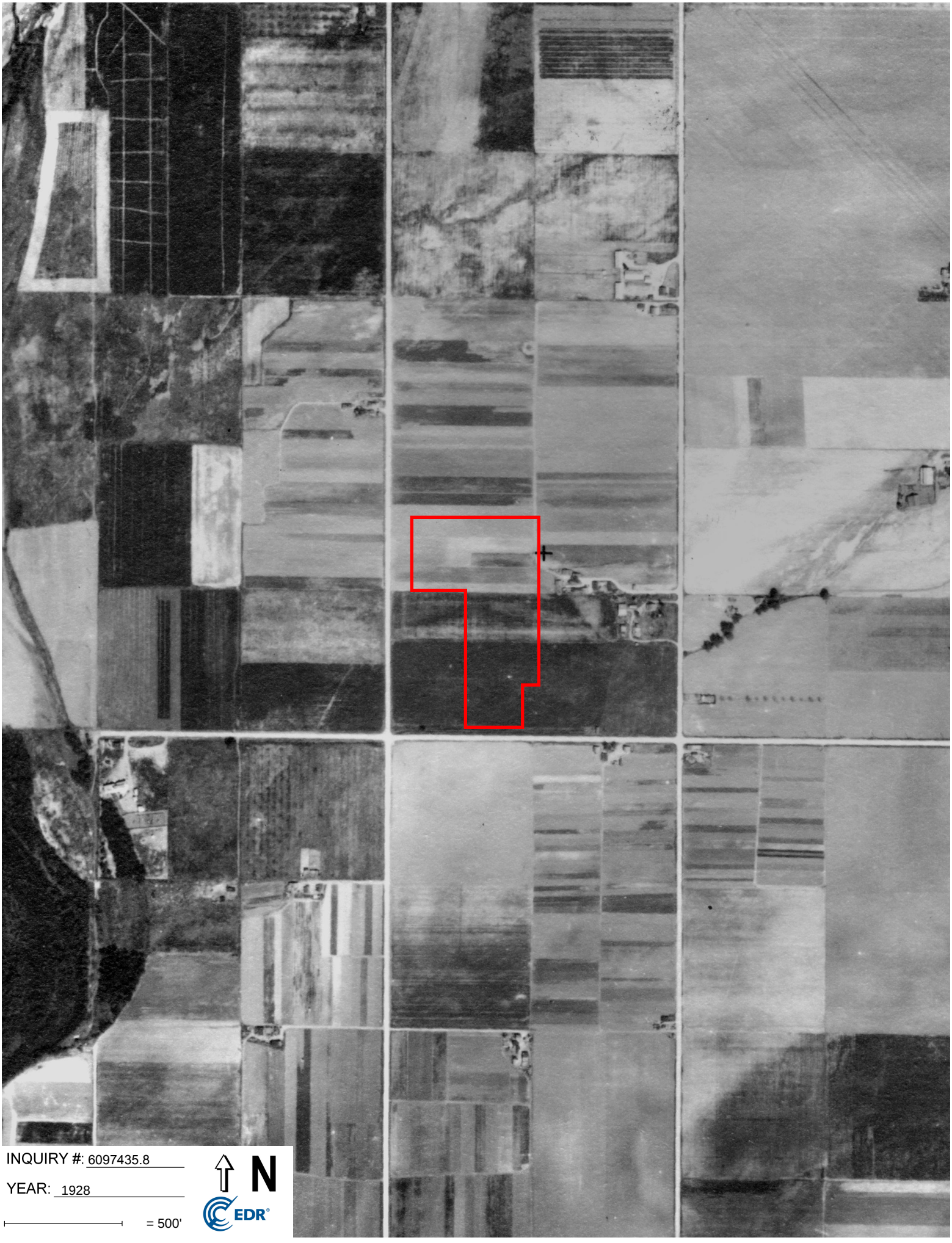
INQUIRY #: 6097435.8

YEAR: 1938

= 500'

N

EDR



INQUIRY #: 6097435.8

YEAR: 1928

= 500'

N

EDR

# APPENDIX C.3
# ABSTRACT OF CITY DIRECTORIES

**North Rosemead Blvd, Rust Street**

North Rosemead Blvd, Rust Street
South El Monte, CA 91733

Inquiry Number: 6097435.5
June 19, 2020

# The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

# TABLE OF CONTENTS

## SECTION

**Executive Summary**

**Findings**

**City Directory Images**

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

**Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

# EXECUTIVE SUMMARY

## DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

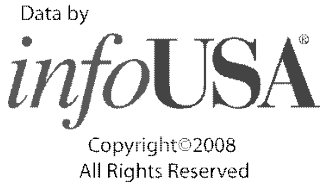
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

## RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.




Copyright©2008
All Rights Reserved

## RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

| Year | Source | TP | Adjoining | Text Abstract | Source Image |
|---|---|---|---|---|---|
| 2014 | Cole Information Services | X | X | X | - |
| 2009 | Cole Information Services | - | X | X | - |
| | Cole Information Services | X | X | X | - |
| 2006 | Haines Company | - | X | X | - |
| | Haines Company | X | X | X | - |
| 2004 | Cole Information Services | - | X | X | - |
| | Cole Information Services | X | X | X | - |
| | Haines Company | - | - | - | - |
| | Haines Company | X | - | X | - |
| 2003 | Haines & Company | - | - | - | - |
| 2001 | Haines & Company, Inc. | - | - | - | - |
| 2000 | Pacific Bell Telephone | - | - | - | - |

# EXECUTIVE SUMMARY

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

# EXECUTIVE SUMMARY

| Year | Source | TP | Adjoining | Text Abstract | Source Image |
|---|---|---|---|---|---|
| 1955 | R. L. Polk & Co. | - | - | - | - |
| 1954 | R. L. Polk & Co. | - | - | - | - |
| 1952 | Los Angeles Directory Co. | - | - | - | - |
| 1951 | Los Angeles Directory Co Publishers | - | - | - | - |
| 1950 | Pacific Telephone | - | X | X | - |
| 1949 | Los Angeles Directory Co. | - | - | - | - |
| 1948 | Los Angeles Directory Co. | - | - | - | - |
| 1947 | Pacific Directory Co. | - | - | - | - |
| 1946 | Southern California Telephone Co | - | - | - | - |
| 1945 | The Glendale Directory Co. | - | - | - | - |
| 1944 | R. L. Polk & Co. | - | - | - | - |
| 1942 | Los Angeles Directory Co. | - | - | - | - |
| 1940 | Los Angeles Directory Co. | - | - | - | - |
| 1939 | Los Angeles Directory Co. | - | - | - | - |
| 1938 | Los Angeles Directory Company Publishers | - | - | - | - |
| 1937 | Los Angeles Directory Co. | - | - | - | - |
| 1936 | Los Angeles Directory Co. | - | - | - | - |
| 1935 | Los Angeles Directory Co. | - | - | - | - |
| 1934 | Los Angeles Directory Co. | - | - | - | - |
| 1933 | Los Angeles Directory Co. | - | - | - | - |
| 1932 | Los Angeles Directory Co. | - | - | - | - |
| 1931 | Los Angeles Directory Company Publishers | - | - | - | - |
| 1930 | Los Angeles Directory Co. | - | - | - | - |
| 1929 | Los Angeles Directory Co. | - | - | - | - |
| 1928 | Los Angeles Directory Co. | - | - | - | - |
| 1927 | Los Angeles Directory Co. | - | - | - | - |
| 1926 | Los Angeles Directory Co. | - | - | - | - |
| 1925 | Los Angeles Directory Co. | - | - | - | - |
| 1924 | Los Angeles Directory Co. | - | - | - | - |
| 1923 | Los Angeles Directory Co. | - | - | - | - |
| 1921 | Los Angeles Directory Co. | - | - | - | - |
| 1920 | Los Angeles Directory Co. | - | - | - | - |

# EXECUTIVE SUMMARY

## SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

| *Address* | *Type* | *Findings* |
|---|---|---|
| 2200 N. Rosemead Blvd | Client Entered | X |
| 2212 N. Rosemead Blvd | Client Entered | |
| 2218 N. Rosemead Blvd | Client Entered | X |
| 2226 N. Rosemead Blvd | Client Entered | X |
| 9431 Rush st | Client Entered | X |
| 9427 Rush st | Client Entered | X |

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

North Rosemead Blvd, Rust Street
South El Monte, CA 91733

### FINDINGS DETAIL

Target Property research detail.

### N ROSEMEAD BLVD

#### 2200 N ROSEMEAD BLVD

| Year | Uses | Source |
|---|---|---|
| 1990 | GENE S COOPERAGE CO SOUTH EL MONTE | Pacific Bell |
| | GENESCO STEEL DRUM CO SOUTH EL MONTE | Pacific Bell |
| | PACIFIC COAST DRUM CO SOUTH EL MONTE | Pacific Bell |
| 1986 | GENES COOPERAGE CO SOUTH EL MONTE | Pacific Bell |
| | GENESCO STEEL DRUM CO SOUTH E MONTE | Pacific Bell |
| | PACIFIC COAST DRUM CO SOUTH EL MONTE | Pacific Bell |
| 1985 | GENES COOPERAGE CO | Pacific Bell |
| | GENESCO STEEL DRUM CO | Pacific Bell |
| | PAC COAST DRUM DBA GENE S COOPERAGE CO | Pacific Bell |
| 1981 | GENES COOPERAGE CO SOUTH EL MONTE | Pacific Telephone |
| | PACCIFC COAST DRUM CO SOUTH EL MONTE | Pacific Telephone |

#### 2218 N ROSEMEAD BLVD

| Year | Uses | Source |
|---|---|---|
| 1995 | ROSEMEAD TRUCK & TIRE REPAIR & SALES | Pacific Bell |
| 1986 | ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Bell |
| | VASILY SAM J ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Bell |
| | VASILY STANLEY ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Bell |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1985 | ROSEMEAD TRUCK TIRE REPAIR & SALES | Pacific Bell |
| 1981 | ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Telephone |
| | VASILY SAM J ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Telephone |
| | VASILY STANLEY ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Telephone |

## N. Rosemead Blvd

**2200 N. Rosemead Blvd**

| Year | Uses | Source |
|---|---|---|
| 2006 | CUSTOM | Haines Company |
| | FABRICATIONS | Haines Company |
| | JV AUTO SALES | Haines Company |
| | LOKWERKZ | Haines Company |
| 1990 | GENE S COOPERAGE CO SOUTH EL MONTE | Pacific Bell |
| | GENESCO STEEL DRUM CO SOUTH EL MONTE | Pacific Bell |
| | PACIFIC COAST DRUM CO SOUTH EL MONTE | Pacific Bell |
| 1986 | GENES COOPERAGE CO SOUTH EL MONTE | Pacific Bell |
| | GENESCO STEEL DRUM CO SOUTH E MONTE | Pacific Bell |
| | PACIFIC COAST DRUM CO SOUTH EL MONTE | Pacific Bell |
| 1985 | GENES COOPERAGE CO | Pacific Bell |
| | GENESCO STEEL DRUM CO | Pacific Bell |
| | PAC COAST DRUM DBA GENE S COOPERAGE CO | Pacific Bell |
| 1981 | GENES COOPERAGE CO SOUTH EL MONTE | Pacific Telephone |
| | PACCIFC COAST DRUM CO SOUTH EL MONTE | Pacific Telephone |

**2212 N. Rosemead Blvd**

| Year | Uses | Source |
|---|---|---|

**2218 N. Rosemead Blvd**

| Year | Uses | Source |
|---|---|---|
| 2006 | ATO TIRE CNTR | Haines Company |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2006 | ROSEMDTRUCK& | Haines Company |
| 1995 | ROSEMEAD TRUCK & TIRE REPAIR & SALES | Pacific Bell |
| 1986 | ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Bell |
| | VASILY SAM J ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Bell |
| | VASILY STANLEY ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Bell |
| 1985 | ROSEMEAD TRUCK TIRE REPAIR & SALES | Pacific Bell |
| 1981 | ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Telephone |
| | VASILY SAM J ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Telephone |
| | VASILY STANLEY ROSEMEAD TRUCK TIRE REPAIR & SALES SOUTH EL MONTE | Pacific Telephone |

**2226 N. Rosemead Blvd**

| Year | Uses | Source |
|---|---|---|
| 2006 | DITTY CONTAINER | Haines Company |
| | INC DITTY CONTAINER | Haines Company |

## RUSH ST

**9427 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | ALMARAZ GABRIELA | Cole Information Services |
| | ANGELICA SANSONETTI | Cole Information Services |
| | ARROYO JAVIER | Cole Information Services |
| | BRIGIDA TELLO | Cole Information Services |
| | DEANA WENCES | Cole Information Services |
| | E QUINONES | Cole Information Services |
| | ELISEO RAYGOZA | Cole Information Services |
| | ENRIQUE MAYA | Cole Information Services |
| | ERIKA ABARCA | Cole Information Services |
| | G MOI | Cole Information Services |
| | HECTOR FALCON | Cole Information Services |
| | HECTOR OCHOA | Cole Information Services |
| | JOAQUIN REZA | Cole Information Services |
| | JUAN CASILLAS | Cole Information Services |
| | JULIAN PADILLA | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2014 | LUIS VASQUEZ | Cole Information Services |
| | MARTHA AMEZOLA | Cole Information Services |
| | OCTAVIO RODRIGUEZ | Cole Information Services |
| | OLGA CERVANTES | Cole Information Services |
| | PABLO RAMIREZ | Cole Information Services |
| | PRAJEDES TORRES | Cole Information Services |
| | QUINONEZ ERIKA | Cole Information Services |
| | ROSAUR CARRILLO | Cole Information Services |
| | ROSSANA TALAVERA | Cole Information Services |
| | VICTOR MANZO | Cole Information Services |
| | VICTORIN DUARTE | Cole Information Services |
| 2009 | ANA AVALOS | Cole Information Services |
| | ANGELICA SANSONETTE | Cole Information Services |
| | ARLENE TREJO | Cole Information Services |
| | BENEDICTA GOMEZ | Cole Information Services |
| | BERTHA CHAPINA | Cole Information Services |
| | BRIGIDA TELLO | Cole Information Services |
| | CECILIA TREJO | Cole Information Services |
| | ELISEO RAYGOZA | Cole Information Services |
| | ENRIQUE ROBLES | Cole Information Services |
| | ERIKA ABARCA | Cole Information Services |
| | FIDENCIA REZA | Cole Information Services |
| | FLORIBERTO ZIRANDA | Cole Information Services |
| | GABRIELA ALMARAZ | Cole Information Services |
| | GISELA QUINONEZ | Cole Information Services |
| | HECTOR FALCON | Cole Information Services |
| | HECTOR OCHOA | Cole Information Services |
| | HECTOR VALENCIA | Cole Information Services |
| | ISMAEL INOHOSA | Cole Information Services |
| | JAIME TREJO | Cole Information Services |
| | JOAQUIN REZA | Cole Information Services |
| | JOSE GUTIERREZ | Cole Information Services |
| | JOSE TALAVERA | Cole Information Services |
| | JUANA PINEDO | Cole Information Services |
| | JULIAN RAMIREZ | Cole Information Services |
| | LEASA MANZO | Cole Information Services |
| | MARIA CARMONA | Cole Information Services |
| | MARIA GARCIA | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2009 | MARIA RAMOS | Cole Information Services |
| | MARICELA CAZAREZ | Cole Information Services |
| | MARTHA AMEZOLA | Cole Information Services |
| | MARTHA PORTILLO | Cole Information Services |
| | NETWORK PROVIDERS FOR HOME HEALTH IN | Cole Information Services |
| | OCTAVIO RODRIGUEZ | Cole Information Services |
| | OLGA CERVANTES | Cole Information Services |
| | OMAR CASTRO | Cole Information Services |
| | PETRONILA ESTRADA | Cole Information Services |
| | PRAJEDES TORRES | Cole Information Services |
| | RAQUEL BEDOY | Cole Information Services |
| | RAUL MEJIA | Cole Information Services |
| | ROBERTO WENCES | Cole Information Services |
| | ROBLES MARIA | Cole Information Services |
| | ROSA FIGUEROA | Cole Information Services |
| | ROSAUR CARRILLO | Cole Information Services |
| | VICTORINA DUARTE | Cole Information Services |

## Rush st

**9427 Rush st**

| Year | Uses | Source |
|---|---|---|
| 2006 | AMEZOLA Martha | Haines Company |
| | APARTMENTS ALMARAZ Gabriela | Haines Company |
| | CARRILLORosaura | Haines Company |
| | CAZAREZMadricela | Haines Company |
| | DUARTEVictordna | Haines Company |
| | ESTRADAPelronila | Haines Company |
| | FIGUEROARosa | Haines Company |
| | FRANCISCO Marda | Haines Company |
| | GUTIERREZJose | Haines Company |
| | MANZO Leasa S | Haines Company |
| | RAMIREZ Elizabeth | Haines Company |
| | RAMIREZ Jullan | Haines Company |
| | RAMOS Mada Rosa | Haines Company |
| | RAYGOZA Eliclo | Haines Company |
| | ROBLES Endque | Haines Company |
| | RODRIGUEZ Lucia | Haines Company |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2006 | RODRIGUEZOctavlo | Haines Company |
| | TELLOBrdgida | Haines Company |
| | TORRES Prajedes | Haines Company |
| | TREJOYackz | Haines Company |

## RUSH ST

### 9427 RUSH ST

| Year | Uses | Source |
|---|---|---|
| 2004 | ADY ESTRADA | Cole Information Services |
| | ANGELICA VALDOVINOS | Cole Information Services |
| | ANSELMO PRECIADO | Cole Information Services |
| | BENEDICTA GOMEZ | Cole Information Services |
| | BERTHA CHAPINA | Cole Information Services |
| | BRIGIDA TELLO | Cole Information Services |
| | ELICIO RAYGOZA | Cole Information Services |
| | ENRIQUE ROBLES | Cole Information Services |
| | HECTOR FALCON | Cole Information Services |
| | HECTOR OCHOA | Cole Information Services |
| | I CHAVEZ | Cole Information Services |
| | ISMAEL INOHOSA | Cole Information Services |
| | JAIME DELACRUZ | Cole Information Services |
| | JOAQUIN REZA | Cole Information Services |
| | JOSE DELEYVA | Cole Information Services |
| | JOSE GUTIERREZ | Cole Information Services |
| | JOSE RAMIREZ | Cole Information Services |
| | LUCIA RODRIGUEZ | Cole Information Services |
| | MARIA ALMARAZ | Cole Information Services |
| | MARIA RAMOS | Cole Information Services |
| | MARICELA CAZAREZ | Cole Information Services |
| | MARTIN DIAZ | Cole Information Services |
| | NICOLAS MARTINEZ | Cole Information Services |
| | OCTAVIO RODRIGUEZ | Cole Information Services |
| | PEDRO TORRES | Cole Information Services |
| | PRAJEDES TORRES | Cole Information Services |
| | RAMIREZ ELIZABETH | Cole Information Services |
| | REYNA ESPINOZA | Cole Information Services |
| 1999 | ALEX CAMIOS | Cole Information Services |
| | ALEX CAMPOS | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1999 | ANA AVALOS | Cole Information Services |
| | ARLENE TREJO | Cole Information Services |
| | BENEDICTA GOMEZ | Cole Information Services |
| | BERTHA CHAPINA | Cole Information Services |
| | BRIGIDA TELLO | Cole Information Services |
| | CECILIA TREJO | Cole Information Services |
| | ELISEO RAYGOZA | Cole Information Services |
| | ERIKA ABARCA | Cole Information Services |
| | FIDENCIA REZA | Cole Information Services |
| | FLORIBERTO ZIRANDA | Cole Information Services |
| | GABRIELA ALMARAZ | Cole Information Services |
| | GISELA QUINONEZ | Cole Information Services |
| | HECTOR FALCON | Cole Information Services |
| | HECTOR VALENCIA | Cole Information Services |
| | ISMAEL INOHOSA | Cole Information Services |
| | JAIME TREJO | Cole Information Services |
| | JOAQUIN REZA | Cole Information Services |
| | JORGE MARTINEZ | Cole Information Services |
| | JOSE GUTIERREZ | Cole Information Services |
| | JOSE TALAVERA | Cole Information Services |
| | JUANA PINEDO | Cole Information Services |
| | JULIAN RAMIREZ | Cole Information Services |
| | MARIA GARCIA | Cole Information Services |
| | MARIA RAMOS | Cole Information Services |
| | MARIO RODRIGUEZ | Cole Information Services |
| | MARTHA AMEZOLA | Cole Information Services |
| | MARTHA PORTILLO | Cole Information Services |
| | OLGA CERVANTES | Cole Information Services |
| | PETRONILA ESTRADA | Cole Information Services |
| | PRAJEDES TORRES | Cole Information Services |
| | RAQUEL BEDOY | Cole Information Services |
| | RAUL MEJIA | Cole Information Services |
| | ROBERTO WENCES | Cole Information Services |
| | ROSA FIGUEROA | Cole Information Services |
| | S MARISCAL | Cole Information Services |
| | VICTORINA DUARTE | Cole Information Services |

# FINDINGS

## Rush st

**9427 Rush st**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1995 | ACEVEDO TERESA MARIA | Pacific Bell |
| | AMEZOLA ALICIA | Pacific Bell |
| | AVILAMARIA | Pacific Bell |
| | BARRAZA MEZA FERNANDO | Pacific Bell |
| | ENCISO PEDRO | Pacific Bell |
| | FLORA ROZEL | Pacific Bell |
| | GARCIA FERNANDO | Pacific Bell |
| | HERAS AVITIA RAMON | Pacific Bell |
| | LOMELI JOSE A | Pacific Bell |
| | MUNOZEVA | Pacific Bell |
| | NAVARRO AURORA C | Pacific Bell |
| | SANCHEZ JOSE | Pacific Bell |
| | SHOW HAROLD | Pacific Bell |
| | TELLO BRIGLDA | Pacific Bell |
| | TORRES PRAJEDES | Pacific Bell |
| 1985 | ALEGRIA MARCELINO | Pacific Bell |
| | AMAYA JOSEFINA | Pacific Bell |
| | AREBALO THOMAS | Pacific Bell |
| | ENCISO PEDRO | Pacific Bell |
| | FERGUESON ANDREW J | Pacific Bell |
| | FLORA ROZEL | Pacific Bell |
| | GARCIA ROBERTO | Pacific Bell |
| | GRAY R J | Pacific Bell |
| | HENDERSON ROY L | Pacific Bell |
| | NUNEZ BENJAMIN | Pacific Bell |
| | PICHARDO LAURA | Pacific Bell |
| | QUIONONES EDW | Pacific Bell |
| | SANCHEZ JOSE | Pacific Bell |
| | SHAW HAROLD | Pacific Bell |
| | SHORTER LARNELL | Pacific Bell |
| | TORRES PRAJEDES | Pacific Bell |
| 1980 | ARIZMENDI ABELARDO RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | DELGADILLO JOSE RUSH ST SOUTH EL MONTE | Pacific Telephone |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1980 | ELDER JAMES RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | FERGUESON ANDREW J RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | FLORA ROZEL RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | GARCIA ARMANDO ROBLES RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | GARCIA FRANCISCO SALVADOR RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | GARCIA ROBERTO RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | GODINEZ ESTHER M RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | GRAY R J RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | GULLY ROBERT C RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | HENDERSON ROY L RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | HINOSTRO CAROL M RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | NUNEZ BENJAMIN RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | PADILLA ALVARO H RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | QUINONEZ SEUSO RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | STEWART EDW C RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | TORRES PRAJEDES RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | WEST E L RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | CONANT ELSIE CERAMCS | Pacific Telephone |
| | ELDER JAS | Pacific Telephone |
| | FEASEL SANDRA | Pacific Telephone |
| | FERGUESON ANDREW J | Pacific Telephone |
| | GRESKO J | Pacific Telephone |
| | HENDERSON ROY L | Pacific Telephone |
| | PADILLA ALVARO LOUVET | Pacific Telephone |
| | RAMOS JOHN B | Pacific Telephone |
| | RENAUD FREDDA | Pacific Telephone |
| | STEWART EDW C | Pacific Telephone |
| | THOMAS VIVIAN R | Pacific Telephone |
| | WEST E L | Pacific Telephone |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1966 | BILLINGS EDW J | Pacific Telephone |
| | CAMPBELL JAS E | Pacific Telephone |
| | CONANT ELSIE CERAMCS | Pacific Telephone |
| | COX ROY A | Pacific Telephone |
| | COX RUTH | Pacific Telephone |
| | DURAN MANUELA | Pacific Telephone |
| | DURAN NELLIE | Pacific Telephone |
| | FARRELL SALLY ANN | Pacific Telephone |
| | FERGUESON ANDREW J | Pacific Telephone |
| | GALINDO MARCOS R | Pacific Telephone |
| | HALL RAYMOND A | Pacific Telephone |
| | HENDERSON L | Pacific Telephone |
| | HULSEY JENENE A | Pacific Telephone |
| | HULSEY KENNETH R | Pacific Telephone |
| | MCKINNIS O D | Pacific Telephone |
| | MUNDY RICHARD E | Pacific Telephone |
| | REEVES EDW J | Pacific Telephone |
| | SNYDER LLOYD D | Pacific Telephone |
| | TAYLOR ELWOOD A | Pacific Telephone |
| | THOMAS VIVIAN R | Pacific Telephone |
| | YOUNG JESSE A | Pacific Telephone |
| 1960 | CLAYTON MELVIN | Pacific Telephone |
| | CONANT ELSIE CERAMCS | Pacific Telephone |
| | MOORHEAD DE WAYNE MRS | Pacific Telephone |
| | NOLTE MILTON A | Pacific Telephone |
| | REEVES EDW J | Pacific Telephone |
| | REYNOLDS CHAS B | Pacific Telephone |
| | ROWE W W | Pacific Telephone |
| 1957 | CONANT ELSIE CERAMCS | Pacific Telephone |
| | GROSS JOHN G | Pacific Telephone |
| | LUCKINBILL GERALDINE | Pacific Telephone |
| | REEVES EDW J | Pacific Telephone |
| | SCOTT JAS E | Pacific Telephone |

## RUSH ST

**9431 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | AQUADEW INC | Cole Information Services |

| Year | Uses | Source |
|---|---|---|
| 2014 | BE NEW INC AMERICAN DESIGN | Cole Information Services |

## Rush st

**9431 Rush st**

| Year | Uses | Source |
|---|---|---|
| 2006 | AQUADEWINC | Haines Company |
| | SMILE FASHION | Haines Company |

## RUSH ST

**9431 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2004 | AQUA DEW | Cole Information Services |
| | SMILE FASHION | Cole Information Services |
| 1999 | SEAN XIJX FASHION INN | Cole Information Services |

## Rush st

**9431 Rush st**

| Year | Uses | Source |
|---|---|---|
| 1995 | ACCENT WOOD PRODUCTS | Pacific Bell |
| | F & S FRAMES | Pacific Bell |
| | SMITH RAY REALTY | Pacific Bell |

## RUSH ST

**9431 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1994 | ACCENT WOOD PRODUCTS | Cole Information Services |
| | F & S FRAMES | Cole Information Services |
| | RAY SMITH REALTY | Cole Information Services |

## Rush st

**9431 Rush st**

| Year | Uses | Source |
|---|---|---|
| 1985 | D & L WOODWORKING | Pacific Bell |
| | F & S FRAMES | Pacific Bell |
| 1980 | F & S FRAMES RUSH ST SOUTH EL MONTE | Pacific Telephone |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1966 | MEADOW WASH INC | Pacific Telephone |

# FINDINGS

## ADJOINING PROPERTY DETAIL

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

## N ROSEMEAD BLVD

### 2104 N ROSEMEAD BLVD

| Year | Uses | Source |
|---|---|---|
| 1990 | ADVANCE HARDWARE & BUILDERS SUPPLY SOUTH EL MONTE | Pacific Bell |
| 1986 | ADVANCE HARDWARE & BUILDERS SUPPLY SOUTH EL MONTE | Pacific Bell |
| 1985 | ADVANCE HARDWARE & BUILDERS SUPPLY | Pacific Bell |
| 1975 | ADVANCE HARDWARE & BUILDERS SUPPLY | Pacific Telephone |

### 2113 N ROSEMEAD BLVD

| Year | Uses | Source |
|---|---|---|
| 1995 | VALLEY HOBBY CENTER | Pacific Bell |
| 1986 | TOOLS & PARTS SERVICE INC SOUTH EL MONTE | Pacific Bell |
| 1985 | BUD S TOOL SUPPLY INC | Pacific Bell |
| 1981 | TOOLS & PARTS SERVICE INC SOUTH EL MONTE | Pacific Telephone |

### 2121 N ROSEMEAD BLVD

| Year | Uses | Source |
|---|---|---|
| 1995 | I FUS AUTOSERVICE | Pacific Bell |
| 1985 | ADVANCE RADIATOR REPAIR | Pacific Bell |
| 1981 | JINX & BILL S AUTO SUPPLY SOUTH EL MONTE | Pacific Telephone |

### 2128 N ROSEMEAD BLVD

| Year | Uses | Source |
|---|---|---|
| 1986 | JOHN B MOORE CORP SOUTH EL MONTE | Pacific Bell |
| | JOHN B MOORE CORP SOUTH EL MONTE | Pacific Bell |
| 1985 | JOHN B MOORE CORP | Pacific Bell |
| 1981 | JOHN B MOORE CORP SOUTH EL MONTE | Pacific Telephone |

# FINDINGS

**2129 N ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 1995 | ROSEMEAD MACHINERY CO | Pacific Bell |
| 1985 | ROSEMEAD MACHINERY CO | Pacific Bell |
| 1981 | ROSEMEAD MACHINERY CO SOUTH EL MONTE | Pacific Telephone |

**2213 N ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 1990 | GRAYCON INC SOUTH EL MONTE | Pacific Bell |
| 1986 | GRAYCON INC SOUTH EL MONTE | Pacific Bell |
| 1985 | GRAYCON INC | Pacific Bell |

**2305 N ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 1995 | HAYDON JAMES L CPA | Pacific Bell |
| 1990 | HAYDON JAMES L CPA SOUTH EL MONTE | Pacific Bell |
| 1986 | HAYDON JAMES L CPA SOUTH EL MONTE | Pacific Bell |
| | HAYDON HEATH & CO CPA SOUTH EL MONTE | Pacific Bell |

**2320 N ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 1995 | M & W MANUFACTURING CO | Pacific Bell |
| 1990 | M & W MANUFACTURING CO SOUTH EL MONTE | Pacific Bell |
| | ALIBET INC SOUTH EL MONTE | Pacific Bell |
| 1986 | M & W MANUFACTURING CO SOUTH EL MONTE | Pacific Bell |
| 1985 | ALIBET INC | Pacific Bell |
| | M & W MANUFACTURING CO | Pacific Bell |
| | ALIBET INC | Pacific Bell |
| 1981 | M & W MANUFACTURING CO SOUTH EL MONTE | Pacific Telephone |
| 1976 | M & W Manufacturing Co | Pacific Telephone |

## ROSEMEAD BLVD

**1990 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | SOLAR SOLUTIONS 4U | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2014 | PACIFIX INTERNATIONAL | Cole Information Services |
| 2009 | CARIE FREIGHT INC | Cole Information Services |

**2003 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | MIKES LIQUOR | Cole Information Services |
| 2009 | MIKES LIQUOR | Cole Information Services |
| 2006 | MIKES LIQUOR | Haines Company |
| 1999 | MIKES LIQUOR | Cole Information Services |
| 1994 | MIKES LIQUOR | Cole Information Services |

**2004 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | AMPM | Cole Information Services |

**2005 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2009 | ONTIVEROS SOCCER SPORT | Cole Information Services |
| 2006 | ONTIVEROS | Haines Company |
| | SOCCER SPORT | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| 1999 | ONTIVEROS SOCCER SPORT | Cole Information Services |
| 1994 | ONTIVEROS SOCCER SPORT | Cole Information Services |
| | ONTIVEROS SCCR SPRT | Cole Information Services |

**2007 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | MARICELA ZEPEDA | Cole Information Services |
| 2009 | MARICELA ZEPEDA | Cole Information Services |
| 2006 | No Current Listing | Haines Company |
| 2004 | MARICELA ZEPEDA | Cole Information Services |
| 1999 | OCCUPANT UNKNOWN | Cole Information Services |
| | MARICELA ZEPEDA | Cole Information Services |

**2013 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2009 | ROYAL BLUEPRINT CO | Cole Information Services |
| 2006 | CO ROYAL BLUEPRINT | Haines Company |
| | ROYAL BLUEPRINT | Haines Company |
| 2004 | ROYAL BLUEPRINT CO | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1999 | ROYAL BLUEPRINT COMPANY | Cole Information Services |
| | ROYAL BLUEPRINT COMPANY | Cole Information Services |
| 1994 | ROYAL BLUEPRINT CO | Cole Information Services |

**2014 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2006 | RECYCLER | Haines Company |
| | ROSEM | Haines Company |
| 2004 | ROSEMEAD AUTO RECYCLER INC | Cole Information Services |
| 1999 | ILLINOIS AUTO WRECKING | Cole Information Services |
| 1994 | ILLINOIS AUTO WRECKING | Cole Information Services |
| | IL AUTO WRECKING | Cole Information Services |

**2019 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| 1999 | SIRUS AUTO WRECKING | Cole Information Services |
| 1994 | SIRUS AUTO WRECKING | Cole Information Services |

**2020 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | PHILS CERTIFIED AUTO CENTER | Cole Information Services |
| 2006 | PHILS CERTIFIED | Haines Company |
| | AUTO CENTER | Haines Company |
| 2004 | PHILLIP LUONG | Cole Information Services |
| | PHILS CERTIFIED AUTO CTR | Cole Information Services |
| 1999 | PHILS CERTIFIED AUTO CENTER | Cole Information Services |
| 1994 | ALL CARS AUTO GLASS | Cole Information Services |

**2023 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | ANGEL GALVEZ | Cole Information Services |

**2025 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | SALVADOR ORBE | Cole Information Services |
| 2009 | CARLOS CALDERON | Cole Information Services |
| 2006 | CALDERON Ana | Haines Company |
| 1994 | VELASQUEZ, FELIPE P | Cole Information Services |

# FINDINGS

**2027 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | TONYS MARKET | Cole Information Services |
| 2009 | TONYS MARKET | Cole Information Services |
| | IRELDA GALVEZ | Cole Information Services |
| 2006 | BILLS MARKET | Haines Company |
| 2004 | IRELDA GALVEZ | Cole Information Services |
| | TONYS MARKET | Cole Information Services |
| 1999 | IRELDA GALVEZ | Cole Information Services |
| | BILLS MARKET | Cole Information Services |
| 1994 | BILLS MARKET | Cole Information Services |

**2030 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | SPECIAL IRON SECURITY SYSTEMS | Cole Information Services |
| 2006 | SECURITY SYSTEMS SPECIAL IRON | Haines Company |
| | SECURITY SYSTEMS | Haines Company |
| | SPECIALIRON | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| | SPECIAL IRON SECURTIY SYSTEMS INC | Cole Information Services |
| 1999 | SPECIAL IRON SECURITY SYSTEMS | Cole Information Services |
| | SPECIAL IRON SECURITY SYSTEMS INCORPORATED | Cole Information Services |
| 1994 | SPECIAL IRON SECURITY SYSTEMS | Cole Information Services |

**2101 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2006 | CHAN Johnny | Haines Company |

**2102 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | ADVANCE HARDWARE & BUILDERS | Cole Information Services |
| 2009 | BURTON HAILPERIN | Cole Information Services |
| 2006 | No Current Listing | Haines Company |
| 2004 | BURTON HAILPERIN | Cole Information Services |
| 1999 | BURTON HAILPERIN | Cole Information Services |

**2104 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2009 | ADVANCE HARDWARE & BUILDERS SUPPLY I | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2009 | ADVANCED WINDOWS & DOORS | Cole Information Services |
| 2006 | HARDWARE& | Haines Company |
| | BUILDERS ADVANCE | Haines Company |
| | HARDWARES | Haines Company |
| | WINDOWS & DOORS | Haines Company |
| | ADVANCE | Haines Company |
| | BUILDERS ADVANCED | Haines Company |
| 2004 | ADVANCE HARDWARE | Cole Information Services |
| | ADVANCED WINDOWS & DOORS | Cole Information Services |
| 1999 | ADVANCE HARDWARE & BUILDERS SUPPLY | Cole Information Services |
| 1994 | ADVANCE HDWR & BUILDERS SUPPLY | Cole Information Services |

**2107 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2009 | PACIFIC GROUP U S A | Cole Information Services |
| 2006 | PAC GROUP USA | Haines Company |
| 2004 | GOLDEN PACIFIC GROUP INC | Cole Information Services |
| | OCCUPANT UNKNOWN | Cole Information Services |
| | PACIFIC GROUP USA | Cole Information Services |
| 1999 | LASPRINGS INCORPORATED | Cole Information Services |
| 1994 | HARVEYTEX INC | Cole Information Services |

**2112 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | BACHMANN PRECISION MACHINE PRODUCTS | Cole Information Services |
| 2009 | BACHMANN PRECISION MACHINE PRODUCTS | Cole Information Services |
| 2006 | BACHMANNPRCSN | Haines Company |
| | MACH BATTERY MASTER | Haines Company |
| | EXCEL INC | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| | BATTERY MASTER | Cole Information Services |
| 1999 | BATTERY MASTER | Cole Information Services |
| | BACHMANN PRECISION MACHINE PRODUCTS INCORPORATED | Cole Information Services |
| | EXCEL INCORPORATED | Cole Information Services |
| 1994 | BATTERY MASTER | Cole Information Services |
| | EXCEL CORP | Cole Information Services |
| | BACHMANN PRECISION MACHINE | Cole Information Services |

| Year | Uses | Source |
|---|---|---|
| 1994 | BATTERY, MASTER | Cole Information Services |
| 1980 | POWER TRANSMISSION INDUSTRIES INC DIV OF KING BEARING INC ROSEMEAD BLVD SO | Pacific Telephone |

**2113 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | DOCTOR HONDA | Cole Information Services |
| 2009 | KIM SES AUTO SALES | Cole Information Services |
| 2006 | DOCTORHONDA | Haines Company |
| 2004 | KIM THOR | Cole Information Services |
| 1999 | VALLEY HOBBY CENTER | Cole Information Services |
| | JUST COOKEN | Cole Information Services |
| 1994 | VALLEY HOBBY CTR | Cole Information Services |

**2115 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2009 | DR HONDA | Cole Information Services |
| 2004 | DR HONDA | Cole Information Services |
| 1999 | N G M BODY SHOP | Cole Information Services |
| | DOCTOR HONDA | Cole Information Services |
| | NINJA AUTO BODY & REPAIR | Cole Information Services |
| 1950 | QUICK BEN G R | Pacific Telephone |

**2117 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2004 | GILMAR COELHO | Cole Information Services |
| 1999 | OCCUPANT UNKNOWN | Cole Information Services |

**2119 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | KIMSES AUTO | Cole Information Services |
| 2006 | NICEAPPLIANCES | Haines Company |
| 2004 | JUANA COELO | Cole Information Services |
| | NICE APPLIANCES | Cole Information Services |
| 1999 | NICE APPLIANCES | Cole Information Services |
| 1994 | NICE APPLIANCES | Cole Information Services |

**2120 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | ST AUTO SALVAGE | Cole Information Services |

| Year | Uses | Source |
|---|---|---|
| 2009 | ROSEMEAD AUTO RECYCLER INC | Cole Information Services |
| 1994 | B&V AUTO SALVAGE | Cole Information Services |

**2121 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | LA AUTO SOLUTION | Cole Information Services |
| 2009 | LONGS AUTO COLLISION INC | Cole Information Services |
| 2006 | SC PCS | Haines Company |
| | FUTUREKIDSOF | Haines Company |
| | WALNUT | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| 1999 | LONGS AUTO GLASS | Cole Information Services |
| | LONGS AUTO COLLISION | Cole Information Services |
| | CYBER SCHOOL | Cole Information Services |
| 1994 | FU SING AUTO SERV | Cole Information Services |

**2126 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2006 | MARBLE | Haines Company |
| | TNTCARPETTILE& | Haines Company |
| 1950 | PERLOW SAML | Pacific Telephone |
| | TRACHT HERMAN MFRS METAL SPCLTES | Pacific Telephone |

**2128 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2009 | TNT CARPET TILE MARBLE INC | Cole Information Services |
| 2004 | VAN TU | Cole Information Services |
| | TNT CARPET TILE & MARBLE | Cole Information Services |
| 1999 | TNT CARPET TILE MARBLE | Cole Information Services |
| 1994 | CALSUN | Cole Information Services |
| | GMW PAC MATERIAL INC | Cole Information Services |

**2129 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | JR INTERNATIONAL INC | Cole Information Services |
| 2009 | ROSEMEAD MACHINERY CO | Cole Information Services |
| 2006 | EQUIPMENT CO INC WALKER | Haines Company |
| | WALKER | Haines Company |
| | EQUIPMENT CO INC | Haines Company |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2004 | THOMAS WALKER | Cole Information Services |
| | WALKER EQUIPMENT CO | Cole Information Services |
| 1999 | WALKER EQUIPMENT COMPANY INCORPORATED | Cole Information Services |
| 1994 | ROSEMEAD MACHINERY CO | Cole Information Services |
| 1950 | SALGADO PERFECTO R | Pacific Telephone |

**2139 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 1950 | ROYAL CALIF POTTERY | Pacific Telephone |

**2140 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 1950 | CHEVONSHIRE FARM GOAT DAIRY | Pacific Telephone |
| | PEEL IRA D CHEVONSHIRE FARM | Pacific Telephone |

**2151 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 1950 | TRAVIS J S R | Pacific Telephone |

**2200 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | RANZ MOTORSPORTS | Cole Information Services |
| | RANZ MOTORSPORTS | Cole Information Services |
| 2009 | LOKWERKZ CUSTOM FABRICATIONS | Cole Information Services |
| | PHILS CERTIFIED AUTO CENTER | Cole Information Services |
| | LOKWERKZ CUSTOM FABRICATIONS | Cole Information Services |
| | PHILS CERTIFIED AUTO CENTER | Cole Information Services |
| 2006 | JV AUTO SALES | Haines Company |
| | LOKWERKZ | Haines Company |
| | CUSTOM | Haines Company |
| | FABRICATIONS | Haines Company |
| 2004 | CERTIFIED AUTO COLLISION INC | Cole Information Services |
| | CERTIFIED AUTO COLLISION INC | Cole Information Services |
| 1999 | A & D AUTO BODY INCORPORATED | Cole Information Services |
| | V UNITED AUTO TRANSPORT INCORPORATED | Cole Information Services |
| | CERTIFIED AUTO COLLISION | Cole Information Services |
| | A & D AUTO BODY INCORPORATED | Cole Information Services |
| | V UNITED AUTO TRANSPORT INCORPORATED | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1999 | CERTIFIED AUTO COLLISION | Cole Information Services |
| 1994 | GENESCO STEEL DRUM CO | Cole Information Services |

**2207 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | HIGHWAY MACHINERY INC | Cole Information Services |
| 2009 | HIGHWAY MACHINERY INC | Cole Information Services |
| 2006 | MACHINERY INC | Haines Company |
| | HIGHWAY | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| | HIGHWAY MACHINERY INC | Cole Information Services |
| 1994 | KEMP, WILLIAM J SR | Cole Information Services |

**2213 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | MISSION PAVING & SEALING | Cole Information Services |
| | ASIA BUILDING SUPPLY INC | Cole Information Services |
| 2009 | MISSION PAVING & SEALING | Cole Information Services |
| 2006 | SEALING MISSION PAVING | Haines Company |
| | SEALING | Haines Company |
| | mission Lndscpng MISSION PAVING | Haines Company |
| | ANDREWS AAI | Haines Company |
| 1999 | GRAYCON INCORPORATED | Cole Information Services |
| 1994 | GRAYCON INC | Cole Information Services |

**2218 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | BJS TIRE SPOT | Cole Information Services |
| | BJS TIRE SPOT | Cole Information Services |
| 2006 | ROSEMDTRUCK& | Haines Company |
| | ATO TIRE CNTR | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| | BJ TIRE SPOT | Cole Information Services |
| | OCCUPANT UNKNOWN | Cole Information Services |
| | BJ TIRE SPOT | Cole Information Services |
| 1999 | ROSEMEAD TRUCK & AUTO TIRE CENTER | Cole Information Services |
| | ROSEMEAD TRUCK & AUTO TIRE CENTER | Cole Information Services |
| 1994 | ROSEMD TRK TIRE RPR | Cole Information Services |

# FINDINGS

**2226 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | DITTY CONTAINER INC | Cole Information Services |
| | DITTY CONTAINER INC | Cole Information Services |
| 2009 | DITTY CONTAINER INC | Cole Information Services |
| | DITTY CONTAINER INC | Cole Information Services |
| 2006 | DITTY CONTAINER | Haines Company |
| | INC DITTY CONTAINER | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| | OCCUPANT UNKNOWN | Cole Information Services |
| 1999 | DITTY CONTAINER INCORPORATED | Cole Information Services |
| | DITTY CONTAINER INCORPORATED | Cole Information Services |

**2231 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | ANDREW ANDREWS | Cole Information Services |
| 2009 | ANDREW ANDREWS | Cole Information Services |
| 1999 | ANDREW ANDREWS | Cole Information Services |

**2242 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 1999 | N F C BOLT INCORPORATED | Cole Information Services |

**2246 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | DIVERSIFY PROPERTY MANAGEMENT | Cole Information Services |

**2305 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | Q T AUTO REPAIR & SMOG | Cole Information Services |
| 2009 | Q T AUTO REPAIR & SMOG | Cole Information Services |
| | QT AUTO COLLISION CENTER | Cole Information Services |
| 2006 | QT AUTO REPAIRS | Haines Company |
| 2004 | JV AUTO SALES | Cole Information Services |
| 1999 | HAYDON JAMES L CPA | Cole Information Services |
| 1994 | JAMES L HAYDON | Cole Information Services |

**2310 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | ACE LUMBER & SUPPLY INC | Cole Information Services |
| 2009 | 168 ACE LUMBER CO INC | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2006 | SUPPLYINC | Haines Company |
| | ACE LUMBERS | Haines Company |
| 2004 | ACE LUMBER & SUPPLY | Cole Information Services |
| | OCCUPANT UNKNOWN | Cole Information Services |
| 1999 | ACE HARDWARE & LUMBER INCORPORATED 168 | Cole Information Services |

**2315 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | VEGACE SHOES | Cole Information Services |
| | BORIS SHOES | Cole Information Services |
| 2009 | VEGACE SHOES CORP | Cole Information Services |
| | BORIS SHOES CORP | Cole Information Services |
| 2006 | BORIS SHOES | Haines Company |
| | TANG Boris | Haines Company |
| | VEGACE SHOES | Haines Company |
| 2004 | FIVETOP SHOES INC | Cole Information Services |
| | BORIS SHOES CORP | Cole Information Services |
| | OCCUPANT UNKNOWN | Cole Information Services |
| 1999 | BORIS SHOES | Cole Information Services |
| | FIVETOP SHOES | Cole Information Services |
| | FIVE TOP SHOES | Cole Information Services |

**2317 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | LAS MARIAS PALLETS | Cole Information Services |
| 2009 | LAS MARIAS PALLETS | Cole Information Services |
| 2006 | LAS MARIAS | Haines Company |
| | PALLETS | Haines Company |
| 2004 | LAS MARIAS PALLETS | Cole Information Services |
| 1999 | LAS MARIAS PALLETS | Cole Information Services |
| 1994 | ROSEMEAD AUTO BODY & DETAIL | Cole Information Services |

**2318 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 1999 | M & W MANUFACTURING COMPANY | Cole Information Services |
| | DINOSAUR INCORPORATED | Cole Information Services |
| 1994 | LY, HONEY | Cole Information Services |
| | LY HONEY | Cole Information Services |
| | M & W MANUFACTURING CO | Cole Information Services |

# FINDINGS

**2320 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2006 | FASHION KINC | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| | ROSEMEAD FASHION INC | Cole Information Services |
| 1999 | M & W MANUFACTURING COMPANY | Cole Information Services |
| | UNITED COMPONENT INCORPORATED | Cole Information Services |
| 1994 | ALIBET INC | Cole Information Services |
| | M&W MANUFACTURNG CO | Cole Information Services |

**2321 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | OCCUPANT UNKNOWN | Cole Information Services |
| 2006 | No Current Listing | Haines Company |
| 2004 | ANDREA VASQUEZ | Cole Information Services |
| 1994 | MADERA, MARIA | Cole Information Services |

**2327 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | MARISCOS SAN ISIDRO MEXICAN RESTAU | Cole Information Services |
| 2009 | SAN ISIDRO MEXICAN RESTAURANT | Cole Information Services |
| 2006 | MEXICAN | Haines Company |
| | RESTAURANT | Haines Company |
| | SANISIDRO | Haines Company |
| 1999 | SAN ISIDRO MEXICAN RESTAURANT | Cole Information Services |

**2328 ROSEMEAD BLVD**

| Year | Uses | Source |
|---|---|---|
| 2014 | DDC PLUMBING SUPPLY | Cole Information Services |
| | DDC ELECTRIC SUPPLY INC | Cole Information Services |
| 2009 | DDC PLUMBING | Cole Information Services |
| 2006 | DDC ELECTRIC | Haines Company |
| | SUPPLYINC | Haines Company |
| 2004 | DAVID CHEE | Cole Information Services |
| | DCHK INTERNATIONAL | Cole Information Services |
| 1999 | SO CALIF IMPORT DISMANTLERS | Cole Information Services |
| 1994 | SOUTHERN CALIFORNIA IMPORT | Cole Information Services |

# FINDINGS

## RUSH

**9436 RUSH**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1990 | SECURITY PAPER TUBE INC SOUTH EL MONTE | Pacific Bell |

**9452 RUSH**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1986 | ASTRO SEAL INC SOUTH EL MONTE | Pacific Bell |

**9503 RUSH**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1990 | GLIMORE WELDING SUPPLIES SOUTH EL MONTE | Pacific Bell |
| | GILMORE LIQUID AIR CO NITROGN SOUTH EL MONTE | Pacific Bell |

**9506 RUSH**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1990 | BEARING HOUSE THE EL MONTE | Pacific Bell |

**9508 RUSH**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1986 | MURPHY MUFFLERS SOUTH EL MONTE | Pacific Bell |

**9510 RUSH**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1981 | VALLEY CITIES SUPPLY CO SOUTH EL MONTE | Pacific Telephone |

**9514 RUSH**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1990 | PACIFIC AUTO CO INC SOUTH EL MONTE | Pacific Bell |

**9515 RUSH**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 1981 | C & M SPRING ENGINEERING CO SOUTH EL MONTE | Pacific Telephone |

**9517 RUSH**

| Year | Uses | Source |
|---|---|---|
| 1981 | UNIVERSAL EXHIBITS SOUTH EL MONTE | Pacific Telephone |

## RUSH ST

**9403 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1960 | RYND S PAT UNION SERV | Pacific Telephone |

**9408 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1994 | PILAS UNION 76 | Cole Information Services |
| 1985 | PILA S UNION 76 SERVICE | Pacific Bell |
| 1980 | PILA S UNION 76 SERVICE RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | PEREZ UNION OIL SERVICE | Pacific Telephone |
| 1957 | GENE S UNION SERVICE | Pacific Telephone |

**9420 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2009 | SKYMART ENTERPRISES INC | Cole Information Services |
| 2006 | ENTERPRISES INC | Haines Company |
| | SKYMART | Haines Company |
| 2004 | SKYMART ENTERPRISES INC | Cole Information Services |
| | C CHEN | Cole Information Services |
| 1975 | P-Q MACHINERY CO THE | Pacific Telephone |
| 1966 | P-Q MACHINERY CO THE | Pacific Telephone |
| 1958 | Pacific Forging Die Co | Pacific Telephone |
| 1957 | PACOIMAFORGING DIE CO | Pacific Telephone |

**9422 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | ARTISTIC METAL | Cole Information Services |
| 2006 | DONKEE PRODUCTS | Haines Company |
| | WHOLESALE | Haines Company |
| | DONKEE PRODUCTS | Haines Company |
| 2004 | PROVIEW ENTERPRISE INC | Cole Information Services |
| | OCCUPANT UNKNOWN | Cole Information Services |
| | WHOLESALE DONKEE PRODUCTS INC | Cole Information Services |

# FINDINGS

**9424 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2009 | SOUTHPAW ELECTRIC SALES | Cole Information Services |
| | CIRCLE STAR PROMOTION INC | Cole Information Services |
| 2006 | AIRDODO | Haines Company |
| 2004 | HJ SPORTS CO | Cole Information Services |

**9436 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | MAXTRADE | Cole Information Services |
| 2009 | MAXTRADE | Cole Information Services |
| 2004 | STEWART CHANG | Cole Information Services |
| 1999 | CHANG S C INCORPORATED | Cole Information Services |
| | UNITED WHOLESALE GUMBALL | Cole Information Services |
| | HOVENIER & ASSOCIATES | Cole Information Services |
| 1994 | SECURITY PAPER TUBE INC | Cole Information Services |
| 1985 | SECURITY PAPER TUBE INC | Pacific Bell |
| 1980 | CONTINENTAL BAKING CO INC ITT | Pacific Telephone |
| | HOSTESS CAKE RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | ITT CORP | Pacific Telephone |
| | HOSTESS CAKE | Pacific Telephone |
| | CONTINENTAL BAKING CO INC ITT | Pacific Telephone |
| | ITT CORP CONTINENTAL BAKING CO INC | Pacific Telephone |

**9439 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1960 | ORNAMENTAL PRODUCTS CO | Pacific Telephone |
| 1957 | ORNAMENTAL PRODUCTS CO | Pacific Telephone |

**9444 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1995 | AB ORIENTAL TRADING CO | Pacific Bell |
| 1994 | MILLION INTERNATIONAL | Cole Information Services |
| | M P C CO | Cole Information Services |
| | A B ORIENTAL TRADNG | Cole Information Services |
| 1966 | CARNEY PAT | Pacific Telephone |
| | LACROSSE INTERNATL | Pacific Telephone |
| | LINDERMAN DONALD E GENL CONTR | Pacific Telephone |
| | SAVIANO ALFRED J GENL CONTR | Pacific Telephone |

| Year | Uses | Source |
|---|---|---|
| 1966 | WIRZ FRANK ENTERPRISES | Pacific Telephone |
| 1960 | FAIRFAX GRASS & CO CPAS | Pacific Telephone |
| | FAIRFAX WALTER J FAIRFAX GRESS & CO CPA S | Pacific Telephone |
| | SAVIANO ALFRED J GENL CONTR | Pacific Telephone |
| | CARNEY FRANCIS PATRICK | Pacific Telephone |

**9447 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2009 | AZPECA | Cole Information Services |
| 2006 | JOHN DOES | Haines Company |
| 2004 | JOHN DOES | Cole Information Services |
| | DOES JOHN | Cole Information Services |
| | CASA AZTECA BAR & GRILL | Cole Information Services |
| 1994 | JOHN DOES | Cole Information Services |
| 1985 | AUCTION BLOCK THE | Pacific Bell |
| 1980 | DEN THE RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | ROBINS DEN | Pacific Telephone |
| 1966 | ROBINS DEN | Pacific Telephone |

**9448 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | DEEAL INC | Cole Information Services |
| | RIDEMAX INC | Cole Information Services |
| 2009 | POWER SPORTS MAX | Cole Information Services |
| 2006 | AQUADEW | Haines Company |
| 2004 | JC QIANG INC | Cole Information Services |
| | KAN SAM | Cole Information Services |

**9452 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | XLJ GRANITE INTL INC | Cole Information Services |
| 2009 | MKPROMOTIONS | Cole Information Services |
| | N G SEWING INC | Cole Information Services |
| 2006 | NG SEWING INC | Haines Company |
| 1999 | GOLD PACIFIC SPORTSWEAR | Cole Information Services |
| | GOLD PACIFIC SPORTSWEAR INCORPORATED | Cole Information Services |
| 1994 | ASTRO SEAL INC | Cole Information Services |
| 1985 | ASTRO SEAL INC | Pacific Bell |

| Year | Uses | Source |
|---|---|---|
| 1985 | ASTRO SEAL INC | Pacific Bell |
| 1980 | ASTRO SEAL INC RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | ZAIC FRANK | Pacific Telephone |
| | ASTRO SEAL INC | Pacific Telephone |
| 1966 | DARYL INDUSTRIES OF CALIF INC | Pacific Telephone |
| 1960 | ROYAL JALOUSIE CO OF CALIF | Pacific Telephone |

**9457 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | TITAN ENTERPRISE INC | Cole Information Services |
| | MAXLAND INTERNATIONAL INC | Cole Information Services |
| 2009 | CARVON PACKAGING | Cole Information Services |
| | MAXLAND INTERNATIONAL INC | Cole Information Services |
| | TITAN AUTO LEASING | Cole Information Services |
| 2006 | INTERNATIONAL INC | Haines Company |
| | INTERNATIONAL INC MAXLAND | Haines Company |
| | MAXLAND | Haines Company |
| 2004 | CARVON PACKAGING INC | Cole Information Services |
| 1999 | CARVON TRADING CORPORATION | Cole Information Services |
| | MAXPORT INTERNATL | Cole Information Services |
| | YESPORTS PACKAGING COMPANY | Cole Information Services |
| | ROYAL AUTO LEASING | Cole Information Services |
| | CARVON PACKAGING COMPANY | Cole Information Services |
| | MAXLAND INTERNATIONL INCORPORATED | Cole Information Services |
| 1995 | CARVON TRADING CORP | Pacific Bell |
| | CARVEN PACKAGING CO | Pacific Bell |
| | 99AUTO LEASING SOUTH EL MONTE | Pacific Bell |
| | MAXPORT INTERNATL | Pacific Bell |
| | CARVON MARKETING INC | Pacific Bell |
| 1994 | CARVON TRADING | Cole Information Services |
| 1985 | ATLAS ENERGY SYSTEMS INC | Pacific Bell |
| 1980 | ATLAS ENERGY SYSTEMS INC RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | DOUGLAS INDUSTRIES INC POTTRY | Pacific Telephone |
| 1966 | DOUGLAS INDUSTRIES INC POTTRY SOUTH EL MONTE | Pacific Telephone |
| 1960 | DOUGLAS INDUSTRIES INC POTTRY | Pacific Telephone |
| 1958 | Douglas Industries Inc pottry | Pacific Telephone |

| Year | Uses | Source |
|---|---|---|
| 1957 | DOUGLAS INDUSTRIES INC POTTRY | Pacific Telephone |

**9501 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1966 | JAMISON STEEL CORP | Pacific Telephone |
| 1960 | JAMISON STEEL CORP | Pacific Telephone |

**9502 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | AGUSTIN LARA | Cole Information Services |
| 2009 | AGUSTIN LARA | Cole Information Services |
| 1999 | AGUSTIN LARA | Cole Information Services |

**9503 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | GILMORE LIQUID AIR CO NITROGN | Cole Information Services |
| | GILMORE WELDING SUPPLIES | Cole Information Services |
| 2006 | CO GILMORE WELDING | Haines Company |
| | SUPPLIES | Haines Company |
| | GILMORE LIQUID | Haines Company |
| | AIR CO NITROGN GILMORE LQD AIR | Haines Company |
| 2004 | GILMORE LIQUID AIR CO | Cole Information Services |
| 1999 | GILMORE LIQUID AIR COMPANY NITROGN | Cole Information Services |
| | GILMORE LIQUID AIR COMPANY NITROGN | Cole Information Services |
| 1995 | GILMORE LIQUID AIR CO NITROGN | Pacific Bell |
| 1994 | GILMORE LIQUID AIR CO | Cole Information Services |
| 1985 | GILMORE LIQUID AIR CO NITROGN | Pacific Bell |
| 1980 | GILMORE LIQUID AIR CO NITROGN RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | GILMORE LIQUID AIR CO NITROGN | Pacific Telephone |
| 1966 | GILMORE LIQUID AIR CO NITROGEN SOUTH EL MONTE | Pacific Telephone |
| 1960 | GILMORE LIQUID AIR CO NITROGEN | Pacific Telephone |
| 1957 | GILMORE LIQUID AIR NITROGEN | Pacific Telephone |

**9506 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | BEARINGS & DRIVES | Cole Information Services |
| 2006 | DRIVE | Haines Company |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2006 | DRIVES INC BEARINGS AND | Haines Company |
| | BEARINGS | Haines Company |
| | BEARING HOUSE | Haines Company |
| 2004 | BEARINGS & DRIVES INC | Cole Information Services |
| 1999 | BEARINGS & DRIVES INCORPORATED | Cole Information Services |
| 1995 | BEARINGS& DRLVESINC | Pacific Bell |
| | BEARINGLHOUSETHE | Pacific Bell |
| 1994 | BEARINGS & DRIVES INC | Cole Information Services |
| | BEARING HOUSE THE | Cole Information Services |
| 1985 | BEARING HOUSE THE | Pacific Bell |
| | BEARINGS & DRIVES INC | Pacific Bell |
| 1980 | BEARING HOUSE THE RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | BEARING MART THE RUSH ST SOUTH EL MONTE | Pacific Telephone |

**9508 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2009 | NISSEN & CO INC | Cole Information Services |
| | BEARING MART DIVISION | Cole Information Services |
| | BEARINGS & DRIVES INC | Cole Information Services |
| 2006 | NISSEN & CO INC | Haines Company |
| | NISSEN & CO INC | Haines Company |
| | MURPHY MUFFLERS | Haines Company |
| | WINDOW CO SEMCOWINDOWS | Haines Company |
| | NISSEN FIRE | Haines Company |
| 2004 | MILO MURPHY | Cole Information Services |
| | NISSEN CO | Cole Information Services |
| 1999 | MURPHY MUFFLERS | Cole Information Services |
| | NISSEN & COMPANY INCORPORATED | Cole Information Services |
| | SEMCO WINDOWS | Cole Information Services |
| | NISSEN & COMPANY INCORPORATED | Cole Information Services |
| 1995 | NFSSEN& CO INC | Pacific Bell |
| | MURPHY MUFFLERS | Pacific Bell |
| | SEMCO WINDOWS | Pacific Bell |
| 1994 | MURPHY MUFFLERS | Cole Information Services |
| | NISSEN & CO | Cole Information Services |
| | SEMCO WINDOWS | Cole Information Services |
| 1985 | NISSEN & CO INC | Pacific Bell |
| | MURPHY MUFFLERS | Pacific Bell |

| Year | Uses | Source |
|---|---|---|
| 1985 | SEMCO WINDOWS | Pacific Bell |
| 1980 | MURPHY MUFFLERS RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | NISSEN & CO INC RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | SEMCO WINDOWS RUSH ST SOUTH EL MONTE | Pacific Telephone |

**9510 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | SMARDAN SUPPLY CO | Cole Information Services |
| 2009 | SMARDAN SUPPLY CO | Cole Information Services |
| 2006 | SPPLY | Haines Company |
| | CO VALLEYCITIES | Haines Company |
| | SMARDAN SUPPLY | Haines Company |
| 2004 | SMARDAN SUPPLY EL MONTE | Cole Information Services |
| 1999 | VALLEY CITIES SUPPLY COMPANY | Cole Information Services |
| 1995 | VALLEY CITIES SUPPLY CO | Pacific Bell |
| 1994 | VALLEY CITIES SUPPLY CO | Cole Information Services |
| 1985 | VALLEY CITIE S SUPPLY CO | Pacific Bell |
| 1980 | VALLEY CITIES SUPPLY CO RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1966 | CANTRALL J R CORP GENL CONTRS | Pacific Telephone |
| | CANTRALL STEEL CORP STEEL FABRCTN | Pacific Telephone |
| 1960 | CANTRALL STEEL CORP STEEL FABRCTN | Pacific Telephone |
| | NICHOLS CORPORATION | Pacific Telephone |
| | CANTRALL J R CORP GENL CONTRS | Pacific Telephone |
| 1958 | Cantrall Steel Corp steel fabrctn | Pacific Telephone |
| | Cantrall J R Corp genl contrs | Pacific Telephone |

**9514 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | AMETA CORP | Cole Information Services |
| 2009 | GLORY STAR SHOES CO | Cole Information Services |
| | NOBLE OFFICE FURNITURE INC | Cole Information Services |
| 2006 | FURNITURE INC SNPTRADING | Haines Company |
| | NOBLE OFFICE | Haines Company |
| 2004 | NOBLE OFFICE FURNITURE INC | Cole Information Services |
| | AC CUTTING SERVICE | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 2004 | FAI CHAN | Cole Information Services |
| 1994 | PACIFIC AUTO CO | Cole Information Services |
| 1985 | PACIFIC AUTO CO | Pacific Bell |
| | PACIFIC AUTO CO | Pacific Bell |
| | DELPHI INTERNATL INC | Pacific Bell |
| | ALPHA SALES CO | Pacific Bell |
| | COBRA SEWER EQUIP | Pacific Bell |
| 1980 | UNIQUE TRUCK ACCESSORIES RUSH ST SOUTH EL MONTE | Pacific Telephone |

**9515 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | RAYMOND H DOBBERPUHL INC | Cole Information Services |
| | RUNKING U S A INC | Cole Information Services |
| | DOBBERPUHL RAYMOND H | Cole Information Services |
| 2009 | RAYMOND H DOBBERPUHL INC | Cole Information Services |
| | KAILIDA INTERNATIONAL INC | Cole Information Services |
| 2006 | INTERNATIONAL INC RAYMOND H | Haines Company |
| | ENGINEERING CO KLD | Haines Company |
| | C&MSPRING | Haines Company |
| | DOBBERPUHL INC | Haines Company |
| 2004 | KAILIDA INTERNATIONAL INC | Cole Information Services |
| | RAYMOND H DOBBERPUHL INC | Cole Information Services |
| 1999 | ANL SPRING COMPANY INCORPORATED | Cole Information Services |
| | J S L TRADING INCORPORATED | Cole Information Services |
| | DOBBERPUHL RAYMOND H | Cole Information Services |
| | C & M SPRING ENGINEERING COMPANY INCORPORATED | Cole Information Services |
| 1995 | ACCURATE METAL FORMING | Pacific Bell |
| | C & M SPRING ENGINEERING CO | Pacific Bell |
| | DOBBERPUHL RAYMOND H | Pacific Bell |
| | UNLTIZERINO | Pacific Bell |
| 1994 | JSL TRADING INC | Cole Information Services |
| | ACCURATE METAL FORMING | Cole Information Services |
| | UNITIZER INC | Cole Information Services |
| | DOBBERPUHL, RAYMOND H | Cole Information Services |
| | GOLDEN PARK INTL | Cole Information Services |
| 1985 | C & M SPRING ENGINEERING CO | Pacific Bell |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1980 | C & M SPRING ENGINEERING CO RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | C & M SPRING ENGINEERING CO | Pacific Telephone |
| 1957 | PIPER ELLIS G MACHY | Pacific Telephone |
| | PIPER ELLIS | Pacific Telephone |
| | MOE PAUL MACHY | Pacific Telephone |

**9517 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | OSITOS SHOES INC | Cole Information Services |
| | UNIVERSAL EXHIBITS | Cole Information Services |
| 2009 | NORMA BELL | Cole Information Services |
| 2006 | UNIVRSL EXHIBITS | Haines Company |
| | TRADING UNIVRSL EXHIBITS | Haines Company |
| | INTERNATIONAL | Haines Company |
| | EUROFRO | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| | UNIVERSAL EXHIBITS | Cole Information Services |
| 1999 | UNIVERSAL EXHIBITS | Cole Information Services |
| | UNIVERSAL EXHIBITS | Cole Information Services |
| | NORMA BELL | Cole Information Services |
| 1995 | UNIVERSAL EXHIBITS | Pacific Bell |
| 1994 | SIODMAK CO INC | Cole Information Services |
| | UNIVERSAL EXHIBITS | Cole Information Services |
| 1985 | UNIVERSAL EXHIBITS | Pacific Bell |
| 1980 | EL MONTE LEAD SALVAGE CO RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | UNIVERSAL EXHIBITS RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | UNIVERSAL EXHIBITS | Pacific Telephone |
| | EL MONTE LEAD SALVAGE CO | Pacific Telephone |
| 1966 | OAKEY TOM & CO | Pacific Telephone |
| | FLOATS INC | Pacific Telephone |
| | MOE PAUL | Pacific Telephone |
| | FL INDUSTRIES SOUTH EL MONTE | Pacific Telephone |
| | MOE PAUL MACHY | Pacific Telephone |
| | CROW R S INC EQUIP RENTNG | Pacific Telephone |
| 1960 | OAKEY TOM & CO | Pacific Telephone |
| | MOE PAUL MACHY | Pacific Telephone |
| | TOM TAYLOR CONST EQ | Pacific Telephone |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1958 | Oakey Tom & Co | Pacific Telephone |
| 1957 | OAKEY TOM & CO | Pacific Telephone |

**9519 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | HOUSE OF GRAPHICS | Cole Information Services |
| 2009 | HOG INC | Cole Information Services |
| | HOUSE OF GRAPHICS | Cole Information Services |
| | GIFU TRADING CO | Cole Information Services |
| 2006 | TRADING INC HOUSEOF | Haines Company |
| | COLOSSUSINTL | Haines Company |
| | GRAPHICS MEDICALBASE | Haines Company |
| | CORPORATION | Haines Company |
| 2004 | MBC | Cole Information Services |
| | WYLER INTERNATIONAL JEAN | Cole Information Services |
| | AJ SPORTS INTL INC | Cole Information Services |
| 1999 | HOUSE OF GRAPHICS | Cole Information Services |

**9526 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1985 | COMMERCIAL CONVEYOR CORP | Pacific Bell |
| 1980 | COMMERCIAL CONVEYOR CO RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | COMMERCIAL CONVEYOR CORP RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | COMMERCIAL CONVEYOR CORP | Pacific Telephone |
| | COMMERCIAL CONVEYOR CO | Pacific Telephone |

**9527 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | OSITO SHOES INC | Cole Information Services |
| | ASKY SHOE COMPANY | Cole Information Services |
| 2009 | X POWER SHOES | Cole Information Services |
| | HUI XIN INTERNATIONAL INC | Cole Information Services |
| 2006 | COMPANY | Haines Company |
| | ASKYSHOE | Haines Company |
| 2004 | SKY SHOES CO | Cole Information Services |
| | OCCUPANT UNKNOWN | Cole Information Services |

# FINDINGS

**9528 RUSH ST**

| *Year* | *Uses* | *Source* |
|---|---|---|
| 2014 | SUPER RUNNERS | Cole Information Services |
| | BMC BEAUTY SUPPLY INC | Cole Information Services |
| | CECI SHOES | Cole Information Services |
| | ZINNET INC | Cole Information Services |
| | PERFORMAR INTERNATIONAL CORP | Cole Information Services |
| | V 2 GO TECHNOLOGY | Cole Information Services |
| | ACEMADE INTERNATIONAL CORP | Cole Information Services |
| | WING ENTERPRISE CORPORATION | Cole Information Services |
| | PAX TAG & LABEL INC | Cole Information Services |
| | FUNDA TRADING INC | Cole Information Services |
| | FEI GAO | Cole Information Services |
| | MAGIC STONE INC | Cole Information Services |
| 2009 | ROYAL PLUS INC | Cole Information Services |
| | BIG ONE NAILS & BEAUTY SUPPLIES CORP | Cole Information Services |
| | ASIA FOCUS INTERNATIONAL GROUP INC | Cole Information Services |
| | PAX TAG & LABEL INC | Cole Information Services |
| | USA BANGPAI GROUP CORP | Cole Information Services |
| | ANKO ENTERPRISES CORP | Cole Information Services |
| | WP3 INTERNATIONAL CORP | Cole Information Services |
| | BIG 1 | Cole Information Services |
| | 247 WEB CONSULTANTS | Cole Information Services |
| 2006 | ACCESS | Haines Company |
| | FOOTWEARS INC BIG ONE NAILS& | Haines Company |
| | BEAUTY SUPPLIES BLUE BELL INC | Haines Company |
| | LAIYNGSHNGSNG | Haines Company |
| | FEN TNG USA MAGIC STONE INC | Haines Company |
| | PAXTAG&LABEL | Haines Company |
| | INC PEACE SHOES | Haines Company |
| | ENTERPRISE INC TFTTOOLS INC | Haines Company |
| | INTERNATIONAL | Haines Company |
| | CORPORATION | Haines Company |
| 2004 | BELINK CORP | Cole Information Services |
| | LIKO ENTERPRISES CO | Cole Information Services |
| | BIG ONE NAILS & BEAUTY SUPPLY CORP | Cole Information Services |
| | BLUE BELL INC | Cole Information Services |

| Year | Uses | Source |
|---|---|---|
| 2004 | PAX TAG & LABEL INC | Cole Information Services |
| | CALIFORNIA NUTRITION ASCTN | Cole Information Services |
| | VFLY CORP | Cole Information Services |
| 1999 | FAMILY CIRCLE FASHION INCORPORATED | Cole Information Services |
| | KANG LONG GROUP | Cole Information Services |
| | KANG LI INTERNATL | Cole Information Services |
| | AMERICA JIA LEENTERPRISES INCORPORATED | Cole Information Services |
| | TFT TOOLS INCORPORATED | Cole Information Services |
| | PAX TAG & LABEL INCORPORATED | Cole Information Services |
| | FUS EMBROIDERY INCORPORATED | Cole Information Services |
| | INTEK TECHNICAL INSTRUMENT INCORPORATED | Cole Information Services |
| | BLUE BELL INCORPORATED | Cole Information Services |
| | JIAYUN USA CORPORATION | Cole Information Services |
| 1994 | PRODUCTION AUGERS | Cole Information Services |
| 1985 | PRODUCTION AUGERS INC | Pacific Bell |
| 1980 | PRODUCTION AUGERS INC RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | PRODUCTION AUGERS INC | Pacific Telephone |

**9530 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1985 | VELBROS ENGINEERING CO | Pacific Bell |
| 1980 | CHRISTENSEN VILHELM RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1966 | SCHURE CO | Pacific Telephone |
| | DATA ENTERPRISES | Pacific Telephone |

**9535 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | T & N AUTOBODY SHOP | Cole Information Services |
| 2009 | T & N AUTOBODY SHOP | Cole Information Services |
| | CHANH T TRAN | Cole Information Services |
| 2006 | T& NAUTOBODY | Haines Company |
| 2004 | TRAN CHANH T | Cole Information Services |
| | T & N AUTO BODY | Cole Information Services |
| | WILLIAM LAM | Cole Information Services |
| 1985 | HOSOKAWA ENTERPRISES | Pacific Bell |
| 1960 | INDUSTRIAL ELECTRIC MOTORS | Pacific Telephone |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1957 | INDUSTRIAL ELECTRIC MOTORS | Pacific Telephone |

**9536 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | JENCO PLATING & ANODIZING INC | Cole Information Services |
| 2009 | JENCO PLATING & ANODIZING INC | Cole Information Services |
| 2006 | ANDZNG | Haines Company |
| | ANODIZING INC JENCO PLATNG& | Haines Company |
| | JENCO PLATINGS | Haines Company |
| 2004 | JENCO PLATING INC | Cole Information Services |
| 1999 | JENCO PLATING & ANODIZING INCORPORATED | Cole Information Services |
| | JENCO PLATING & ANODIZING INCORPORATED | Cole Information Services |
| 1995 | JENCO PLATING & ANODIZING INC | Pacific Bell |
| 1994 | JENCO PLATING & ANODIZING INC | Cole Information Services |
| | JENCO PLATNG&ANDZNG | Cole Information Services |
| 1985 | JENCO PLATING & ANODIZING INC | Pacific Bell |
| 1980 | JENCO PLATING & ANODIZING INC RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | JENCO PLATING & ANODIZING INC | Pacific Telephone |
| 1966 | JENCO PLATING CO | Pacific Telephone |
| 1960 | JENCO PLATING CO | Pacific Telephone |
| 1957 | ANCHOR PLATING & TINNING CO INC | Pacific Telephone |

**9537 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | JAVI AIR SERVICE | Cole Information Services |
| 2009 | JAVI AIR REFRIGERATION | Cole Information Services |
| | T & H AUTO FENDER RAPAIR | Cole Information Services |
| | DRAGON PHOENIX CO | Cole Information Services |
| | USA POWER GATE INC | Cole Information Services |
| 2006 | JAVI AIR SERVICE | Haines Company |
| | i PARTNERSHIP | Haines Company |
| | RAUL FLORES | Haines Company |
| 2004 | JAVI AIR | Cole Information Services |
| | DRAGON PHOENIX CO | Cole Information Services |
| | OCCUPANT UNKNOWN | Cole Information Services |
| 1999 | DRAGON PHOENIX CORPORATION | Cole Information Services |
| 1994 | DRAGON PHOENIX TRDG | Cole Information Services |

# FINDINGS

| Year | Uses | Source |
|---|---|---|
| 1994 | C&H COLOR MARBLE | Cole Information Services |
| | L & D AUTO BODY SHOP | Cole Information Services |
| 1985 | ACCURATE HONE SERVICE | Pacific Bell |
| 1980 | ACCURATE HONE SERVICE RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | F & H COMPANY | Pacific Telephone |
| | BILLS WELDING & REPAIRS | Pacific Telephone |

**9539 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | ST AUTO BODY | Cole Information Services |
| 2006 | ELMNTAUTOBODY | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| | ARC TRONICS | Cole Information Services |
| 1999 | EL MONTE AUTOBODY REPAIR | Cole Information Services |
| 1995 | ARCADIA -TRONICS | Pacific Bell |
| 1994 | ARC TRONICS | Cole Information Services |
| 1975 | GUN DRILLING SPECIALTIES INC | Pacific Telephone |
| 1960 | BROWN S CABINET & FIXTURE CO BROWN H D CABINSET & FIXTURE CO | Pacific Telephone |
| | BROWN H D CABINET & FIXTURE CO | Pacific Telephone |
| 1957 | JOHNSON MACH CO MACH SHOP | Pacific Telephone |

**9542 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | BE FASHION INC | Cole Information Services |
| 2009 | BLUE STAR | Cole Information Services |
| 2006 | BLUESTAR | Haines Company |
| 2004 | STAR BLUE | Cole Information Services |
| 1995 | EVERGREEN STEEL PRODUCTS | Pacific Bell |
| 1985 | J C FURNITURE | Pacific Bell |
| 1980 | DESIGN METAL PRODUCTS INC RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | CARAVAN GAS TANKS RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | HYDRO-AIR EQUIP CO | Pacific Telephone |
| | FLEXMASTER WEST | Pacific Telephone |
| | B & G MANUFACTURING CO | Pacific Telephone |
| 1966 | MARVELI INDUSTRIES INC | Pacific Telephone |

# FINDINGS

**9544 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2009 | ACR CUTTING & FINISHING | Cole Information Services |
| 2006 | SLK SCRN PRNTNG | Haines Company |
| | CALMAXTSHIRT | Haines Company |
| 2004 | MICHAEL PELTIER | Cole Information Services |
| | CALMAX T SHIRT SILKSCREEN INC | Cole Information Services |
| 1999 | CALMAX T SHIRT SILK SCREEN PRINTING | Cole Information Services |
| 1995 | ANGELUS WATERPROOFING & RESTORATION | Pacific Bell |
| 1994 | ANGELUS WATERPROOFING | Cole Information Services |
| 1985 | FOOD ENGINEERING SERVICE | Pacific Bell |
| | SANOVO INC | Pacific Bell |
| 1980 | SANOVO INC RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | FOOD ENGINEERING SERVICE RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | SANOVO INC | Pacific Telephone |
| 1966 | AWARD METALS CO INC | Pacific Telephone |
| 1960 | J O CRUSH GRINDING CO | Pacific Telephone |

**9545 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 2014 | TP AUTO REPAIR SERVICES | Cole Information Services |
| 2009 | GYM EQUIPMENT SHOP | Cole Information Services |
| | DENARO DELACRUZ | Cole Information Services |
| | ZAMORA WELDING & IRONWORKS | Cole Information Services |
| 2006 | SHOP ZAMORAS WELDING | Haines Company |
| | GYM EQUIPMENT | Haines Company |
| | & IRONWORKS | Haines Company |
| 2004 | OCCUPANT UNKNOWN | Cole Information Services |
| | ZAMORA WELDING & IRONWORKS | Cole Information Services |
| 1999 | ZAMORA WELDING & IRONWORKS | Cole Information Services |
| 1995 | ZAMORA WELDING & IRONWORKS | Pacific Bell |
| 1994 | ZAMORA WELDING & IRONWORKS | Cole Information Services |
| 1980 | LOPEZ ELECTRIC SHOP RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | LOPEZ ELECTRIC SHOP SOUTH EL MONTE | Pacific Telephone |
| 1957 | JENSEN-KELLEY MACH PRODUCTS | Pacific Telephone |

# FINDINGS

**9546 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1980 | CHAPIN NOEL R CO RUSH ST SOUTH EL MONTE | Pacific Telephone |

**9553 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1995 | ELLEN IRON WORKS | Pacific Bell |
| | I LA MISSION WROUGHT IRON | Pacific Bell |
| | ELLA S IRON WORKS | Pacific Bell |
| 1980 | LA MISSION WROUGHT IRON RUSH ST SOUTH EL MONTE | Pacific Telephone |

**9537 1/2 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1985 | SWING-N-VUE MIRRORS | Pacific Bell |
| | MIRRORS BY MILLIE | Pacific Bell |
| | CARR ENGINEERING CORP | Pacific Bell |
| 1980 | SWING N VUE MIRRORS RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | MIRRORS BY MILLIE RUSH ST SOUTH EL MONTE | Pacific Telephone |
| | CARR ENGINEERING CORP RUSH ST SOUTH EL MONTE | Pacific Telephone |

**9537 1/4 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1985 | GIFFORD LEN PRINTING | Pacific Bell |
| 1980 | GIFFORD LEN PRINTING RUSH ST SOUTH EL MONTE | Pacific Telephone |
| 1975 | J R J WOOD TURNING | Pacific Telephone |

**9545 1/2 RUSH ST**

| Year | Uses | Source |
|---|---|---|
| 1985 | RUDY S IRON WORKS | Pacific Bell |
| 1980 | RUDY S IRON WORKS RUSH ST SE | Pacific Telephone |
| 1975 | RUDYS WROUGHT IRON | Pacific Telephone |

# FINDINGS

## ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 1990 ROSEMEAD BLVD | 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2003 ROSEMEAD BLVD | 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2003 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2004 ROSEMEAD BLVD | 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2005 ROSEMEAD BLVD | 2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2005 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2007 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2007 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2013 ROSEMEAD BLVD | 2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2013 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2014 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2014 ROSEMEAD BLVD | 2014, 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2019 ROSEMEAD BLVD | 2014, 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2020 ROSEMEAD BLVD | 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2020 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2023 ROSEMEAD BLVD | 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2025 ROSEMEAD BLVD | 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2025 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2027 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2027 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2030 ROSEMEAD BLVD | 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2030 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2101 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2102 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2102 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2104 N ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2104 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2104 ROSEMEAD BLVD | 2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2107 ROSEMEAD BLVD | 2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2107 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2112 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2112 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2113 N ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2113 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2113 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2115 ROSEMEAD BLVD | 2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2115 ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2117 ROSEMEAD BLVD | 2014, 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2119 ROSEMEAD BLVD | 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2119 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2120 ROSEMEAD BLVD | 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2121 N ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2121 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2121 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2126 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2128 N ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2128 ROSEMEAD BLVD | 2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2129 N ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2129 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2129 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2139 ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2140 ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2151 ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2200 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2200 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2200 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2207 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2207 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2213 N ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2213 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2213 ROSEMEAD BLVD | 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2218 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2218 ROSEMEAD BLVD | 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2218 ROSEMEAD BLVD | 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2226 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2226 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2226 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2231 ROSEMEAD BLVD | 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2242 ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2246 ROSEMEAD BLVD | 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2305 N ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2305 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2305 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2310 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2310 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2315 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2315 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2317 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2317 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2318 ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2320 N ROSEMEAD BLVD | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2320 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2320 ROSEMEAD BLVD | 2014, 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2321 ROSEMEAD BLVD | 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2321 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2327 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2327 ROSEMEAD BLVD | 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 2328 ROSEMEAD BLVD | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 2328 ROSEMEAD BLVD | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9403 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9408 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9408 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9420 RUSH ST | 2014, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9420 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9422 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9422 RUSH ST | 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9424 RUSH ST | 2014, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9424 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 9436 RUSH | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9436 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9436 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9439 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9444 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9444 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9447 RUSH ST | 2014, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9447 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9448 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9448 RUSH ST | 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 9452 RUSH | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9452 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9452 RUSH ST | 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9457 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9457 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9501 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9502 RUSH ST | 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9503 RUSH | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9503 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9503 RUSH ST | 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 9506 RUSH | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9506 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9506 RUSH ST | 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9508 RUSH | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9508 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9508 RUSH ST | 2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9510 RUSH | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9510 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9510 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9514 RUSH | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 9514 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9514 RUSH ST | 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9515 RUSH | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9515 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9515 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9517 RUSH | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9517 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9517 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9519 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9519 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 9526 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9527 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9527 RUSH ST | 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9528 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9528 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9530 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9535 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9535 RUSH ST | 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9536 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9536 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 9537 1/2 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9537 1/4 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9537 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9537 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9539 RUSH ST | 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9539 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9542 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9542 RUSH ST | 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9544 RUSH ST | 2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9544 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9545 1/2 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# FINDINGS

| Address Researched | Address Not Identified in Research Source |
|---|---|
| 9545 RUSH ST | 2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9545 RUSH ST | 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9546 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |
| 9553 RUSH ST | 2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

## TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

| Address Researched | Address Not Identified in Research Source |
|---|---|
| North Rosemead Blvd, Rust Street | 2003, 2001, 2000, 1996, 1992, 1991, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920 |

# APPENDIX C.4
# HISTORICAL FIRE INSURANCE MAPS

North Rosemead Blvd, Rust Street

North Rosemead Blvd, Rust Street

South El Monte, CA 91733

Inquiry Number: 6097435.3

June 19, 2020

# Certified Sanborn® Map Report

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

# Certified Sanborn® Map Report

06/19/20

| Site Name: | Client Name: |
|---|---|
| North Rosemead Blvd, Rust St | Ramboll |
| North Rosemead Blvd, Rust St | 18100 Von Karman Avenue |
| South El Monte, CA 91733 | Irvine, CA 92612 |
| EDR Inquiry # 6097435.3 | Contact: Rita Vincent |

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Ramboll were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## *Certified Sanborn Results:*

**Certification #** 5875-4F2F-99B5

**PO #** NA

**Project** North Rosemead Blvd, Rust Stre

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 5875-4F2F-99B5

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

### Limited Permission To Make Copies

Ramboll (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.


**Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

# APPENDIX D
# PREVIOUS ENVIRONMENTAL REPORTS

LAW OFFICES OF

JOHN S. BYRNES, JR. PROFESSIONAL CORPORATION

1154 SOUTH GARFIELD AVENUE, P.O. BOX 1031, ALHAMBRA, CALIFORNIA 91802

TELEPHONE: (213) 289-3551 · (213) 283-2943

June 5, 1981

JOHN S. BYRNES, JR.

Conservtech
2770 Leonis Blvd., Suite 203
Vernon, CA 90058

Attention: Joe Feeney

Re: PACIFIC COAST DRUM CO.
2200 N. Rosemead Blvd.
South El Monte, CA

Gentlemen:

We received the Survey Report of Associated Laboratories regarding the EPA tests performed by them for Pacific Coast Drum Co.

Enclosed is a copy of the Report for your information.

Very truly yours,

John S. Byrnes, Jr.

JOHN S. BYRNES, JR.

JM
Encl.
Copy to Pacific Coast Drum Co.

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900

JUNE 2, 1981

JOHN S. BYRNES JR.
1154 SOUTH GARFIELD AVE.
P.O. BOX 1031
ALHAMBRA, CA

GENTLEMEN:

OUR LABORATORY WAS REQUESTED TO PERFORM A SURVEY OF THE PROPERTY OCCUPIED BY PACIFIC COAST DRUM CO. AT 2200 NORTH ROSEMEAD BLVD., SOUTH EL MONTE, CA. THIS PARTICULAR PROPERTY WAS BEING UTILIZED AS PART OF A COOPERAGE OPERATION AND IT INCLUDES AN AREA WHERE USED DRUMS ARE STORED PRIOR TO BEING CLEANED AND RECYCLED. OUR INTENT WAS TO SURVEY THE AREA WHICH WAS USED FOR DRUM STORAGE TO DETERMINE WHETHER ANY DANGEROUS CHEMICALS HAD BEEN DEPOSITED IN THE SOIL. IN FIGURE #1 IS SHOWN A PLOT PLAN OF THE PROPERTY IN QUESTION. THE AREA WHERE DRUMS WERE STORED IS SHOWN AS A SHADED AREA. FOR SAMPLING PURPOSE, THE STORAGE AREAS WERE DIVIDED INTO FIVE (5) SEPARATE SECTIONS AND THESE ARE IDENTIFIED BY THE NUMBERS 1 THRU 5 ON THE MAP IN FIGURE #1.

AREA 1: THIS AREA HAD STORED FOOD DRUMS AND IT HAD BEEN USED SINCE 1975. THE DRUMS WERE MOSTLY CITRUS PRODUCT DRUMS. A THIN LAYER OF SAND AND GRAVEL WAS OVER THE NATIVE SOIL. THE AREA APPEARED CLEAN AND THE SOIL WAS OF SILTY TEXTURE AND HAD NO UNUSUAL COLORS, ODORS OR OTHER CHARACTERISTICS. SAMPLES WERE COMPOSITED FROM 3 DIFFERENT LOCATIONS AT DEPTHS OF 0-8'' AND 8-16''.

AREA 2: THIS AREA HAD STORED CHEMICAL DRUMS. THE DRUMS WERE MARKED ''RESIN'', FLAMMABLE LIQUID'', ''VARNISH'', ''PAINT'', ETC. D. BARTOLOTTI SAID DRUMS OF PRINTING INK WERE ALSO STORED IN THIS AREA. THIS IS SAID TO BE THE AREA RESPONSIBLE FOR THE CITATION. THE TOP 16'' OF MATERIAL WAS SAND, GRAVEL AND COBBLES, AS WELL AS PIECES OF BROKEN PLASTIC, STEEL SCREW-CAPS AND OTHER

CON'T ON PAGE 2

RECEIVED
JUN 4 1981
JOHN S. BYRNES, JR.

DEBRIS. THE MATERIAL WAS HIGHLY COLORED WITH PAINTS AND INK, AND WAS SOMEWHAT OILY IN APPEARANCE. IT WAS SATURATED WITH WATER AND THE WATER FLOWED INTO THE SAMPLE HOLE. THE NATIVE SOIL BELOW WAS SILTY IN TEXTURE, HAD A SLIGHT ODOR OF THE CHEMICALS, BUT WAS SOME WHAT DRIER THAN THE MATERIAL ABOVE, INDICATING AN IMPERMEABLE LAYER. THE NATIVE SOIL BELOW 27'' HAD NO NOTICEABLE ODOR OR OTHER UNUSUAL VISUAL PHYSICAL CHARACTERISTICS.

AREA 3: ANOTHER AREA OF STORED CHEMICAL DRUMS IN USE SINCE 1971. THERE WAS 3'' OF SAND AND GRAVEL MIXTURE OVER THE NATIVE SOIL. DRUMS STORED IN THIS AREA INCLUDED, PAINTS, PERFUME AND FOOD PRODUCTS. THE NATIVE SOIL BELOW 3'' HAD NO NOTICEABLE ODOR, COLOR OR OTHER PHYSICAL CHARACTERISTICS.

AREA 4: AREA USED BY L. RUBIN. THE SURFACE SEEMED TO BE STAINED REDDISH BROWN, AS IF BY RUST. THERE WERE PIECES OF BROKEN ASPHALT PAVING, PAPER AND GRAVEL IN THE UPPER LAYER OF THE SOIL. NATIVE SOIL WAS SILTY IN TEXTURE AND WITHOUT UNUSUAL CHARACTERISTICS. PART OF THIS AREA IS PAVED WITH ASPHALT PAVEMENT.

AREA 5 WAS BEING USED FOR STORAGE OF FOOD DRUMS AND WAS INACCESSIBLE AT THE TIME OF SAMPLING. THE AREA AT THE SOUTH EAST CORNER OF THE PROPERTY (ADJACENT TO A BATTERY PLANT) ALSO COULD NOT BE SAMPLED.

PORTIONS OF THE SOIL SAMPLES COLLECTED AS DESCRIBED ABOVE WERE TESTED FOLLOWING THE EPA PROTOCOLS FOR EVALUATING HAZARDOUS WASTES (FEDERAL REGISTER, VOL. 45, NO. 98, 5/19/80, PAGES 33127 ET SEQ.). THESE PROTOCOLS PRECRIBE AN EXTRACTION PROCEDURE WHICH IS TO BE USED FOLLOWED BY A SEPARATION AND ANALYSIS. THE SAMPLES THAT WERE TESTED WERE MADE UP AS FOLLOWS:

SAMPLE 1 - AREA 1, COMPOSITE FROM CORES TAKEN AT 0-8'' AND 8-16''.

SAMPLE 2 - COMPOSITE OF AREA 2 & 3, SURFACE SAND, ROCK & GRAVEL.

SAMPLE 3 - COMPOSITE OF NATIVE SOILS FROM AREAS 2 & 3.

SAMPLE 4 - COMPOSITE OF ALL SAMPLES TAKEN IN AREA.

CON'T ON PAGE 3

THE RESULTS OF THESE ANALYSES ARE GIVEN IN TABLES 1 AND 2. THE ANALYSES ARE GIVEN IN TERMS OF MILLIGRAMS PER LITER OF EXTRACT AS PRESCRIBED IN THE EPA METHODOLOGY. IN ADDITION, THE MAXIMUM CONCENTRATION FOR EACH ELEMENT AS PERMITTED BY EPA IS ALSO SHOWN.

TABLE 1

INORGANIC CONTAMINANTS, MG/LITER

| | SAMPLE 1 | SAMPLE 2 | SAMPLE 3 | SAMPLE 4 | EPA MAXIMUM |
|---|---|---|---|---|---|
| ARSENIC | ND | ND | ND | ND | 5 |
| BARIUM | ND <1 | ND <1 | 3.3 | ND <1 | 100 |
| CADMIUM | ND <0.01 | ND <0.01 | ND <0.01 | ND <0.01 | 1 |
| CHROMIUM | ND <0.05 | ND <0.05 | ND <0.05 | ND <0.05 | 5 |
| LEAD | ND <0.5 | 0.93 | ND <0.5 | ND <0.5 | 5 |
| MERCURY | 0.004 | 0.003 | 0.003 | 0.005 | 0.2 |
| SELENIUM | ND | ND | ND | ND | 1.0 |
| SILVER | ND <0.01 | ND <0.01 | ND <0.01 | ND <0.01 | 5.0 |

CON'T ON PAGE 4

TABLE 2

ORGANICS, MG/LITER

| | SAMPLE 1 | SAMPLE 2 | SAMPLE 3 | SAMPLE 4 | EPA MAXIMUM |
|---|---|---|---|---|---|
| ENDRIN | ND <0.01 | ND <0.01 | ND <0.01 | ND <0.01 | 0.02 |
| LINDANE | ND <0.01 | ND <0.01 | ND <0.01 | ND <0.01 | 0.4 |
| METHOXYCHLOR | ND <1.0 | ND <1.0 | ND <1.0 | ND <1.0 | 10 |
| TOXAPHENE | ND <0.1 | ND <0.1 | ND <0.1 | ND <0.1 | 0.5 |
| 2,4D | ND <0.1 | ND <0.1 | ND <0.1 | ND <0.1 | 10 |
| 2,45TP | ND <0.05 | ND <0.05 | ND <0.05 | ND <0.05 | 1 |
| PCB | ND <0.2 | 29 | ND <0.2 | ND <0.2 | 50* |

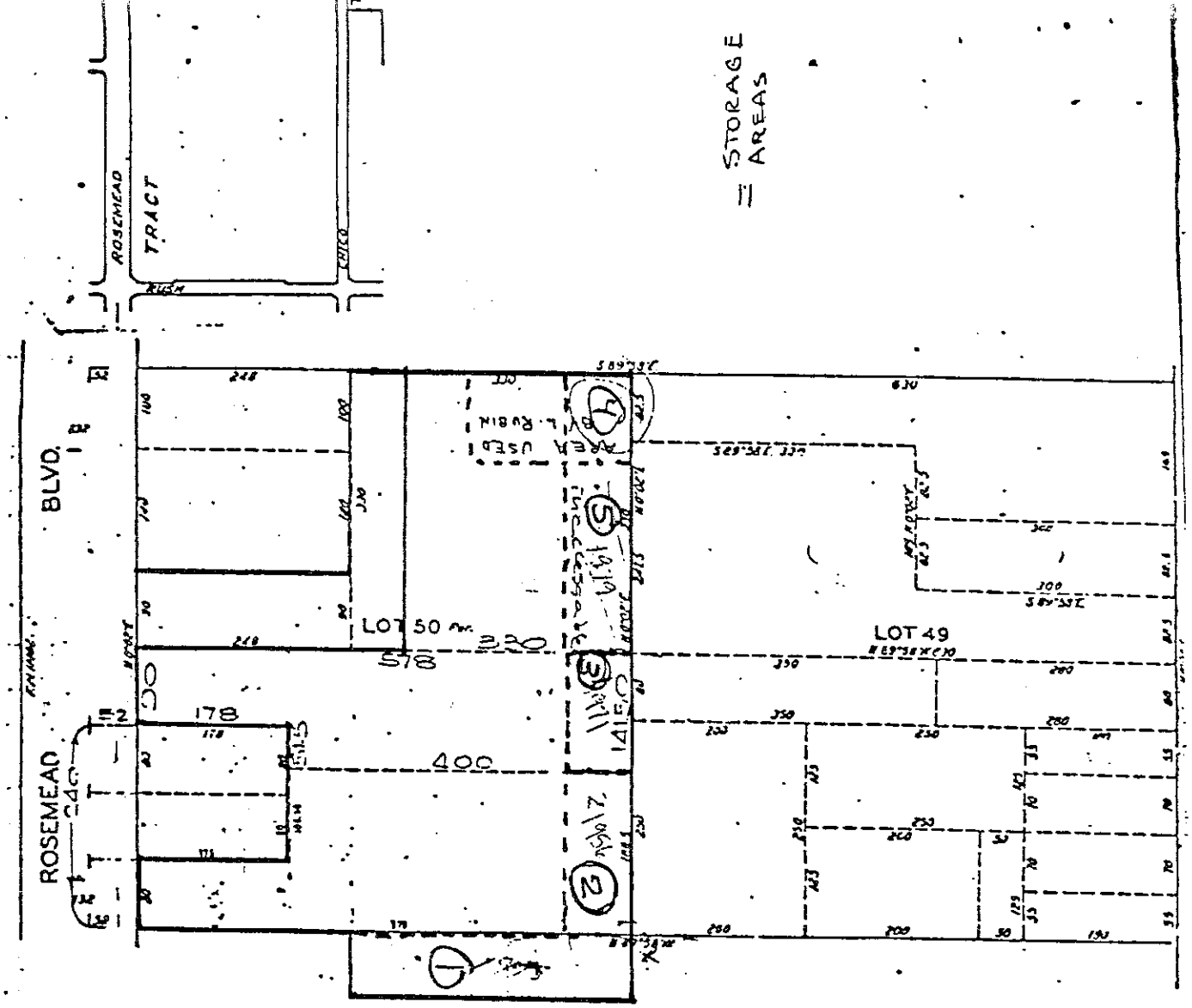
*EXPRESSED AS CONCENTRATION IN SOIL.

COMMENTS: AS CAN BE SEEN FROM THE ABOVE ANALYSES, NONE OF THE SAMPLES SHOWED ANY SIGNIFICANT CONTAMINATION WITHIN THE PRINCIPAL INORGANIC TOXICANTS. THE UPPER PORTION OF THE SOIL IN AREA 2 AND 3 APPEARS TO CONTAIN A LOW LEVEL OF PCB'S. THE AMOUNT FOUND IS BELOW THE HAZARDOUS LEVEL SPECIFIED BY EPA. HOWEVER IN VIEW OF THE NON-HOMOGENOUS NATURE OF THE UPPER SOIL LEVEL IT IS POSSIBLE THAT SOME PORTIONS MAY CONTAIN OVER THE PERMITTED AMOUNT.

ASSOCIATED LABORATORIES

HENRY M. ESPOY

HME/DSV




TRACT NO. 621
M.B. 15 - 182 - 183

THIS IS NOT A SURVEY OF THE LAND BUT IS COMPILED FOR INFORMATION ONLY FROM DATA SHOWN BY OFFICIAL RECORDS

CALIFORNIA LAND TITLE COMPANY

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900

AUGUST 14, 1981

LAB NO. C0232, B10763
AND B09492

PACIFIC COAST DRUM CO.
2200 NO. ROSEMEAD BLVD.
SOUTH EL MONTE, CA 91733

GENTLEMEN:

OUR LABORATORY WAS REQUESTED TO PERFORM A SURVEY OF THE PROPERTY OCCUPIED BY PACIFIC COAST DRUM CO. AT 2200 NORTH ROSEMEAD BLVD., SOUTH EL MONTE, CA. THIS PARTICULAR PROPERTY WAS BEING UTILIZED AS PART OF A COOPERAGE OPERATION AND IT INCLUDED AN AREA WHERE USED DRUMS ARE STORED PRIOR TO BEING CLEANED AND RECYCLED. OUR INTENT WAS TO SURVEY THE AREA WHICH WAS USED FOR DRUM STORAGE TO DETERMINE WHETHER ANY DANGEROUS CHEMICALS HAD BEEN DEPOSITED IN THE SOIL. IN FIGURE #1 IS SHOWN A PLOT PLAN OF THE PROPERTY IN QUESTION. THE AREA WHERE DRUMS WERE STORED IS SHOWN AS A SHADED AREA. FOR SAMPLING PURPOSES, THE STORAGE AREAS WERE DIVIDED INTO FIVE (5) SEPARATE SECTIONS AND THESE ARE IDENTIFIED BY THE NUMBERS 1 THRU 5 ON THE MAP IN FIGURE #1.

OUR LABORATORY WAS GIVEN COMPLETE FREEDOM IN DETERMINING THE EXTENT OF THE SAMPLING, THE SAMPLE LOCATIONS AND THE TESTS TO BE PERFORMED. THE FIRST SAMPLES WERE TAKEN ON APRIL 20, 1981 AT THE LOCATION DESCRIBED BELOW:

AREA 1: THIS AREA HAD STORED FOOD DRUMS AND IT HAD BEEN USED SINCE 1975. THE DRUMS WERE MOSTLY CITRUS PRODUCT DRUMS. A THIN LAYER OF SAND AND GRAVEL WAS OVER THE NATIVE SOIL. THE AREA APPEARED CLEAN AND THE SOIL WAS OF SILTY TEXTURE AND HAD NO UNUSUAL COLORS, ODORS OR OTHER CHARACTERISTICS. SAMPLES WERE COMPOSITED FROM 3 DIFFERENT LOCATIONS AT DEPTHS OF 0-8'' AND 8-16''.

AREA 2: THIS AREA HAD STORED CHEMICAL DRUMS. THE DRUMS WERE MARKED ''RESIN'', ''FLAMMABLE LIQUID'', ''VARNISH'', ''PAINT'', ETC. THE TOP 16'' OF MATERIAL WAS SAND, GRAVEL AND COBBLES, AS WELL AS PIECES OF BROKEN PLASTIC, STEEL SCREW-CAPS AND OTHER

CON'T ON PAGE 2

DEBRIS. THERE WAS EVIDENCE THAT SOME PAINTS AND INK HAD SPILLED ON THE GROUND. THE SOIL WAS SATURATED WITH WATER AND THE WATER FLOWED INTO THE SAMPLE HOLE. THE NATIVE SOIL BELOW WAS SILTY IN TEXTURE, HAD A SLIGHT ODOR, BUT WAS SOME WHAT DRIER THAN THE MATERIAL ABOVE, INDICATING AN IMPERMEABLE LAYER. THE NATIVE SOIL BELOW 27'' HAD NO NOTICEABLE ODOR OR OTHER UNUSUAL VISUAL PHYSICAL CHARACTERISTICS.

AREA 3: ANOTHER AREA OF STORED CHEMICAL DRUMS IN USE SINCE 1971. THERE WAS 3'' OF SAND AND GRAVEL MIXTURE OVER THE NATIVE SOIL. DRUMS STORED IN THIS AREA INCLUDED, PAINTS, PERFUME AND FOOD PRODUCTS. THE NATIVE SOIL BELOW 3'' HAD NO NOTICEABLE ODOR, COLOR OR OTHER PHYSICAL CHARACTERISTICS.

AREA 4: THE SURFACE SEEMED TO BE STAINED REDDISH BROWN, AS IF BY RUST. THERE WERE PIECES OF BROKEN ASPHALT PAVING, PAPER AND GRAVEL IN THE UPPER LAYER OF THE SOIL. NATIVE SOIL WAS SILTY IN TEXTURE AND WITHOUT UNUSUAL CHARACTERISTICS. PART OF THIS AREA IS PAVED WITH ASPHALT PAVEMENT.

AREA 5 WAS BEING USED FOR STORAGE OF FOOD DRUMS AND WAS INACCESSIBLE AT THE TIME OF SAMPLING. THE AREA AT THE SOUTHEAST CORNER OF THE PROPERTY ALSO COULD NOT BE SAMPLED.

PORTIONS OF THE SOIL SAMPLES COLLECTED AS DESCRIBED ABOVE WERE TESTED FOLLOWING THE EPA PROTOCOLS FOR EVALUATING HAZARDOUS WASTES (FEDERAL REGISTER, VOL. 45, NO. 98, 5/19/80, PAGES 33127 ET SEQ.). THESE PROTOCOLS PRESCRIBE AN EXTRACTION PROCEDURE WHICH IS TO BE USED FOLLOWED BY A SEPARATION AND ANALYSIS. THE SAMPLES THAT WERE TESTED WERE MADE UP AS FOLLOWS:

SAMPLE #1 - AREA 1, COMPOSITE FROM CORES TAKEN AT 0-8'' AND 8-16''.
SAMPLE #2 - COMPOSITE OF AREA 2 AND 3, SURFACE SAND, ROCK AND GRAVEL.
SAMPLE #3 - COMPOSITE OF NATIVE SOILS FROM AREAS 2 AND 3.
SAMPLE #4 - COMPOSITE OF ALL SAMPLES TAKEN IN AREA 4.

THE RESULTS OF THESE ANALYSIS ARE GIVEN IN TABLES 1 AND 2. THE ANALYSES ARE GIVEN IN TERMS OF MILLIGRAMS PER LITER OF EXTRACT AS PRESCRIBED IN THE EPA METHODOLOGY. IN ADDITION, THE MAXIMUM CONCENTRATION FOR EACH ELEMENT AS PERMITTED BY EPA IS ALSO SHOWN.

CON'T ON PAGE 3

TABLE 1

INORGANIC CONTAMINANTS, MG/LITER

| | SAMPLE 1 | SAMPLE 2 | SAMPLE 3 | SAMPLE 4 | EPA MAXIMUM |
|---|---|---|---|---|---|
| ARSENIC | ND | ND | ND | ND | 5 |
| BARIUM | ND <1 | ND <1 | 3.3 | ND <1 | 100 |
| CADMIUM | ND <0.01 | ND <0.01 | ND <0.01 | ND <0.01 | 1 |
| CHROMIUM | ND <0.05 | ND <0.05 | ND <0.05 | ND <0.05 | 5 |
| LEAD | ND <0.5 | 0.93 | ND <0.5 | ND <0.5 | 5 |
| MERCURY | 0.004 | 0.003 | 0.003 | 0.005 | 0.2 |
| SELENIUM | ND | ND | ND | ND | 1.0 |
| SILVER | ND <0.01 | ND <0.01 | ND <0.01 | ND <0.01 | 5.0 |

TABLE 2

ORGANICS, MG/LITER

| | SAMPLE 1 | SAMPLE 2 | SAMPLE 3 | SAMPLE 4 | EPA MAXIMUM |
|---|---|---|---|---|---|
| NDRIN | ND <0.01 | ND <0.01 | ND <0.01 | ND <0.01 | 0.02 |
| INDANE | ND <0.01 | ND <0.01 | ND <0.01 | ND <0.01 | 0.4 |
| ETHOXYCHLOR | ND <1.0 | ND <1.0 | ND <1.0 | ND <1.0 | 10 |
| OXAPHENE | ND <0.1 | ND <0.1 | ND <0.1 | ND <0.1 | 0.5 |
| ,4D | ND <0.1 | ND <0.1 | ND <0.1 | ND <0.1 | 10 |
| ,4,5 TP | ND <0.05 | ND <0.05 | ND <0.05 | ND <0.05 | 1 |

ON'T ON PAGE 4

AS CAN BE SEEN FROM THE DATA IN TABLES 1 AND 2, NONE OF THE ''INORGANIC CONTAMINANTS'' OR THE ''ORGANICS'' WERE PRESENT AT ANY OBJECTIONABLE LEVELS IN ANY OF THE SOIL SAMPLES.

WE ALSO PERFORMED ANALYSES ON THE SOIL SAMPLES FOR ANY POSSIBLE CONTAMINANTS WITH PCB'S (POLYCHLORINATED BIPHENYLS). NONE WERE DETECTED IN ANY OF THE SAMPLES WITH THE EXCEPTION OF SAMPLE #3 WHIGH SHOWED A CONTENT OF 29 PPM. AT THE PRESENT TIME, THE EPA HAS SET A FIGURE OF 50 PPM AS A LIMIT FOR THIS MATERIAL IN TRANSFORMER OILS. (NO TOLERANCE HAS BEEN DESIGNATED FOR SOILS). ABOVE 50 PPM, THESE SOILS ARE CONSIDERED TO BE ''HAZARDOUS WASTES''.

WE THEREFORE RETURNED TO THE SITE AND TOOK A NUMBER OF SAMPLES IN THE AREA WHERE THE PCB'S WERE FOUND. A TOTAL OF 5 ADDITIONAL SAMPLES WERE TAKEN AS DESCRIBED BELOW IN FIGURE 2.

SAMPLE 1 - JUNCTION OF AREA 2 AND 1. GRAVEL-SAND MIX IS 3'' DEEP. BELOW IS SILT TO AT LEAST 36''. SAMPLED 0-3''. DRUMS STORED ON THE NORTH SIDE ARE MARKED ''MAKE-UP ENAMEL'', ''PHOTOCHEMICALLY REACTIVE-ADHESIVES'', ETC. ON THE SOUTH SIDE THE DRUMS ARE MARKED ''TOMATO PASTE''.

SAMPLE 2 - THIS IS IN AREA 2. CANS ARE MARKED ''PLASTISOL'', ''GEL COAT'', ''NITROCELLULOSE'', ''AROSET'', FRESH SPILL OF ''BORDEN CHEMICAL WONDER-BOND WOOD ADHESIVE'' WAS OBSERVED. DEPTH OF SAND AND GRAVEL LAYER = 0-18''. BELOW IS SILT TO DEPTH >40''.

SAMPLE 3 - THIS SAMPLE WAS TAKEN IN AREA 5 WHICH WAS INACCESSIBLE AT THE TIME OF THE FIRST SAMPLING. THE DRUMS IN THIS AREA ARE MARKED ''TOMATO PASTE''. HOWEVER, THERE ARE DRUMS MARKED ''FREON'', ''WHITE MINERAL OIL'', ''HUMKO SOYBEAN SALAD OIL'', ''MOTOR OIL'', ET AL. THIS SAMPLE WAS TAKEN AT 0-3'' AND THIS AREA IS PREDOMINANTLY OLD ASPHALT.

SAMPLE 4 - THIS SAMPLE WAS TAKEN FROM THE SAME AREA AS SAMPLE 3 AT A DEPTH OF 3-12''. NO UNUSUAL COLOR OR ODORS WERE OBSERVED. THE SAMPLES WERE PREDOMINANTLY SILT.

SAMPLE 5 - AREA 2, 230 FT. NORTH OF THE PROPERTY LINE AND 20 FEET WEST OF THE BACK FENCE. IT REPRESENTED A DEPTH OF 0-14'' OF SOIL. DRUMS IN THE AREA WERE MARKED ''PHOTOCHEMICALLY REACTIVE FLAMMABLE LIQUID'', ''LACQUER'', ''ENAMEL'', ETC.

CON'T ON PAGE 5

ALL FIVE SAMPLES WERE TESTED FOR PCB WITH THE FOLLOWING RESULTS.

| | PCB'S (AROCLOR 1254) |
|---|---|
| SAMPLE #1 | 0.75 PPM |
| SAMPLE #2 | 1.34 PPM |
| SAMPLE #3 | 4.38 PPM |
| SAMPLE #4 | 0.10 PPM |
| SAMPLE #5 | 6.43 PPM |

IN VIEW OF THIS DATA, IT APPEARS TO US THAT THIS SOIL IS NOT CONTAMINATED TO ANY SIGNIFICANT EXTENT AND IT CERTAINLY SHOULD NOT BE CONSIDERED A HAZARDOUS MATERIAL.

ASSOCIATED LABORATORIES

HENRY M. ESPOY

HME/DSV

104

# CONSERVTECH

3655 South Soto Street Vernon, CA 90058 (213) 583-6897

Report 5/22/90 Conserv/RWCB

May 22, 1990

California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754 - 2156

Attention: Blythe Ponek

Subject: File No. AB 107.266
Subsurface Investigation/Ground Water Monitoring Program

Property Location: Pacific Coast Drum Company
2200 North Rosemead Boulevard
South El Monte, CA 91733

Dear Ms. Ponek:

This is in response to the March 29, 1990 letter from the Regional Water Quality Control Board (RWQCB) and particularly with regard to the requested ground water sampling and analysis requirement. A request was made, and approved by the RWQCB, to initiate the first sampling on May 4, 1990.

As indicated on the enclosed copies of the "Field Data, Water Quality Sampling" forms and on the "Chain-of-Custody Log", purging and sampling of MW-1 and MW-2 took place between the hours of approximately 0700 and 0940 on May 4, 1990. The water samples were retained in a chilled chest containing blue ice until delivery to the State-certified analytical testing laboratory (Associated Laboratories, Orange, CA) (also on May 4, 1990).

Copies of the reports, prepared by Associated Laboratories are enclosed. With reference to those reports, it is interesting to note that although several compounds detected in the May 1990 samples were found in somewhat greater concentration than in the October 1988 sampling, a number of the earlier compounds were not detected in the most recent sampling.

Please feel free to contact us if there are any questions concerning the enclosures.

Sincerely,

Larry W. Adams, P.E.
LWA:kc

Enclosures

cc: Pacific Coast Drum Co.

106

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900
FAX 714/538-1209

CLIENT

Conservtech
3655 South Soto
Vernon, CA 90058

Attn: Joe Feeney

LAB NO. F86147-01

REPORTED 05/15/90

SAMPLE IDENTIFICATION: Water

RECEIVED 05/04/90

Proj. No. 588051 - Pacific Drum - MW-1

BASED ON SAMPLE: As Submitted

| | | |
|---|---|---|
| **EPA Method 601** | | |
| 1,1-Dichloroethane | 0.03 | mg/l |
| Trans-1,2-Dichloroethene | 0.07 | mg/l |
| Trichloroethene | 0.02 | mg/l |
| **EPA Method 602** | | |
| Benzene | ND <0.0005 | mg/l |
| Toluene | ND <0.001 | mg/l |
| Ethyl Benzene | ND <0.002 | mg/l |
| Total Xylenes | ND <0.002 | mg/l |
| Hydrocarbons (EPA 418.1) | ND <1.0 | mg/l |

ASSOCIATED LABORATORIES

for Robert A. Webber

RAW/kkd

**NOTE:** Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical •
Microbiological •
Environmental •

C-1 10M

Client: Conservtech
Lab No.: F86147-01

| PURGEABLE ORGANICS - EPA METHOD 601 | LIMITS OF DETECTION (mg/l) |
|---|---|
| Chloromethane | ND <0.002 |
| Bromomethane | ND <0.002 |
| Dichlorodifluoromethane | ND <0.002 |
| Vinyl chloride | ND <0.002 |
| Chloroethane | ND <0.002 |
| Methylene chloride | ND <0.002 |
| Trichlorofluoromethane | ND <0.002 |
| 1,1-Dichloroethene | ND <0.002 |
| 1,1-Dichloroethane | ND <0.002 |
| trans-1,2-Dichloroethene | ND <0.002 |
| Chloroform | ND <0.002 |
| 1,2-Dichloroethane | ND <0.002 |
| 1,1,1-Trichloroethane | ND <0.002 |
| Carbon tetrachloride | ND <0.002 |
| Bromodichloromethane | ND <0.002 |
| 1,2-Dichloropropane | ND <0.002 |
| trans-1,3-Dichloropropene | ND <0.002 |
| Trichloroethene | ND <0.002 |
| Dibromochloromethane | ND <0.002 |
| 1,1,2-Trichloroethane | ND <0.002 |
| cis-1,3-Dichloropropene | ND <0.002 |
| 2-Chloroethylvinyl ether | ND <0.002 |
| Bromoform | ND <0.002 |
| 1,1,2,2-Tetrachloroethane | ND <0.002 |
| Tetrachloroethene | ND <0.002 |
| Chlorobenzene | ND <0.002 |
| 1,3-Dichlorobenzene | ND <0.002 |
| 1,2-Dichlorobenzene | ND <0.002 |
| 1,4-Dichlorobenzene | ND <0.002 |

| PURGEABLE ORGANICS - EPA METHOD 602 | LIMITS OF DETECTION (µg/l) |
|---|---|
| Benzene | ND <1.0 |
| Chlorobenzene | ND <1.0 |
| 1,2-Dichlorobenzene | ND <1.0 |
| 1,3-Dichlorobenzene | ND <1.0 |
| 1,4-Dichlorobenzene | ND <1.0 |
| Ethylbenzene | ND <1.0 |
| Toluene | ND <1.0 |

108

ASSOCIATED LABORATORIES
806 North Batavia · Orange, California 92868 · 714/771-6900
FAX 714/538-1209

CLIENT

Conservtech
3655 South Soto
Vernon, CA 90058

Attn: Joe Feeney

LAB NO. F86147-02

REPORTED 05/15/90

SAMPLE IDENTIFICATION Water

Proj. No. 588051 - Pacific Drum - MW-2

BASED ON SAMPLE As Submitted

RECEIVED 05/04/90

| | | |
|---|---|---|
| **EPA Method 601** | | |
| 1,1-Dichloroethane | 0.02 | mg/l |
| 1,1-Dichloroethane | 0.15 | mg/l |
| Trans-1,2-Dichloroethene | 0.2 | mg/l |
| Trichloroethene | 0.09 | mg/l |
| Tetrachloroethene | 0.1 | mg/l |
| **EPA Method 602** | | |
| Benzene | ND <0.0005 | mg/l |
| Toluene | ND <0.001 | mg/l |
| Ethyl Benzene | ND <0.002 | mg/l |
| Total Xylenes | ND <0.002 | mg/l |
| Hydrocarbons (EPA 418.1) | ND <1.0 | mg/l |

ASSOCIATED LABORATORIES

Robert A. Webber

RAW/kkd

**NOTE:** Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical •
Microbiological •
Environmental •

C-1 10M

Client: Conservtech
Lab No.: F86147-02

| PURGEABLE ORGANICS - EPA METHOD 601 | LIMITS OF DETECTION (mg/l) |
|---|---|
| Chloromethane | ND <0.002 |
| Bromomethane | ND <0.002 |
| Dichlorodifluoromethane | ND <0.002 |
| Vinyl chloride | ND <0.002 |
| Chloroethane | ND <0.002 |
| Methylene chloride | ND <0.002 |
| Trichlorofluoromethane | ND <0.002 |
| 1,1-Dichloroethene | ND <0.002 |
| 1,1-Dichloroethane | ND <0.002 |
| trans-1,2-Dichloroethene | ND <0.002 |
| Chloroform | ND <0.002 |
| 1,2-Dichloroethane | ND <0.002 |
| 1,1,1-Trichloroethane | ND <0.002 |
| Carbon tetrachloride | ND <0.002 |
| Bromodichloromethane | ND <0.002 |
| 1,2-Dichloropropane | ND <0.002 |
| trans-1,3-Dichloropropene | ND <0.002 |
| Trichloroethene | ND <0.002 |
| Dibromochloromethane | ND <0.002 |
| 1,1,2-Trichloroethane | ND <0.002 |
| cis-1,3-Dichloropropene | ND <0.002 |
| 2-Chloroethylvinyl ether | ND <0.002 |
| Bromoform | ND <0.002 |
| 1,1,2,2-Tetrachloroethane | ND <0.002 |
| Tetrachloroethene | ND <0.002 |
| Chlorobenzene | ND <0.002 |
| 1,3-Dichlorobenzene | ND <0.002 |
| 1,2-Dichlorobenzene | ND <0.002 |
| 1,4-Dichlorobenzene | ND <0.002 |

| PURGEABLE ORGANICS - EPA METHOD 602 | LIMITS OF DETECTION (µg/l) |
|---|---|
| Benzene | ND <1.0 |
| Chlorobenzene | ND <1.0 |
| 1,2-Dichlorobenzene | ND <1.0 |
| 1,3-Dichlorobenzene | ND <1.0 |
| 1,4-Dichlorobenzene | ND <1.0 |
| Ethylbenzene | ND <1.0 |
| Toluene | ND <1.0 |

# Field Data
# Water Quality Sampling

**PROJECT:** Pacific Coast Drum

**JOB NO.:** S88051

Well I.D. No.: MW-1 Sample I.D. No.: MW-1 Sampling Date: March 4, 1990

Personnel: E.C. Powers

**WATER LEVEL DATA**

Time: 0850 hours Depth to Water: 35.89 feet

Reference Point: Top of Casing

Reference Elevation: 234.51 feet

Static Water Level Elevation: 198.62 feet

**SAMPLING**

Time: 0940 hours Method: Teflon Bailer

Sample Containers: 4-40 ml. vials, 1-1 liter wide mouth clear glass

Special Provisions: HCL, sulfuric acid as preservatives

**WELL PURGING**

Time: 0900 - 0930 Method: Hand Pump

Calculated Well Volume: 9.6 gallons

Actual Water Volume Discharged: 55 gallons

**ANALYTICAL LABORATORY**

Samples Shipped Via: Delivered to Conservtech

Destination: Associated Laboratories

Date & Time of Arrival: See C.O.C. Record

Received by:

**FIELD ANALYSIS**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Time | 0900 | | | | | | | | 0930 | |
| Volume Purged (gallons) | 0 | | | | | | | | 55 | |
| Temperature (degrees Celsius) | 20.6 | ——— | ——— | ——— | Deviation < 5% | ——— | ——— | ——— | ——> | |
| pH | | | | | | | | | | |
| Conductivity (micromhos/cm) | 2750 | ——— | ——— | ——— | Deviation < 5% | ——— | ——— | ——— | ——> | |

Notes: Bottom of casing = 50.63 feet. Temperature and conductivity were spot checked during purge and remained constant. Instrument for recording pH was not available.



PLATE A-1.1

011

# Field Data
## Water Quality Sampling

**PROJECT:** Pacific Coast Drum

**JOB NO.:** S88051

Well I.D. No.: MW-2 Sample I.D. No.: MW-2 Sampling Date: March 4, 1990

Personnel: E.C. Powers

**WATER LEVEL DATA**

Time: 0710 hours Depth to Water: 34.64 feet

Reference Point: Top of Casing

Reference Elevation: 235.67 feet

Static Water Level Elevation: 201.03 feet

**SAMPLING**

Time: 0820 hours Method: Teflon Bailer

Sample Containers: 4-40 ml. vials, 1-1 liter wide mouth clear glass

Special Provisions: HCL, sulfuric acid as preservatives

**WELL PURGING**

Time: 0715 hours Method: Hand Pump

Calculated Well Volume: 10.5 gallons

Actual Water Volume Discharged: 55 gallons

**ANALYTICAL LABORATORY**

Samples Shipped Via: Delivered to Conservtech

Destination: Associated Laboratories

Date & Time of Arrival: See C.O.C. Record

Received by:

**FIELD ANALYSIS**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Time | 0715 | | | | | | | | 0815 | |
| Volume Purged (gallons) | 0 | | | | | | | | 55 | |
| Temperature (degrees Celsius) | 20.5 | — | — | — | Deviation < 5% | | | | → | |
| pH | | | | | | | | | | |
| Conductivity (micromhos/cm) | 2730 | — | — | — | Deviation < 5% | | | | → | |

Notes: Bottom of casing = 50.76 feet. Temperature and conductivity were spot checked during purge and remained constant. Instrument for recording pH was not available.



PLATE A-1.1

**CONSERVTECH, Inc.**
3655 S. Soto St.
Vernon, CA. 90058
(213) 583-6897

# FIELD SAMPLING DATA and CHAIN OF CUSTODY LOG

Client: CONSERVTECH
Address:
City: State: Zip Code:
Project Location: PACIFIC DRUM
Sampler: S C POWERS Project No.: 58051

Date: 5-4-90
Contractor: GTC
Driller:

| SAMPLE LOCATION (Fig. No.) | SAMPLE NO. | TIME | SAMPLE TYPE: WATER COMP | SAMPLE TYPE: WATER GRAB | SAMPLE TYPE: SOIL COMP | SAMPLE TYPE: SOIL GRAB | VOLUME | CONTAINER TYPE: STAINLESS STEEL | CONTAINER TYPE: BRASS | CONTAINER TYPE: GLASS | CONTAINER TYPE: OTHER | CONTAINER TYPE: PRESERVATIVE | ICE: YES | ICE: NO | SAMPLING METHOD | ANALYSES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MW-1 | 0829 | | X | | | | | | X | | | X | | TEFLON BAILER | 524.2 OR 601/602, 418.1 |
| | MW-2 | 0940 | | X | | | | | | X | | | X | | " | 524.2 OR 601/602, 418.1 |

SAMPLES: Seals attached YES ☐ NO ☐
RUSH: 24 HR ☐ 48 HR ☐ 72 HR ☐
Date Required:
PQLs Required: YES ☐ NO ☐
Lab QA/QC Required: YES ☐ NO ☐
Weather / Notes:

DETECTION LIMITS OF 0.5-50 µg/l FOR OHMRS
2 mg/kg FOR HYDROCARBONS

CUSTODY RECORD (Signature, Date, Time)
Relinquished: Edward C. Powers 1040 5-4-90
Received: L.T. Loggos 1046 5.4.90
Relinquished: L.T. Loggos 5-4-
Received:
Relinquished:
Received:

LABORATORY
SAMPLES: ICED YES ☐ NO ☐ SEALED YES ☐ NO ☐
Name:
Address:
City:
Phone No.:

11

# CONSERVTECH

3655 South Sepulveda Street Ventura CA 93003 (213) 583-6897

July 6, 1990

Via FAX
(Original mailed)

California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754

Attention: Blythe Ponek

Subject: File No. AB 107.266
Groundwater Monitoring Program
Pacific Coast Drum Company
2200 North Rosemead Boulevard
South El Monte, CA 91733

Dear Ms. Ponek:

Enclosed are the laboratory results for the samples taken from the groundwater monitoring wells at the subject property on June 26, 1990. The sampling was performed by Geotechnical Consultants, Inc. A copy of the chain of custody form from this organization is also included.

Please feel free to contact us if there are any questions regarding the above.

Sincerely,

Kendall Wicks for
Larry W. Adams, P.E.
LWA:kw

cc: Pacific Coast Drum Company

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900
FAX 714/538-1209

CLIENT
Pacific Coast Drum (1770)
2200 N. Rosemead Blvd.
South El Monte, CA 91733

Attn: Mr. Wm. North

LAB NO F89181
REPORTED 07/03/90
RECEIVED 06/26/90

SAMPLE Water
IDENTIFICATION South El Monte - Project #S88051
BASED ON SAMPLE As Submitted, by Consertech

| | MW-1 | MW-2 |
|---|---|---|
| Hydrocarbons (418.1) | 2.9 mg/l | 3.5 mg/l |
| **EPA Method 601** | | |
| 1,1-Dichloroethene | * ND | 0.002 mg/l |
| 1,1-Dichloroethane | 0.02 mg/l | 0.2 mg/l |
| trans-1,2-Dichloroethene | 0.04 mg/l | 0.05 mg/l |
| 1,1,1-Trichloroethane | 0.01 mg/l | 0.05 mg/l |
| 1,2-Dichloropropane | * ND | 0.002 mg/l |
| Trichloroethene | 0.002 mg/l | 0.01 mg/l |
| Tetrachloroethene | * ND | 0.01 mg/l |
| **EPA Method 602** | | |
| Benzene | 0.002 mg/l | * ND |
| Toluene | 0.003 mg/l | * ND |

* None Detected.
All other compounds were None Detected. See attached list.

Date Analyzed: 06/28/90

ASSOCIATED LABORATORIES
by:

Edward S. Behare, Ph.D.
Vice President

ESB/ql

The data in this report are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical •
Microbiological •
Environmental •

Client: Pacific Coast Drum
Lab No.: F89181
Date: July 03, 1990

| PURGEABLE ORGANICS - EPA METHOD 601 | LIMITS OF DETECTION (mg/l) |
|---|---|
| Chloromethane | ND <0.001 |
| Bromomethane | ND <0.001 |
| Dichlorodifluoromethane | ND <0.001 |
| Vinyl chloride | ND <0.001 |
| Chloroethane | ND <0.001 |
| Methylene chloride | ND <0.001 |
| Trichlorofluoromethane | ND <0.001 |
| 1,1-Dichloroethene | ND <0.001 |
| 1,1-Dichloroethane | ND <0.001 |
| trans-1,2-Dichloroethene | ND <0.001 |
| Chloroform | ND <0.001 |
| 1,2-Dichloroethane | ND <0.001 |
| 1,1,1-Trichloroethane | ND <0.001 |
| Carbon tetrachloride | ND <0.001 |
| Bromodichloromethane | ND <0.001 |
| 1,2-Dichloropropane | ND <0.001 |
| trans-1,3-Dichloropropene | ND <0.001 |
| Trichloroethene | ND <0.001 |
| Dibromochloromethane | ND <0.001 |
| 1,1,2-Trichloroethane | ND <0.001 |
| cis-1,3-Dichloropropene | ND <0.001 |
| 2-Chloroethylvinyl ether | ND <0.001 |
| Bromoform | ND <0.001 |
| 1,1,2,2-Tetrachloroethane | ND <0.001 |
| Tetrachloroethene | ND <0.001 |
| Chlorobenzene | ND <0.001 |
| 1,3-Dichlorobenzene | ND <0.001 |
| 1,2-Dichlorobenzene | ND <0.001 |
| 1,4-Dichlorobenzene | ND <0.001 |

| PURGEABLE ORGANICS - EPA METHOD 602 | LIMITS OF DETECTION (mg/l) |
|---|---|
| Benzene | ND <0.005 |
| Chlorobenzene | ND <0.005 |
| 1,2-Dichlorobenzene | ND <0.005 |
| 1,3-Dichlorobenzene | ND <0.005 |
| 1,4-Dichlorobenzene | ND <0.005 |
| Ethylbenzene | ND <0.005 |
| Toluene | ND <0.005 |

# GEOTECHNICAL CONSULTANTS, INC.
## CHAIN OF CUSTODY

Page 1 of 1

| Project Name: Pacific Coast Drum | Project Manager: Larry Adamo, Conservtech |
|---|---|
| Project Number: 5666C51. | Project Location: South El Monte. |
| Sampled by: (Printed and Written Signature) James Thurber James Thurber | |

| SAMPLE ID | DATE | TIME | MATRIX | SAMPLE LOCATION | NUMBER OF CONTAINERS | ANALYSIS REQUIRED: 601/602 | ANALYSIS REQUIRED: 418.1 | REMARKS (preservation, special analytical or turnaround requirements, duplicate sample, etc.) |
|---|---|---|---|---|---|---|---|---|
| MW-1 | 6/26 | 1325 | Water | Monitor Well No. 1 | 5 | X | X | 4 VOA vial, 1 x 1 liter |
| MW-2 | 6/26 | 1440 | " | " " No. 2 | 5 | X | X | " " |

| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | REMARKS |
|---|---|---|---|
| James Thurber | 6/26/90 3:45p. | M W Wright | 1) 7 day TAT<br>2) 0.5 to 5 ug/l PQL<br>3) Results to Larry Adamo, Conservtech<br>4) Invoice to Pacific Coast Drum, |
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | |
| Relinquished by: (Signature) | Date Time | Received by: (Signature) | Date/Time / Laboratory: Associated Laboratory Orange |

JUL-05-90 THU 11:22 CONSERVTECH P.04

PCD 0210

CONSERVTECH

3655 South Soto Street Vernon, CA 90058 . (213) 583-6897

October 1, 1990

California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754

Attention: Craig Christmann

Subject: Pacific Coast Drum Company
2200 N. Rosemead Boulevard
South El Monte, CA 91732

Well Investigation Program
File No. 107.0206

Dear Mr. Christmann:

This submittal is in partial response to the CRWQCB letter to the Pacific Coast Drum Company dated July 13, 1990. Transmitted herewith is data on the construction of the third ground water monitoring well at the subject site, data concerning that well and the results of laboratory analyses of ground water samples obtained from all three monitoring wells on the property.

Monitoring Well MW-3 was constructed on August 21, 1990. A representative of the RWQCB was present during the soil sampling, reaming of the borehole, and construction of the well.

Soil Sampling

As a preliminary step to constructing the well, a pilot bore hole was drilled using a 7 inch diameter hollow stem auger to permit obtaining undisturbed soil samples. Samples were obtained at depths of 1.0, 2.5, 5, 10, 15, 25, 30, 35, and 40 feet bgs. The sample to have been obtained at the 20 foot depth was lost due to mechanical failure of the sampling equipment.

During boring of the pilot hole, a log of subsurface lithology was maintained. That log (Attachment B) contains information on

sample depths and other details. Ground water was encountered at approximately 34.5 feet bgs.

All soil samples were obtained in 1-1/2 inch diameter by 3 inch brass sleeves. Immediately upon removal from the sampling device, each sample to be retained was end-covered with Teflon tape, capped (plastic cap), sealed with tape, labeled, placed in a protective Ziplock-type plastic bag, and placed in a chilled chest containing blue ice. Chain of custody documentation was maintained for the soil samples (Attachment A).

Prior to each soil sampling event, all down-hole sampling equipment was cleaned in a TSP solution followed by a fresh water rinse. In this regard, it should also be noted that the drill augers had been cleaned prior to arrival at the work site.

Soil samples obtained from depths of 2.5, 5, 10, and 30 feet bgs, were analyzed by methods TPH-DHS, 8020 and 8010. The results of those analyses (Attachment A) indicated that, within the detection limits of the particular analytical method followed, total hydrocarbons were "none detected". Of the compounds analyzed by Method 8010, 1,2-Dichloroethane was detected in three (3) of the four (4) soil samples analyzed and methylene chloride was detected in sample MW-3 @ 30 feet (see Attachment A for concentrations).

Monitoring Well Construction

Following soil sampling, the borehole was reamed with an 11 inch diameter hollow stem auger to a total depth of 57.5 feet as shown on the Monitoring Well Completion Details drawing presented in Attachment B.

As indicated, the well was completed with 20 feet of 4 inch I.D., 0.010 inch slotted, stainless steel screen below the water table and 10 feet above. Four inch diameter, schedule 40 PVC blank casing was installed from the screened section to the ground surface. Filter pack was installed as the auger sections were withdrawn from the boring.

A monitoring well application has been submitted to the County of Los Angeles Department of Health Services.

Monitoring Well No. MW-3 was developed on September 4, 1990. In this regard, it should be noted that the delay between completion of well construction on Friday, August 31, 1990 and development was occasioned by the time on August 31 when well construction

122

was completed, and the three day (Labor Day) weekend immediately thereafter.

Well development was accomplished by use of an electric pump and compressed air to agitate any sediments which may have settled in the bottom of the well. Two hundred and fifty (250) gallons of water were pumped from the well. The water cleared and remained clear after the first seventy five (75) gallons. The well appears to have good recharge from the surrounding aquifer as no draw-down was apparent after pumping and the well did not dry out during the developing period.

## Monitoring Well Locations and Elevations

Following completion of MW-3, all three monitoring wells at the subject property were surveyed for location (California Coordinates) and elevation. The results of that survey, by a California Registered Civil Engineer, are presented in Attachment C and are tabulated below:

| Well No. | Calif. Coordinate | Ground Surface Elev.* | Depth to Water (date) | Water Table Elev. |
|---|---|---|---|---|
| MW-1 | N4132082.0<br>E4268952.0 | 234.80 | 37.46<br>(09/13/90) | 197.34 |
| MW-2 | N4132047.0<br>E4268785.7 | 233.64 | 36.25<br>(09/13/90) | 197.39 |
| MW-3 | N4132678.1<br>E4269078.2 | 234.50 | 36.00<br>(09/12/90) | 198.50 |

* Elevations are on south rim of well box

The above tabulation also indicates water table elevations at the three monitoring wells, as measured on the dates indicated (September 12 and 13, 1990). From that data, it appears that the ground water slope, at the time of measurement, was approximately S20.1° E at a gradient of approximately 0.0023 feet per foot (approximately 12 feet per mile).

## Ground Water Sampling

Ground water sampling was accomplished on September 12 and 13, 1990. Well purging, following measurement of depth to ground wa-

123

ter, was accomplished by use of a hand operated purge pump. Approximately 4 well volumes were discharged from each well prior to initiating measurement of water temperature, pH and conductivity. Ground water sampling was accomplished by removing the purge pump from the well and withdrawing water samples by use of a new disposable bailer for each well. (Data on the purging and stabilization of water temperature, pH and conductivitiy for each well is presented in Attachment D.)

Due to the types and number of analyses to be run by the laboratory, a series of 4 VOA (40 ml) sample bottles fitted with a septum, and 2 - one gallon brown glass containers were filled for each of the three wells. Each VOA vial and 1 gallon bottle was carefully filled to eliminate space below the cap.

Each water sample was labeled and held in chilled storage until relinquishment to the State-certified testing laboratory. Chain of custody documentation was maintained for all samples (Attachment E).

## Ground Water Analyses

Laboratory reports on analysis of water samples obtained from MW-1, MW-2 and MW-3 on September 12 and 13, 1990 are presented in Attachment E. As indicated therein, the samples were analyzed by EPA Methods 625, 524.2, 608, 617 and 418.1. Additionally, analyses were performed for Nitrate, Sulfate, and for "CAM Inorganics".

Following the next sampling and analysis of MW-1, MW-2 and MW-3 (date to be established), comparisons of water quality changes since the latest sampling events (i.e. since May 4, 1990) can be made. Such subsequent analyses will provide information on MW-3 in addition to the single sample analyzed to date (i.e. as sampled on September 13, 1990).

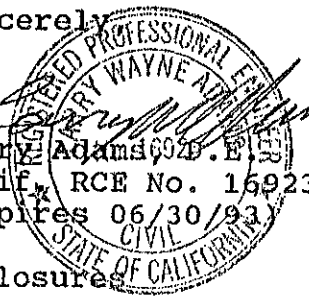
## Recommendation

Based on the determination that the slope of the ground water table in the area of the Pacific Coast Drum Company, at the time of measurement (mid-September, 1990), is to the south-southeast, it is recommended that an additional ground water monitoring well be constructed. The specific location of that fourth well should be discussed, but would be located to the north-northwest of MW-2 and MW-3, to the north of the production area and warehouses (see Drawing No. PC-C-8001 which accompanied the June 1990 Work Plan).

124

Please feel free to contact us if there are any questions on the above or concerning the attachments.

Sincerely,




Larry Adams, P.E.
Calif. RCE No. 16923
(expires 06/30/93)

Enclosures

cc: Pacific Coast Drum Company

# CONSERVTECH

3655 South Soto Street Vernon, CA 90058 (213) 583-6897

November 29, 1991

California Regional Water Quality
Control Board, Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754-2156

Attention: Craig Christmann

Subject: Soil Gas Survey
Pacific Coast Drum Company
2200 N. Rosemead Blvd.
South El Monte, CA

Reference: File No. 107.0266

This letter transmits four copies of the following document:

"Results of a Soil Gas Survey
Conducted at
Pacific Coast Drum Company

Prepared by Inland Empire Environmental Services
Colton, CA"

Conservtech has reviewed the subject document while considering the groundwater monitoring results and the analyses of soil samples taken during the drilling of those wells. The data appear to suggest the following:

1) In the area of Monitoring Well 1.

   Uncontaminated soil can be inferred from high methane concentrations and the tests run on the soil during the drilling.

   Relative to chlorinated hydrocarbons, uncontaminated water and soil directly measured and confirmed by absence of vinyl chloride.

2) In the area of Monitoring Well 2

   Relatively contaminated groundwater as obtained from monitoring data and vinyl chloride concentration in the area.

   Vinyl chloride may be due to chlorinated hydrocarbons found in the soil samples.

3) In the area of Monitoring Well 3

Relative to chlorinated hydrocarbons, uncontaminated water and soil directly measured and confirmed by absence of vinyl chloride.

Soil was shown to contain acetone which may account for the low methane concentration in the soil gases.

4) In the area of Soil Gas Survey Nodes 84 and 85

A source of chlorinated hydrocarbons may be indicated, either in the soil or groundwater.

5) In the area of Soil Gas Survey Nodes 44 and 39

A source of chlorinated hydrocarbons may be indicated, either in the soil or groundwater.

6) In the area of Soil Gas Survey Node 58

A source of chlorinated hydrocarbons may be indicated, either in the soil or groundwater.

Based on the foregoing conclusions, relative to the data available, along with the fact that it is impossible to ascertain if the noted contamination with chlorinated hydrocarbons results from materials in the soil or in the groundwater it would appear that the next logical phase in the investigation is to make a series of shallow borings in the suspect areas, analyzing soil samples for chlorinated hydrocarbons.

If you agree with our analysis we will make a specific proposal for the next phase of the investigation. We will be pleased to meet with you and discuss the data and our conclusions.

Very truly yours,

Larry W. Adams, P.E.
Calif. RCE No. 16923
(expires 06/30/93)

LWA:jc

enclosure

cc: Pacific Coast Drum Company
Inland Empire Environmental Services

INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

# RESULTS OF A SOIL GAS SURVEY CONDUCTED AT PACIFIC COAST DRUM 2200 N. ROSEMEAD BLVD. SOUTH EL MONTE, CALIFORNIA

PREPARED FOR

Pacific Coast Drum

SUBMITTED TO :

California Regional Water Quality
Control Board, Los Angeles Region
101 Centre Plaza Drive
Monterey Park, California 91754-2156

PREPARED BY :

INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, Ca. 92324

October 7, 1991

## TABLE OF CONTENTS


| | Page |
|---|---|
| INTRODUCTION ---------- | 1 |
| REGIONAL AND LOCAL GEOLOGY ---------- | 1-3 |
| FIELD SAMPLING PROCEDURE ---------- | 3-4 |
| RESULTS ---------- | 4-9 |
| INTERPRETATION OF RESULTS ---------- | 9-11 |
| TABLE 1 ---------- | 5-8 |
| TABLE 2 ---------- | 8-9 |
| FIGURE 1 - INDEX MAP | 1 |
| FIGURE 2 - GEOLOGIC STRUCTURE, NORTHEASTERN BLOCK OF THE LOS ANGELES BASIN | 2 |

MAP 1 VINYL CHLORIDE DISTRIBUTION

MAP 2 METHANE DISTRIBUTION

MAP 3 OTHER VOLATILE ORGANIC COMPOUNDS

APPENDIX A - SOIL GAS CHROMATOGRAMS FOR FID

APPENDIX B - SOIL GAS CHROMATOGRAMS FOR PID

APPENDIX C - CALIBRATIONS

APPENDIX D - ARTICLES



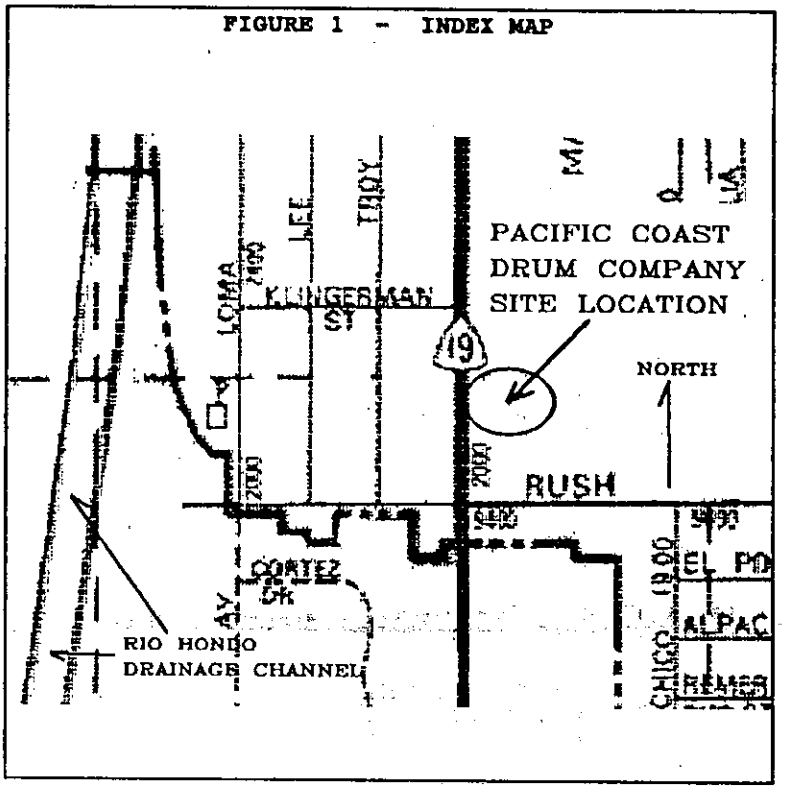
INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

## INTRODUCTION

Pacific Coast Drum is located at 2200 North Rosemead Blvd., South El Monte, California (see Figure #1 INDEX MAP). The property is currently being used as a metal drum recycling operation.

Previous investigations conducted by Conservtech have revealed the presence of solvents in the groundwater beneath the site. Based on this information, the California Regional Water Quality Control Board - Los Angeles Region required that a soil gas survey be performed to determine both background organic hydrocarbon levels and to document the lateral extent of any existing contaminant plume(s).

FIGURE 1 - INDEX MAP




The survey was carried out by Inland Empire Environmental Services. Field work was performed from 9/9/91 to 9/15/91.

Vapor samples were obtained from eighty five (85) points on the property. The locations of the points were based on a grid pattern proposed by Conservtech and approved by the Regional Water Quality Control Board. The data from this survey was used to produce contour maps showing concentrations of the vapor phase of volatile organic compounds in the subsurface.

## REGIONAL AND LOCAL GEOLOGY

Pacific Coast Drum is located in the San Gabriel Valley, the upper drainage basin for runoff from the San Gabriel Mountains to the north. The valley is bounded on the northwest by the Raymond Hill anticline and on the east by the low-lying San Jose Hills. The Puente and Repetto Hills (including the Merced Hills) form an arc along the southern part of the valley and are themselves separated by the Whittier Narrows.

The Whittier Narrows is a gap which was cut by the ancestral San Gabriel River. Presently, drainage from the San Gabriel Valley funnels thru the gap. Clastic sediments are carried from the San Gabriel Mountains southward by the Rio Hondo and San Gabriel Rivers thru the Whittier Narrows to other parts of the greater Los Angeles basin.

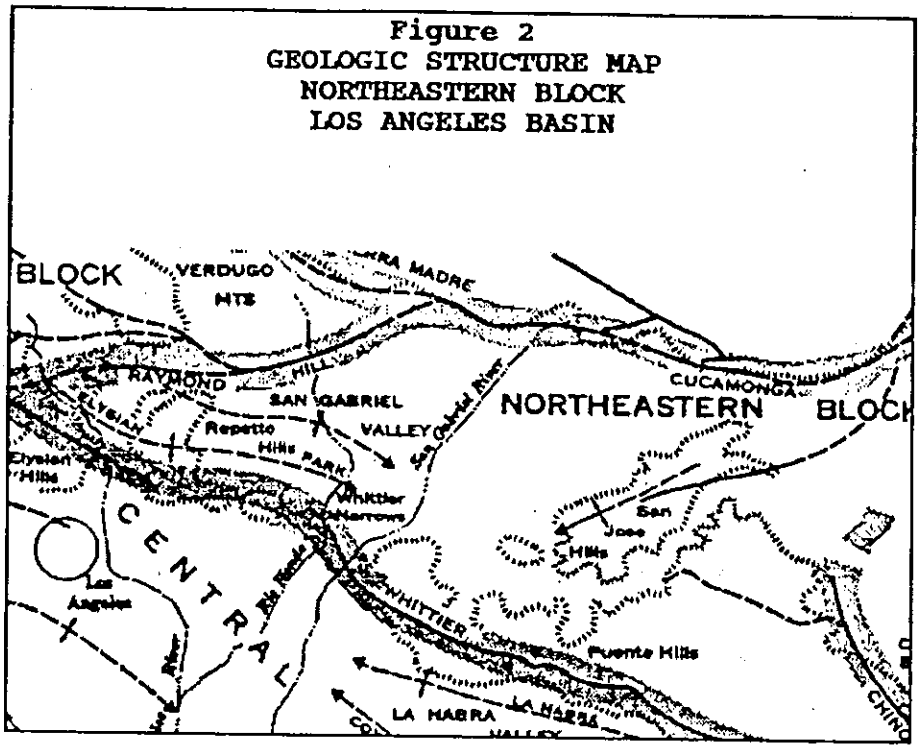



**Figure 2**
**GEOLOGIC STRUCTURE MAP**
**NORTHEASTERN BLOCK**
**LOS ANGELES BASIN**

This facility overlies the southern portion of the San Gabriel Valley structural basin. Here, Late Miocene through Recent marine and non marine sediments have been deposited on granitic and metasedimentary rocks. The major structural features in the area are the Sierra Madre-Cucamonga fault zones, the Raymond Hill Fault and the Sierra Madre Fault. The Sierra Madre and Cucamonga faults have been active from the late Middle Miocene to Recent time and have uplifted the San Gabriel Mountains in relation to the San Gabriel Valley and other inland basins of the Los Angeles region.

The sediments immediately underlying this site include Recent and older alluvium deposited by the San Gabriel River and its tributaries. These sediments include several hundred feet of interbedded clays, silts, sands (grading from fine- to coarse-grained), pebble gravel, cobbles, and boulders.

Groundwater replenishment in this basin occurs by (1) direct infiltration of rainfall and return water from irrigation on the land surface, (2) infiltration of local runoff, and (3) seepage from the Rio Hondo River and its tributaries. A review of the available records and published reports for this area indicates that the Gasper Aquifer is known to occur in the South El Monte area at a shallow depth. The groundwater levels are subject to seasonal fluctuations dependent on recharge-withdrawal



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

systematics. However, recent groundwater investigations at Pacific Coast Drum and the surrounding area demonstrate an anomalous groundwater gradient to the southeast rather than towards the Whittier Narrows as one might expect.

## FIELD SAMPLING PROCEDURES

Soil gas surveying is a field technique developed to collect and analyze organic vapors of the subsurface in real time. This survey was conducted using an SRI portable gas chromatograph which detects and characterizes these vapors to a field sensitivity, as low as, 1 part per billion (ppb). The SRI gas chromatograph is equipped with two different types of detectors. The first is a photo ionization detector (PID) and the second is a flame ionization detector (FID). The PID is sensitive to products such as benzene while the FID is more sensitive to compounds such as chlorinated hydrocarbons. As the primary compounds of interest in this survey are chlorinated hydrocarbons, the results from the FID will be of greatest concern to us.

The SRI gas chromatograph was calibrated relative to methane. A standard mixture of compounds used for EPA method 8010 was injected in both the morning and evening of the first and second day of the survey. This procedure was also followed each morning for the remainder of the survey. A neat compound of Vinyl Chloride was also injected, as well as, an EPA standard for EPA method 8020 to demonstrate the relative responses for Benzene, Toluene, Ethylbenzene, and Xylenes ( see Appendix C ).

The capillary column used during the survey was a 15 meter megabore with a 5 $\mu$m inside diameter. The carrier gas is a mixture of laboratory grade hydrogen and filtered air at a ratio of 6 parts hydrogen to 1 part air. The temperature of the column is controlled by the Peak II software which in this case was designed to hold the temperature at 40°C for five (5) minutes and then to ramp to 200°C over a period of 20 minutes.

The system used to extract vapor samples from the subsurface consists of a vapor probe which is connected to a pump by a teflon tube. Vapors are drawn from the subsurface thru the teflon tubing to the pump. As the vapors are drawn to the pump, they pass thru a series of filters (water vapor, dust) and thru a glass bulb which contains a sampling port. The pump was allowed to run for 10 seconds and a sample was obtained from the vapor stream using a Alltech gas tight syringe. Since the pump is downstream from the sampling port, no cross contamination of samples from the pump is possible.



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

At the request of the Regional Water Quality Control Board, a time series analysis was performed ( soil gas point 5 ) to insure that the vapor extraction system was being completely purged and that a representative vapor sample was obtained. This was accomplished by obtaining samples after having allowed the pump to run for 10, 20, and 30 seconds. Results from these samples showed no appreciable differences. The FID chromatograms from the timed series analysis, labeled SG5f1.chr, SG5f2.chr, and SG5f3.chr, are included with the appendix of calibrations.

The vacuum pump used to extract the soil vapor samples is an Air Cadet Vacuum/Pressure Station sold by Cole-Palmer Instrument Company. This instrument pumps at a rate of 1050 cubic inches per minute at 15" Hg and 110 volts. The standard purge time for our survey is 10 seconds which calculates to a volume of 2.87 Liters. The total volume of the system is 700 ml or .7 Liters, which includes the glass gas sampling bulb, hydro-purge cylinder, Teflon tubing and sample probe. Therefore, the system is purged approximately four (4) times before a sample of vapors are taken.

The soil probe is constructed in two stages. The outside of the probe is a metal pipe which is slightly larger than the borehole. This pipe is driven into the borehole by hand. The second stage of the probe is a metal tube inside the pipe. Once the probe has been placed at depth the second tube is pushed into soil. This second smaller tube is perforated at its base and is connected with Teflon tubing to the vacuum pump. The seal between the outside probe pipe and the annulus of the bore hole insures that ambient air from the surface is <u>not</u> drawn into the sample vacuum pump.

Bore holes were drilled through the surfacing material with a three-quarter inch impact drill. A manually operated impact hammer was used to create the five-eighths inch diameter (5/8") holes to a depth of three and a half or four feet below ground surface. The probe system was then driven into undisturbed soil and a vapor sample was collected using a sampling pump as described above.

The vapor sample was then injected into the chromatographic column. The individual components present in the soil gas were separated as they were drawn through the column by a carrier gas composed of filtered air and laboratory grade hydrogen. As each component (or group of components) exited the column and passed through the detectors, an electronic signal proportional to the amount of material was generated producing a plot of the detector response versus time and a chromatogram of the soil gas sample.



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

## RESULTS

The quantitative results of the survey for Vinyl Chloride and Methane are compiled in Table 1. Also presented in the table below are the subsurface temperatures and the barometric pressures recorded at the time of sampling. These are the values used in Maps 1 and 2. Map 3 shows the location and amounts of other compounds found on site which are presented in Table 2.

All calculations were made using published Flame Ionization Detector responses relative to the methane calibration. The equation used for the calculations takes the form:

$$\%A = \frac{\text{Area A/F}}{\Sigma \text{ Area/ F}} \text{ X } 100$$

All results are presented as parts per billion unless otherwise stated.

The component table used for the chromatograms presented in Appendix A and B were generated by comparing multiple injections of standard EPA method 8010 neat compounds.

TABLE 1

| SURVEY POINT | METHANE | VINYL CHLORIDE | GROUND TEMPERATURE | BAROMETRIC PRESSURE |
|---|---|---|---|---|
| 1 | ND | ND | 21.5 | 1053 |
| 2 | <1 | <1 | " | " |
| 3 | ND | ND | " | " |
| 4 | ND | ND | " | " |
| 5 | ND | ND | " | 1052 |
| 6 | <1 | <1 | " | 1051 |
| 7 | ND | ND | " | " |
| 8 | ND | 18.5 | " | " |
| 9 | ND | <1 | " | " |
| 10 | ND | 1 | " | " |
| 11 | ND | ND | 25.0 | " |
| 12 | 5 | <1 | " | " |



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

| SURVEY POINT | METHANE | VINYL CHLORIDE | GROUND TEMPERATURE | BAROMETRIC PRESSURE |
|---|---|---|---|---|
| 13 | ND | <1 | " | " |
| 14 | 11.6 | ND | 25.1 | 1054.5 |
| 15 | ND | ND | " | " |
| 16 | ND | 1 | " | 1055 |
| 17 | 19 | <1 | " | 1054.5 |
| 18 | 9 | <1 | " | 1054 |
| 19 | 13 | 1 | " | 1053 |
| 20 | 17 | ND | " | 1052 |
| 21 | ND | <1 | " | 1053 |
| 22 | ND | <1 | " | " |
| 23 | 9 | ND | " | " |
| 24 | ND | <1 | " | " |
| 25 | ND | 3.5 | " | " |
| 26 | ND | 1 | " | " |
| 27 | ND | 17 | " | " |
| 28 | ND | ND | 25.1 | 1056 |
| 29 | 11 | ND | " | " |
| 30 | ND | <1 | " | 1055.5 |
| 31 | 12 | <1 | 25.0 | 1055 |
| 32 | ND | <1 | " | |
| 33 | 10 | <1 | " | 1054.5 |
| 34 | 13 | 1 | " | " |
| 35 | 12 | 1 | " | 1054 |
| 36 | 6 | 2.5 | " | 1053.5 |
| 37 | 10 | 3 | " | 1053 |
| 38 | 8.5 | 2.5 | " | " |
| 39 | ND | 2.6 | " | 1052.5 |
| 40 | ND | 2.6 | " | 1052 |



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

| SURVEY POINT | METHANE | VINYL CHLORIDE | GROUND TEMPERATURE | BAROMETRIC PRESSURE |
|---|---|---|---|---|
| 41 | ND | 3 | 24.9 | 1053 |
| 42 | 8 | ND | " | 1054 |
| 43 | ND | 2 | " | " |
| 44 | ND | 15.6 | " | " |
| 45 | ND | ND | 24.7 | 1056 |
| 46 | ND | ND | " | " |
| 47 | 16 | ND | " | 1057 |
| 48 | ND | ND | " | " |
| 49 | 28 | ND | " | " |
| 50 | 24 | ND | " | " |
| 51 | ND | ND | " | " |
| 52 | 21 | ND | " | " |
| 53 | 21 | ND | " | 1056 |
| 54 | 18 | <1 | " | 1055 |
| 55 | 25 | <1 | " | 1054 |
| 56 | 10 | <1 | " | " |
| 57 | 10 | ND | " | " |
| 58 | ND | 30 | " | " |
| 59 | 15 | ND | " | " |
| 60 | 43 | ND | " | " |
| 61 | 42 | ND | 24.7 | 1054 |
| 62 | 40 | ND | " | 1055 |
| 63 | 38 | ND | " | " |
| 64 | 40 | ND | " | " |
| 65 | 28 | ND | " | " |
| 66 | 43 | ND | " | " |
| 67 | 36 | ND | " | 1054 |
| 68 | 36 | ND | " | " |



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

| SURVEY POINT | METHANE | VINYL CHLORIDE | GROUND TEMPERATURE | BAROMETRIC PRESSURE |
|---|---|---|---|---|
| 69 | 38 | ND | " | " |
| 70 | 38 | ND | " | 1053.5 |
| 71 | 38 | ND | " | 1052.5 |
| 72 | 41 | ND | " | 1051.5 |
| 73 | 37 | ND | " | " |
| 74 | 36 | ND | " | " |
| 75 | 34 | ND | " | 1052 |
| 76 | 34 | ND | " | 1052.5 |
| 77 | 43 | ND | " | 1053 |
| 78 | 37 | ND | " | " |
| 79 | 43 | ND | " | " |
| 80 | 43 | ND | " | " |
| 81 | 41 | ND | " | " |
| 82 | ND | ND | " | " |
| 83 | ND | ND | " | " |
| 84 | ND | ND | " | " |
| 85 | ND | ND | " | " |

Several unknown peaks appear toward the end of the program run at approximately 18 and 22 minutes. Although no attempt has been made to qualitatively identify them, they do appear to be consistent with heavy types of petroleum hydrocarbons ( see Appendix A ).

Below is a listing of other organic compounds noted on the site in addition to methane and vinyl chloride.

Table 2

| | | |
|---|---|---|
| SG-2 | M-Xylene | 1 ppb |
| | trans-1,2 Dichloroethane | 1.5 ppb |
| SG-7 | 1,1,1-Trichloroethene | <1 trace |
| SG-9 | Toluene | <1 trace |



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

| | | |
|---|---|---|
| SG-16 | Toluene | 4.5 ppb |
| SG-18 | Toluene | 8 ppb |
| SG-20 | Ethylbenzene | <1 trace |
| SG-29 | Benzene | <1 trace |
| SG-30 | Benzene | 17 ppb |
| SG-37 | Bromodichloromethane | 1.5 ppb |
| SG-56 | Methylene Chloride | 13 ppb |
| SG-59 | Benzene | 3 ppb |
| | TCE | 2 ppb |
| | Toluene | 4 ppb |
| | Bromodichloromethane | 4 ppb |
| SG-65 | Methylene Chloride | 2 ppb |

## INTERPRETATION OF RESULTS

The results of this soil gas survey are presented on Map 1 (vinyl chloride), Map 2 (methane) and Map 3 (other compounds). Map 1 and Map 2 are contour maps which show the concentrations of vinyl chloride and methane detected in the subsurface at Pacific Coast Drum. Map 3 shows the location of points where other compounds were detected. These compounds were not widespread enough to generate a contour map and are simply shown as the points at which they were detected.

Previous investigations by Conservtech have documented the presence of chlorinated hydrocarbons in the groundwater beneath the site. The problem of chlorinated hydrocarbons in groundwater is one that plagues the entire San Gabriel Valley and has caused the area to be designated a Superfund site.

The most widespread chlorinated solvent in soil and in groundwater in the San Gabriel Valley is TCE. TCE in soil or groundwater undergoes a complex series of reactions in which it evolves into a number of daughter products, one of which is vinyl chloride. An example of the evolution of is illustrated by the following experiment. A sample of commercial grade TCE was obtained and placed in a VOA bottle. A vapor sample from the bottle was run and compared to a laboratory standard for TCE. The TCE in the VOA bottle had broken down into a number of different daughter products, including vinyl chloride. The chromatogram of the material in the bottle is contained in Appendix C.



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

The soil gas survey detected vinyl chloride at a number of points and TCE at only one. It is suspected that the presence of vinyl chloride may be a fingerprint for series of related chlorinated solvents which occur as a interacting system. Vinyl chloride is one of the most volatile products from this system of reactions. Conditions in the subsurface may have been such that TCE and other products of this group of compounds were not volatilized while the more volatile vinyl chloride was.

Map 1 shows the concentration of vinyl chloride in the vapor phase in the subsurface. The soil gas survey does not conclusively determine the medium from which the vapor phase originated. Results of the soil gas survey cannot determine whether the vapors detected came from material which volatilized from the soil or from the groundwater.

It is suspected that the four separate areas of vapor phase vinyl chloride shown on Map 1 originated from corresponding plumes of chlorinated solvents in the groundwater. There are two lines of evidence which support this. The first is the known presence of a host chlorinated hydrocarbons, including vinyl chloride, in the groundwater beneath the site. The second reason is the shape and size of the plumes. The shapes of the plumes are more consistent with transport of contaminants in groundwater than in soil. Also, the plumes are in excess of 100 feet in length. It would require a volume of TCE inconsistent with it's general usage to migrate in excess of 100 feet in soil. A much smaller volume of material would be required to produce a similar sized plume in groundwater.

Map 2 shows the concentrations of methane in the subsurface. Map 2 is almost a mirror image of Map 1 in the sense that the areas of high concentrations of methane are areas of low concentrations of vinyl chloride. The opposite is also true, with areas of high concentrations of vinyl chloride being areas of low concentrations of methane. The reasons for this apparent relationship are not entirely clear. It may be due to methanotropic bacteria in the subsurface. Methanotropic bacteria use methane as a substrate and biodegrade chlorinated hydrocarbons by a oxidizing reaction. These bacteria have been the subject of a number of study's trying to develop a method of in situ remediation for chlorinated solvents. In the presence of chlorinated solvents, these bacteria may have begun the biodegradation process and depleted the area of methane. Two articles on biotransformation of chlorinated solvents are contained in Appendix D.

Map 3 does not show any discernable pattern. The compounds detected at these points may be due to small amounts of contaminants in the soil.

The nature of contour maps should be pointed out at this time. If the vapor phase is originating from a corresponding plume in the



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

The nature of contour maps should be pointed out at this time. If the vapor phase is originating from a corresponding plume in the groundwater as suspected, this represents a dynamic system. The contour maps would then represent a snapshot in time of the conditions that were present at the time of the survey. It would be expected that over time the pattern of the vapor phase shown on the contour maps would shift. The shift would be in the direction of the groundwater gradient, to the southeast. The rate at which this occurs would be dependent on the rate at which groundwater moves beneath the site.

The work completed in this soil gas survey has been performed by Inland Empire Environmental Services. The work has been performed in accordance with the professional practices and standards currently accepted in the Geotechnical/ Environmental Consulting Industry. No other warranty is either expressed or implied.

If you have any questions regarding the survey procedures or the site interpretation please feel free to call.

Lawrence P. Pearce

Lawrence P. Pearce

Project Manager
IEES
CPG #3873
REA #2580

William Campbell

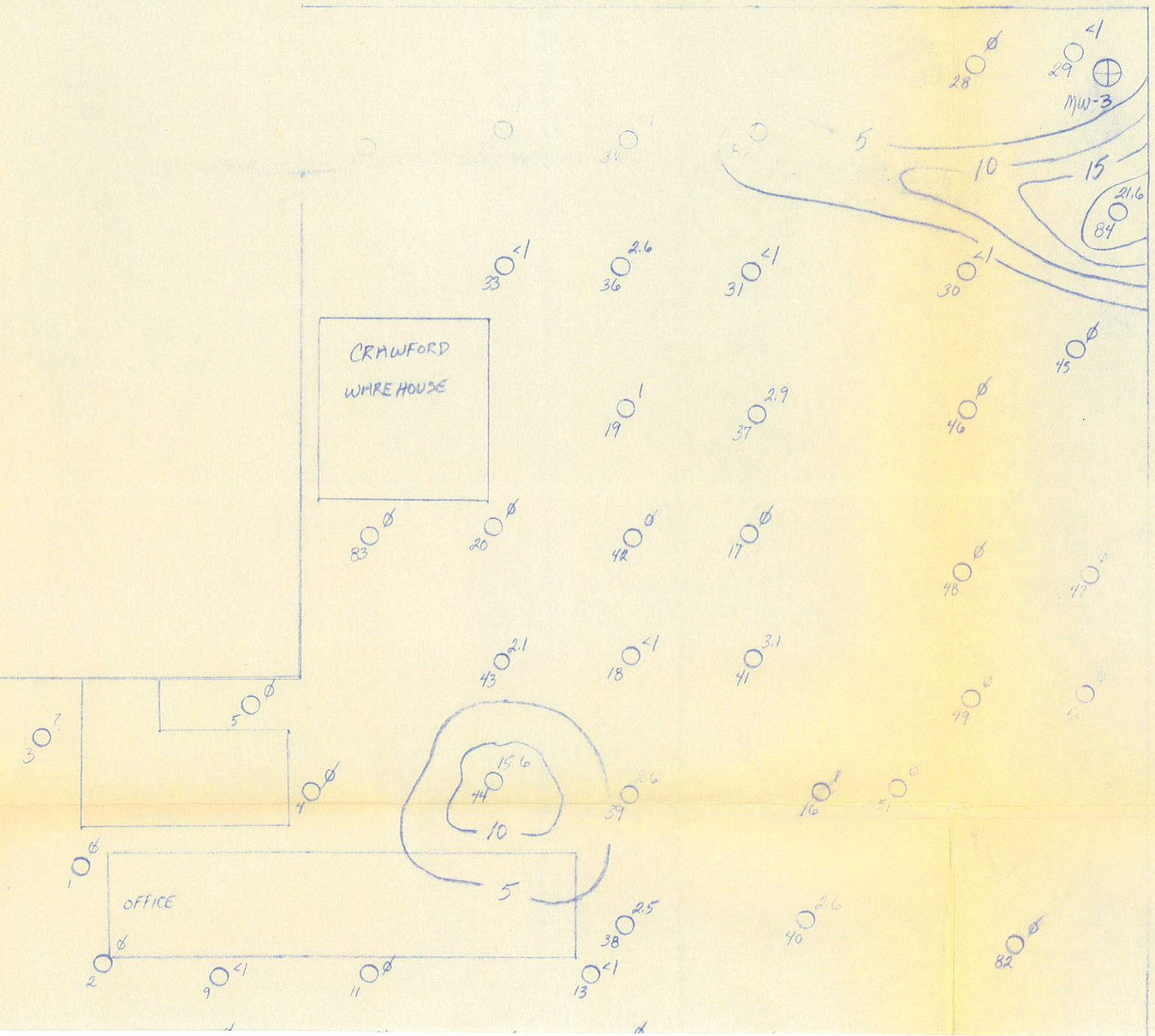
William Campbell

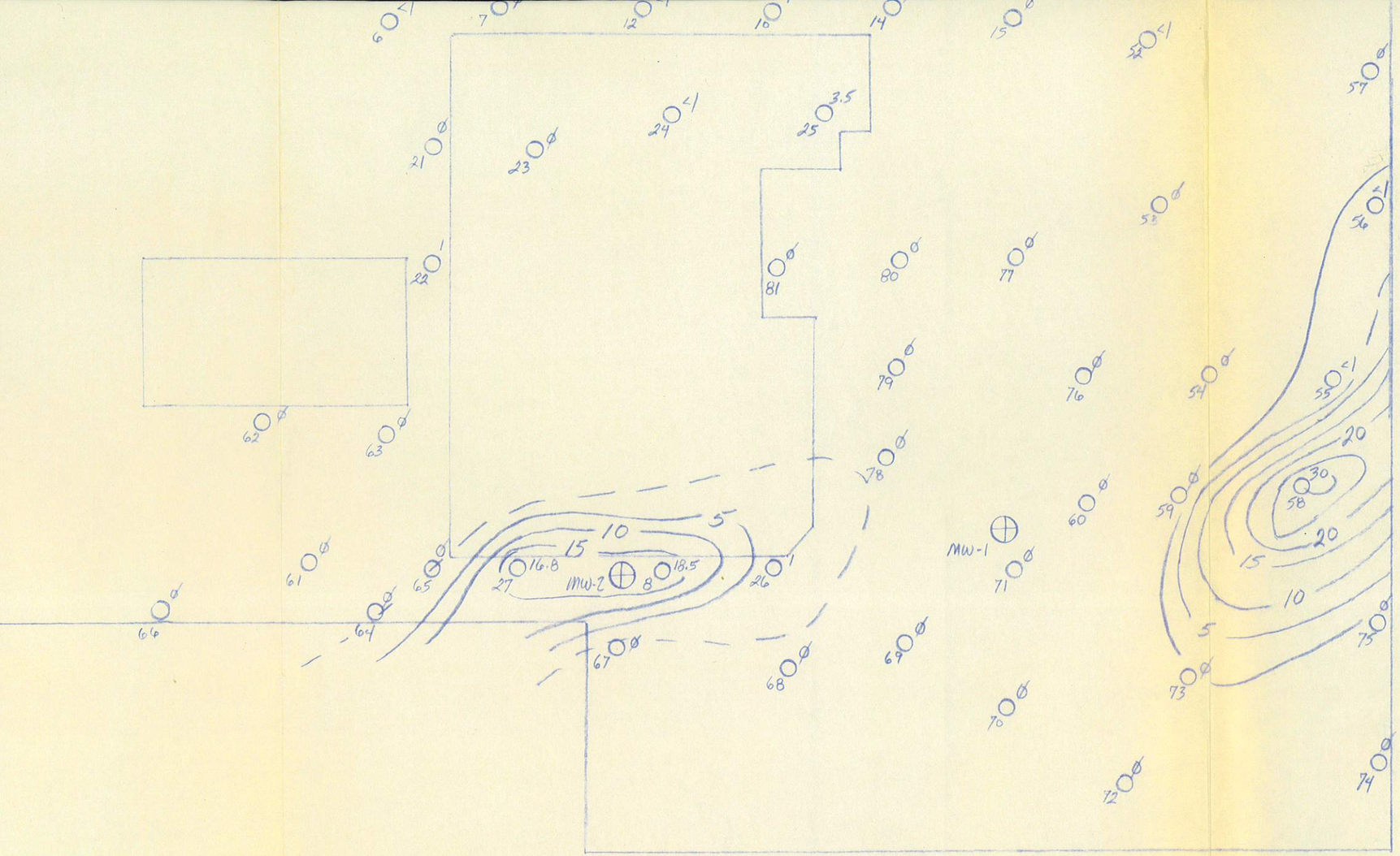
Geologist



INLAND EMPIRE ENVIRONMENTAL SERVICES
7291 Ashley Ave.
Colton, CA 92324
(714) 872-0501 (714) 338-3674

VINYL CHLORIDE

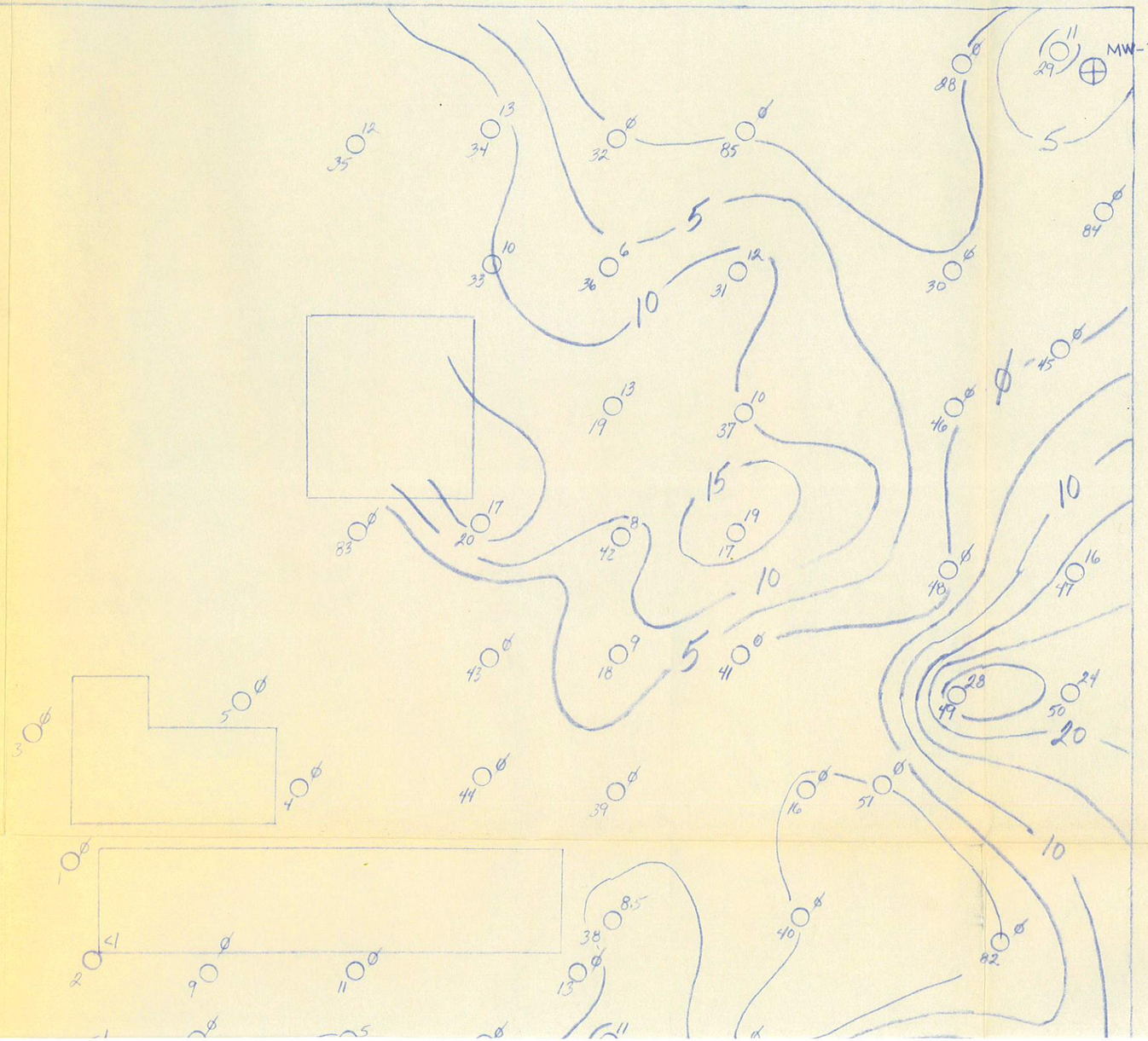


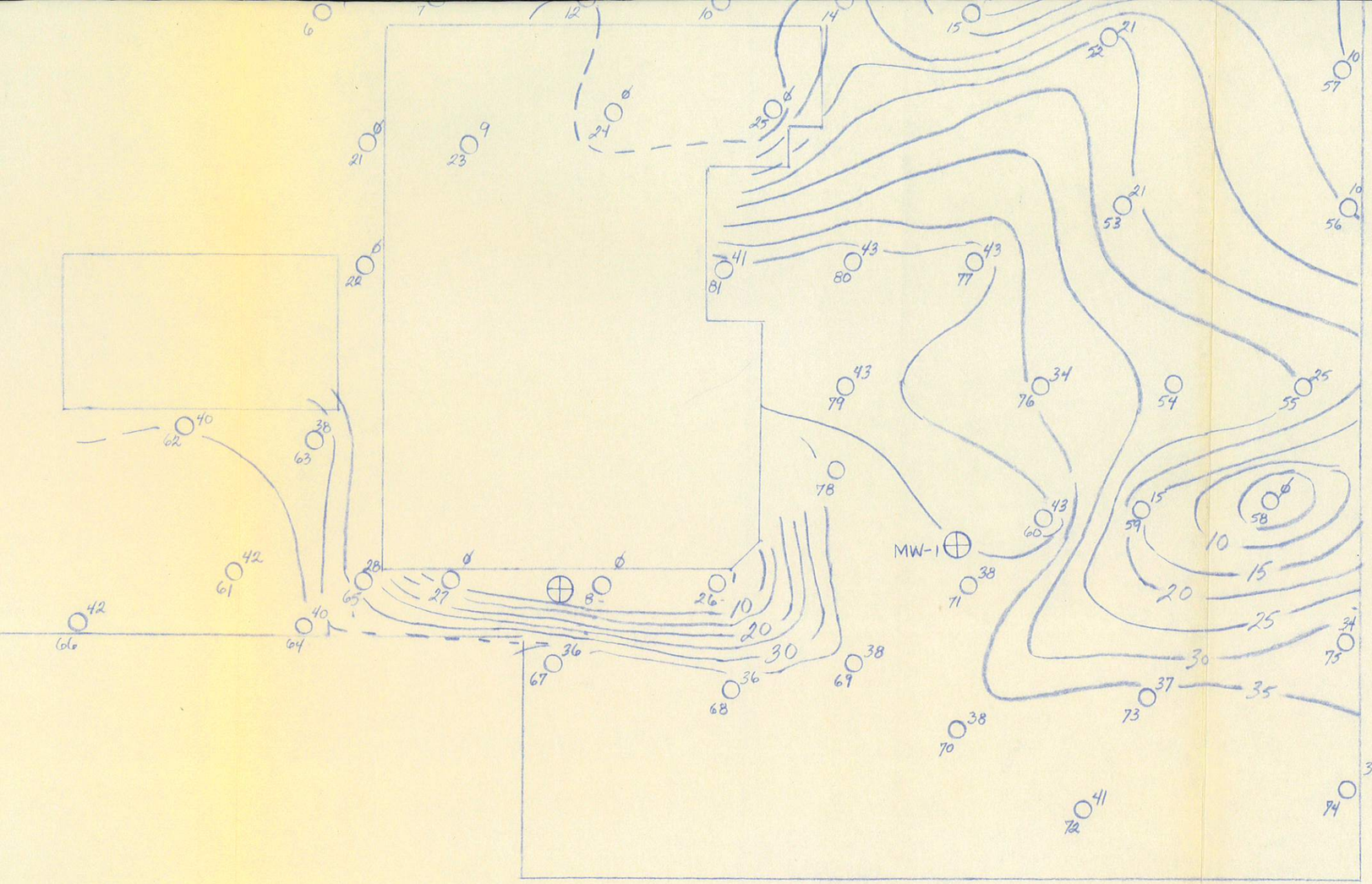



PACIFIC COAST DRUM CO.

MAP # 1

# METHANE






COMPONENT AMOUNT
19 SOIL GAS SAMPLE POINT
17 SURVEY NUMBER

GROUNDWATER MONITORING WELL

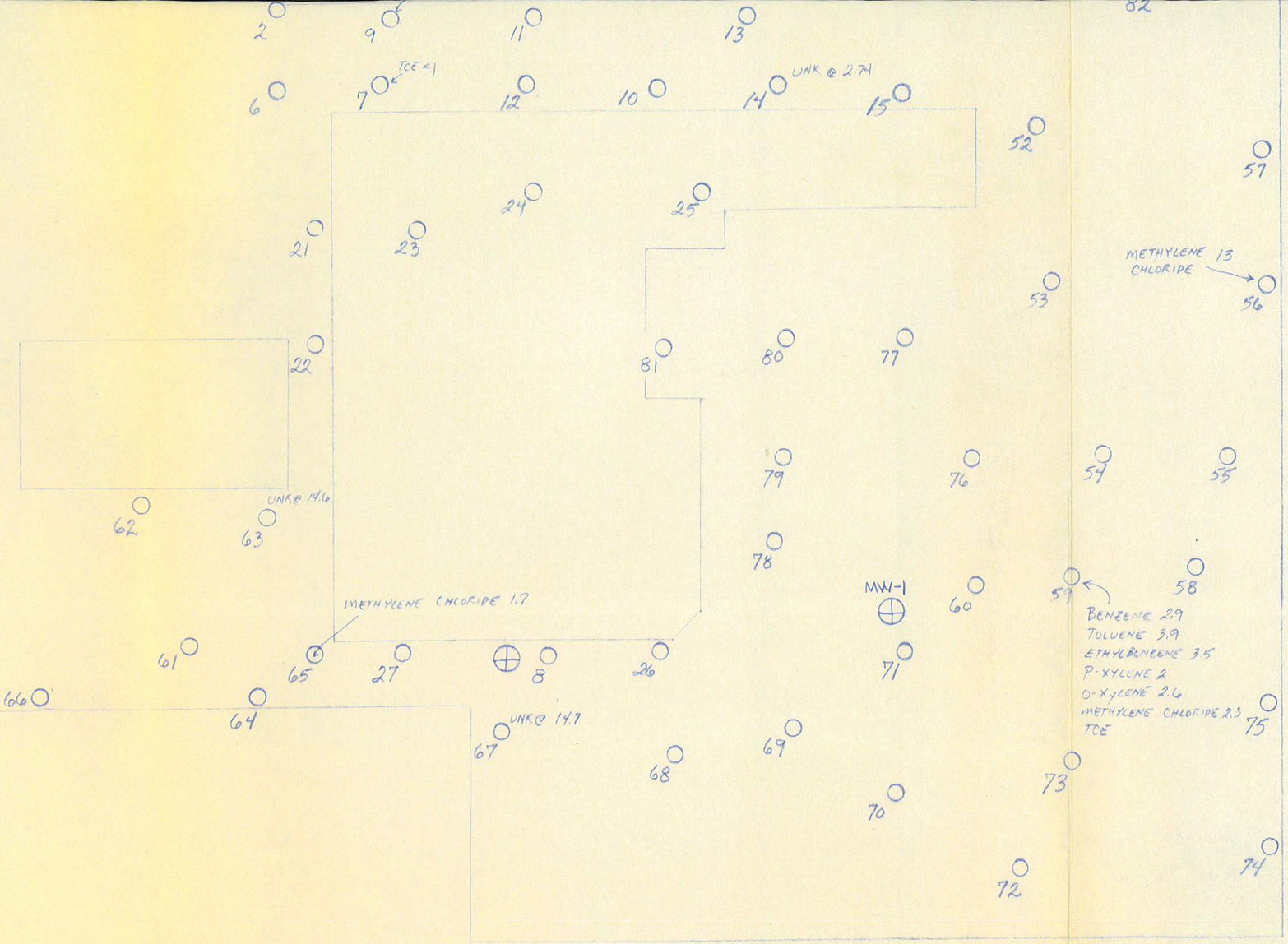
0 50 100 FEET
SCALE IN FEET

CONTOUR INTERVAL 5 ppb

PACIFIC COAST DRUM CO

MAP #2

BENZENE <1
UNK @ 8.44
UNK @ 4.85
28
29
MW-3
35
34
32
85
84
BENZENE 16.7
33
36
31
30
45
BROMODICHLOROMETHANE 1.35
19
37
46
ETHYL BENZENE <1
UNK @ 7.98
83
20
12
17
UNK @ 6.78
48
47
TOLUENE 8
43
18
41
49
50
NORTH
5
3
TOLUENE 4.43
4
44
39
16
51
BENZENE <1
M-XYLENE 1.2
TRANS 1, 2-DICHLOROETHANE 1.5
1
TOLUENE <1
38
40




○ SOIL GAS SAMPLE POINT

⊕ GROUNDWATER MONITORING WELL

0 50 100 FEET

SCALE IN FEET

PACIFIC COAST DRUM CO.

MAP #3

# SOIL ASSESSMENT REPORT

# DITTY CONTAINER CORPORATION
# 2226 ROSEMEAD BOULEVARD
# SOUTH EL MONTE, CALIFORNIA

**Prepared for:**

**Keefner Environmental Engineering**
**12055 Ashworth Street**
**Artesia, California 90701**

**Prepared by:**

**ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC.**
**23276 Del Lago Drive**
**Laguna Hills, California 92653**
**(949) 457-9664**
**Fax (949) 457-0664**

**Project EST1670**

**March 9, 1999**

# TABLE OF CONTENTS


Page

LIMITATIONS AND WARRANTIES

1.0 INTRODUCTION ..... 1

2.0 PROJECT OBJECTIVES ..... 1

3.0 SCOPE OF WORK ..... 1

4.0 FIELD METHODS AND PROCEDURES ..... 2

- 4.1 Soil Boring, Soil Sample Collection and Handling ..... 2
- 4.2 Field Screening and Lithologic Classification of Soil ..... 2
- 4.3 Depth-to-Groundwater Assessment and Boring Completion ..... 2
- 4.4 Soil Sample Analyses ..... 3

5.0 SITE ASSESSMENT RESULTS ..... 3

- 5.1 Classification of Geologic Materials ..... 3
- 5.2 Depth-to-Groundwater ..... 3
- 5.3 Analyses Results for Soil Samples ..... 3

TABLES

1. Summary of Historical Groundwater Elevation Gaging Data
2. Summary of Laboratory Analyses Results for Soil Samples

FIGURES

1 Site Location Map
2 Approximate Locations of Soil Borings and Groundwater Monitoring Wells

APPENDICES

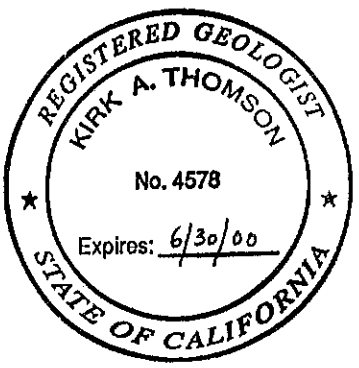
A. Unified Soil Classification System Criteria
B. Soil Boring Logs
C. Laboratory Analyses Reports and Chain-of Custody Documentation for Soil Samples

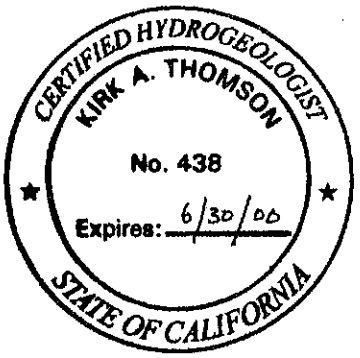
# LIMITATIONS AND WARRANTIES

Environmental Support Technologies, Inc. (EST) prepared this *Soil Assessment Report* for the exclusive use of Keefner Environmental Engineering and assigned interested parties only. The services described within this document were performed in accordance with generally accepted professional consulting principles and practices. No other warranty, expressed or implied, is made.

The information contained in this report was based on measurements performed in specific areas during a specific time period. EST's professional opinions and conclusions are based in part on interpretation of data from discrete sampling or measurement locations that may not represent actual conditions at unsampled or unmeasured locations.

EST assumes no responsibility for issues arising from changes in environmental standards, practices, or regulations subsequent to performance of site assessment work. In the event that any changes occur in waste management practices, site conditions, or uses of the property, the conclusions and recommendations contained in this document should be reviewed and modified or verified in writing by EST. EST does not warrant the accuracy of information supplied by others, nor the use of segregated portions of this document.



Kirk A. Thomson, R.G., C.HG.,R.E.A., M.S
Project Manager/Principal Hydrogeologist

Michael E. Tye
Project Hydrogeologist

March 9, 1999

# 1.0 INTRODUCTION

Environmental Support Technologies, Inc. (EST) prepared this *Soil Assessment Report* to describe field procedures and to document laboratory analytical results for soil samples collected at Ditty Container Corporation (subject site) located at 2226 Rosemead Boulevard in South El Monte, California. The approximate location of the subject site is shown in **Figure 1**. The subsurface investigation was performed to provide data to support the in-place abandonment of an underground storage tank (UST).

# 2.0 PROJECT OBJECTIVES

The objectives of the subsurface investigation were to:

- Assess the potential impact of previous site usage on soil in the vicinity of a 3,000-gallon concrete UST;
- Assess the current depth-to-groundwater beneath the UST of concern.

# 3.0 SCOPE OF WORK

The soil investigation included the following work elements:

- Underground utility clearance and concrete-drilling at the proposed sampling locations;
- Advancing two (2) soil borings to approximately 21 feet below grade using hydraulic-push/percussion methods;
- Collection of soil samples at approximately 5, 10, and 20 feet below grade from each of the soil borings;
- Advancing each of the borings to first-encountered groundwater upon completion of soil sampling;
- Gaging depth-to-groundwater;
- Back-filling and surface completion of the soil borings;
- Laboratory analyses of six (6) soil samples for total petroleum hydrocarbons (TPHs) following EPA Method 418.1 and for volatile organic compounds (VOCs) following EPA Method 8240.

# 4.0 FIELD METHODS AND PROCEDURES

Field methods and procedures used to perform the subsurface investigation are briefly summarized in the following sections.

## 4.1 SOIL BORING, SOIL SAMPLE COLLECTION AND HANDLING

A site map showing the approximate locations of the soil borings is provided in **Figure 2**. The proposed soil boring locations were cleared of underground utilities by EST and Underground Service Alert (USA). Following the utilities clearance, EST drilled through concrete paving materials. Each soil boring was then advanced using hydraulic-push/percussion methods. Soil cuttings were not generated during the subsurface investigation. Discrete soil samples were collected using a split-barrel sampler fitted with stainless-steel sampling sleeves. Soil samples were collected at approximately 5, 10 and 20 feet below grade in each of the borings. The soil samples were identified using the following labeling system:

*DC-BX-Y*

*Where DC- indicated the Ditty Container Corporation site;*
*BX- indicated the boring number;*
*Y- indicated the soil sample depth.*

Upon recovery, Parafilm™ and tight-fitting plastic caps were placed over the ends of the sleeves containing soil. The sleeves were then labeled, enclosed in separate plastic bags, and placed in a refrigerator.

## 4.2 FIELD SCREENING AND LITHOLOGIC CLASSIFICATION OF SOIL

A portion of each soil sample was screened in the field for total organic vapors (TOVs) using a hand-held photo-ionization detector (PID) calibrated to an isobutylene gas standard. Field TOV measurements were recorded on the soil boring logs. Soil samples were visually inspected in the field and classified using the Unified Soil Classification System (USCS). USCS criteria are provided in **Appendix A**.

## 4.3 DEPTH-TO-GROUNDWATER ASSESSMENT AND BORING COMPLETION

Upon completion of soil sampling, the soil borings were advanced to first-encountered groundwater. Depth-to-groundwater was gaged using a decontaminated Solinst™ electronic water level sounder graduated in 0.01-foot increments. After gaging depth-to-groundwater, each of the soil borings was back-filled with cement/bentonite slurry and completed at grade using concrete patch material.

### 4.4 SOIL SAMPLE ANALYSES

Six soil samples were transported, under chain-of-custody, to a state-certified analytical laboratory for analyses. The soil analyses were performed by Sierra Laboratories located in Laguna Hills, California (ELAP No. 1805). The soil samples were analyzed for total petroleum hydrocarbons (TPHs) following EPA Method 418.1, and for volatile organic compounds (VOCs) following EPA Method 8240.

## 5.0 SITE ASSESSMENT RESULTS

Encountered site lithology, current depth-to-groundwater, and soil sample analyses results are discussed in the following sections.

### 5.1 CLASSIFICATION OF GEOLOGIC MATERIALS

Each of the soil borings was advanced through approximately 10-inch-thick concrete paving at grade. Geologic material encountered below paving to approximately 20 feet below grade was silty fine-grained sand (USCS designation SM). The SM material ranged from very dark grayish-brown (Munsell color 2.5YR 3/2) at approximately five feet below grade to light olive-brown (Munsell color 10YR 7/1) at approximately 10 feet below grade. The SM unit was well-sorted and moist. A transition to medium-grained sand with silt (USCS Classification SM) was observed at approximately 20 feet below grade. The deeper SM material was light-gray (Munsell color 10YR 7/1), well-sorted, and moist. Similar lithologic materials were observed in each boring. Soil boring logs are provided in **Appendix B**.

### 5.2 DEPTH-TO-GROUNDWATER

Groundwater was encountered at approximately 20.50 feet below grade in the borings. Depth-to-groundwater (DTW) was verified by gaging nearby monitoring well MW-1. Recent and historical groundwater elevation gaging data are summarized in **Table 1**.

### 5.3 ANALYSES RESULTS FOR SOIL SAMPLES

Laboratory analytical reports and chain-of-custody documentation for the soil samples are provided in **Appendix C**. Soil sample analyses results are summarized in **Table 2**. TPHs were detected in 1 of 6 soil samples above the laboratory method detection limit of 10 milligrams per kilogram (mg/kg). TPHs were detected in soil sample DC-B2-20 at a concentration of 273 mg/kg. Soil sample DC-B2-20 was collected from approximately 20 feet below grade near the northwest corner of the UST. Concentrations of VOCs, including toluene and total (meta+para+ortho-isomers) xylene were detected in 2 of 6 soil samples. The detected concentration of toluene was 6.3 micrograms per kilogram (µg/kg) in soil sample DC-B1-5. Soil sample DC-B1-5 was collected from approximately 5 feet below grade near the southeastern corner of the UST. The detected concentrations of total xylene were 43 µg/kg in soil sample DC-B1-5 and 8.1 µg/kg in soil sample DC-B2-20.

# TABLES

# TABLE 1

## SUMMARY OF HISTORICAL GROUNDWATER ELEVATION GAGING DATA

**Subject Site**
**2226 North Rosemead Boulevard, South El Monte, California**

03/01/99 KEEFNER GAGING

| *Well Identification* | *Gaging Date* | *Wellhead Elevation* | *Depth to Water (feet)* | *Groundwater Elevation (feet AMSL)* |
|---|---|---|---|---|
| ***MW-1*** | 10/28/93 | 234.80 | 25.50 | 209.30 |
| | 11/18/93 | | 25.25 | 209.55 |
| | 01/19/94 | | 24.67 | 210.13 |
| | 02/16/94 | | 24.37 | 210.43 |
| | 03/18/94 | | 23.97 | 210.83 |
| | 04/20/94 | | 23.72 | 211.08 |
| | 02/24/99 | | 20.36 | 214.44 |
| ***MW-2*** | 10/28/93 | 233.64 | 24.66 | 208.98 |
| | 11/18/93 | | 24.47 | 209.17 |
| | 01/19/94 | | 23.92 | 209.72 |
| | 02/16/94 | | 23.62 | 210.02 |
| | 03/18/94 | | 23.24 | 210.40 |
| | 04/20/94 | | 22.97 | 210.67 |
| | 02/24/99 | | 19.60 | 214.04 |
| ***MW-3*** | 10/28/93 | 234.50 | 25.12 | 209.38 |
| | 11/18/93 | | 24.84 | 209.66 |
| | 01/19/94 | | 24.12 | 210.38 |
| | 02/16/94 | | 23.70 | 210.80 |
| | 03/18/94 | | 23.28 | 211.22 |
| | 04/20/94 | | 23.01 | 211.49 |
| | 02/24/99 | | 19.00 | 215.50 |

*(feet AMSL) = feet above mean sea level*

# TABLE 2

## SUMMARY OF LABORATORY ANALYSES RESULTS FOR SOIL SAMPLES

### DITTY CONTAINER CORPORATION
### 2226 ROSEMEAD BOULEVARD, SOUTH EL MONTE, CALIFORNIA

03/08/99

KEENER SOIL ANALYSES RESULTS

| Sampling Date | Sample Identification | Sample Depth (feet) | EPA Method 418.1 TRPHs (mg/kg) | Detected EPA Method 8240 Analytes | |
|---|---|---|---|---|---|
| | | | | Toluene (ug/kg) | Total Xylene (ug/kg) |
| 02/24/99 | DC-B1-5 | 5 | ND<10 | **6.3** | **43** |
| | DC-B1-10 | 10 | ND<10 | ND<3 | ND<3 |
| | DC-B1-20 | 20 | ND<10 | ND<3 | ND<3 |
| | DC-B2-5 | 5 | ND<10 | ND<3 | ND<3 |
| | DC-B2-10 | 10 | ND<10 | ND<3 | ND<3 |
| | DC-B2-20 | 20 | **273** | ND<3 | **8.1** |

*TRPHs = total recoverable petroleum hydrocarbons*
*Total Xylene = Meta+Para+Ortho-Isomers*
*(mg/kg) = milligrams (of compound) per kilogram (of soil)*
*(ug/kg) = micrograms (of compound) per kilogram (of soil)*

# FIGURES

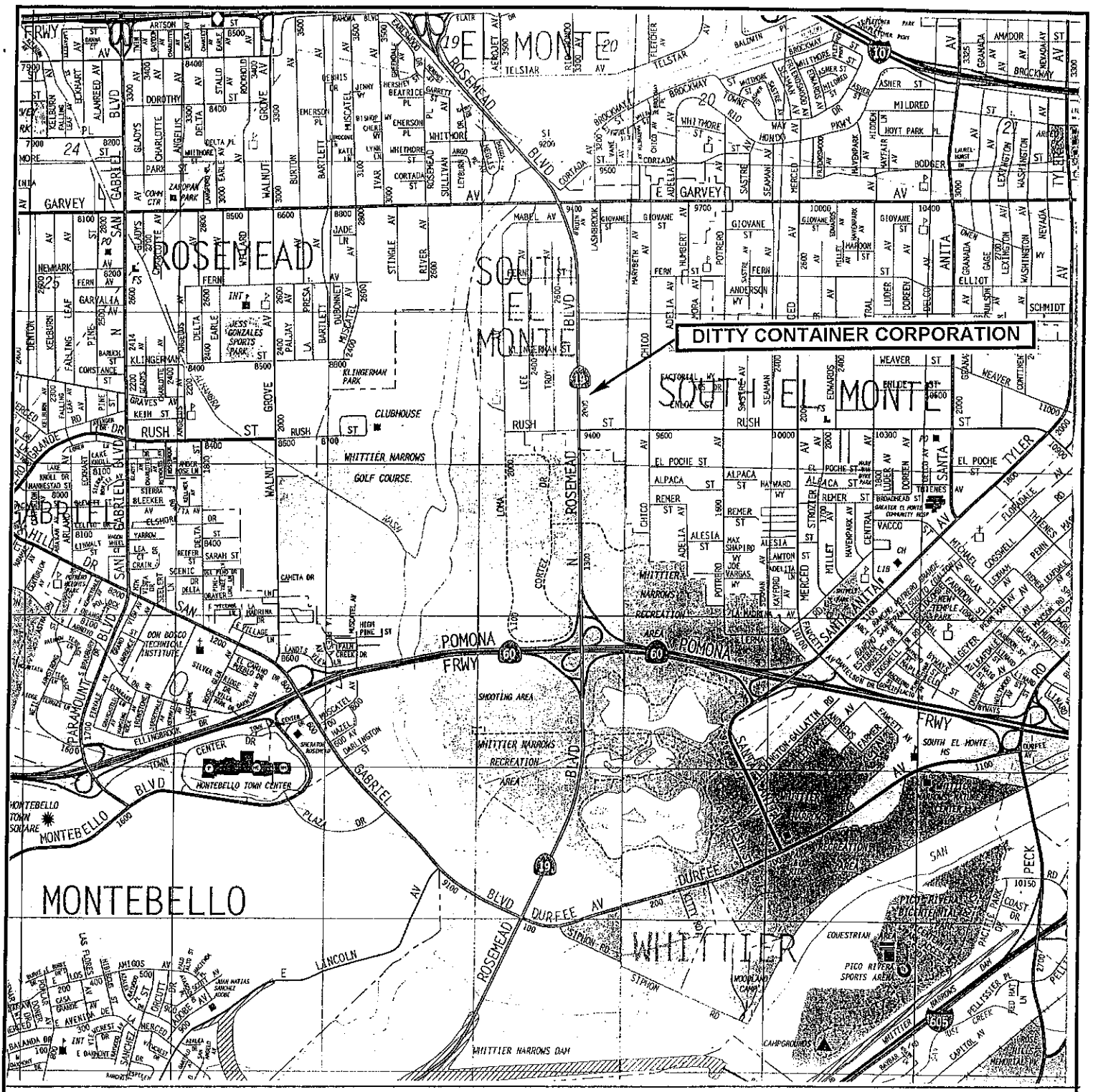
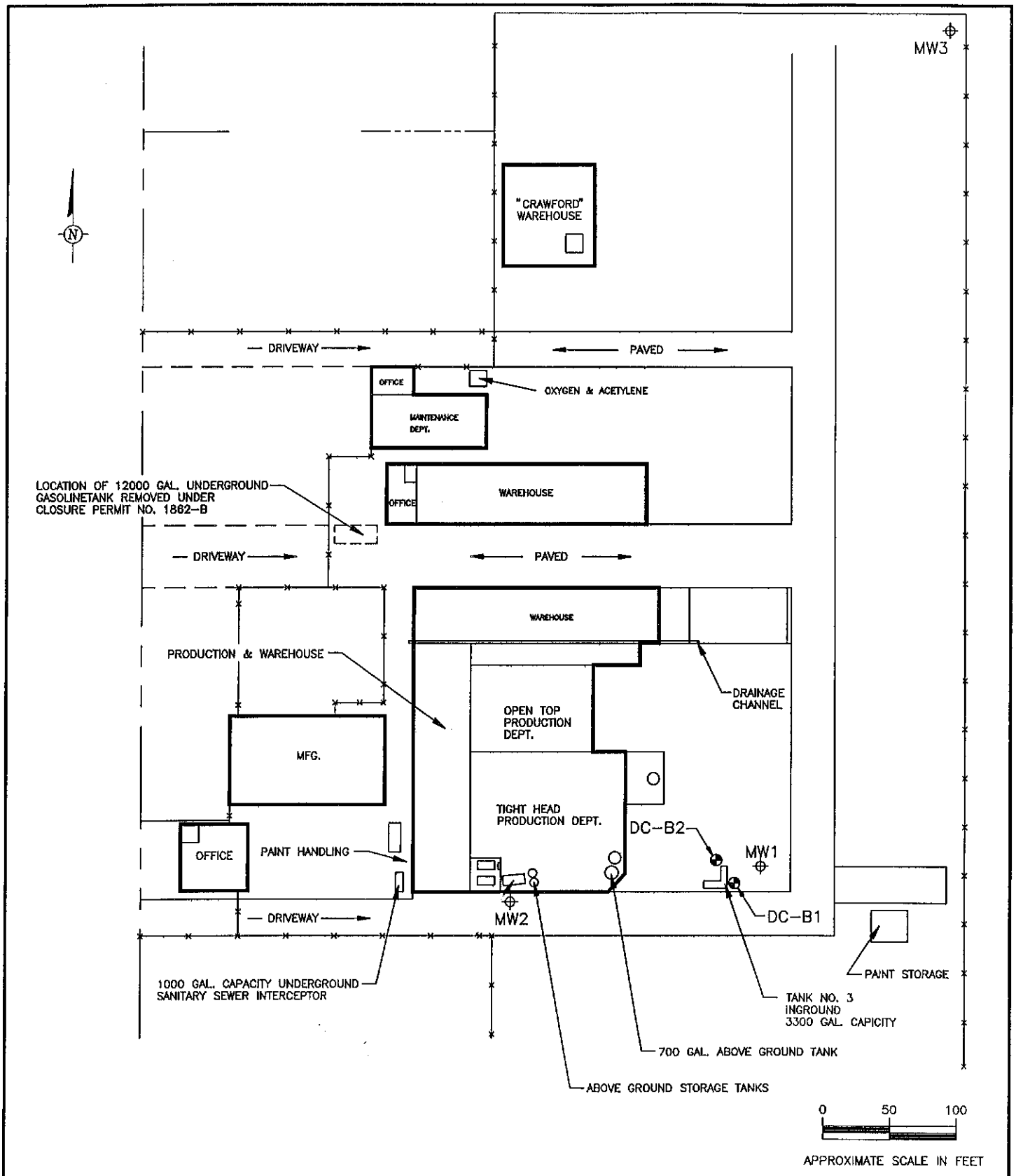



FIGURE 1
SITE LOCATION MAP
DITTY CONTAINER CORPORATION
2226 N. ROSEMEAD BOULEVARD, SOUTH EL MONTE, CALIF.
EST1670/SOIL ASSESSMENT REPORT

*Source of map: Thomas Bros., Los Angeles and Orange Counties, 1997.*




## EXPLANATION

| | |
|---|---|
| DC-B1 | APPROXIMATE LOCATION OF A SOIL BORING WITH ASSOCIATED BORING NUMBER |
| MW1 | APPROXIMATE LOCATION OF A GROUNDWATER MONITORING WELL |

REFERENCE: ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC.

FIGURE 2

APPROXIMATE LOCATIONS OF SOIL BORINGS AND GROUNDWATER MONITORING WELLS

DITTY CONTAINER CORPORATION
2226 ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA
EST1670/SOIL ASSESSMENT REPORT

DRAWN BY: JST SCALE: AS SHOWN DATE: 3-9-99

E1670-1C.DWG

# APPENDICES

# Appendix A

# USCS CRITERIA

# Unified Soil Classification System

Compiled by B. W. Pipkin, University of Southern California

| MAJOR DIVISIONS | | | GROUP SYMBOLS | TYPICAL NAMES |
|---|---|---|---|---|
| COARSE-GRAINED SOILS More than half of material is larger than no. 200 sieve size. | GRAVELS More than half of coarse fraction is larger than no. 4 sieve size. | Clean gravels | GW | Well-graded gravels, gravel-sand mixtures, little or no fines. |
| | | | GP | Poorly graded gravels, gravel-sand mixtures, little or no fines. |
| | | Gravels with fines | GM | Silty gravels, gravel-sand-silt mixtures. |
| | | | GC | Clayey gravels, gravel-sand-clay mixtures. |
| | SANDS More than half of coarse fraction is smaller than no. 4 sieve size. | Clean sands | SW | Well-graded sands, gravelly sands, little or no fines. |
| | | | SP | Poorly graded sands, gravelly sands, little or no fines. |
| | | Sands with fines | SM | Silty sands, sand-silt mixtures. |
| | | | SC | Clayey sands, sand-clay mixtures. |
| FINE-GRAINED SOILS More than half of material is smaller than no. 200 sieve size. | SILTS AND CLAYS | Low liquid limit. | ML | Inorganic silts and very fine sands, rock flour, silty or clayey fine sands, or clayey silts, with slight plasticity. |
| | | | CL | Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays. |
| | | | OL | Organic silts and organic silty clays of low plasticity. |
| | | High liquid limit. | MH | Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts. |
| | | | CH | Inorganic clays of high plasticity, fat clays. |
| | | | OH | Organic clays of medium to high plasticity, organic silts. |
| Highly organic soils | | | Pt | Peat and other highly organic silts. |

NOTES:

1. Boundary Classification: Soils possessing characteristics of two groups are designated by combinations of group symbols. For example, GW-GC, well-graded gravel-sand mixture with clay binder.
2. All sieve sizes on this chart are U.S. Standard.
3. The terms "silt" and "clay" are used respectively to distinguish materials exhibiting lower plasticity from those with higher plasticity. The minus no. 200 sieve material is silt if the liquid limit and plasticity index plot below the "A" line on the plasticity chart (next page), and is clay if the liquid limit and plasticity index plot above the "A" line on the chart.
4. For a complete description of the Unified Soil Classification System, see "Technical Memorandum No. 3-357," prepared for Office, Chief of Engineers, by Waterways Equipment Station, Vicksburg, Mississippi, March 1953. (See also Data Sheet 17.)

APPENDIX A
USCS CRITERIA
DITTY CONTAINER CORPORATION
2226 N. ROSEMEAD BOULEVARD, SOUTH EL MONTE, CALIF.
EST1670/SOIL ASSESSMENT REPORT

# Appendix B

# SOIL BORING LOGS

# SOIL BORING LOG



ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC.
23276 DEL LAGO DRIVE
LAGUNA HILLS, CALIFORNIA 92653
(949) 457-9664
FAX (949) 457-0664

| | |
|---|---|
| PROJECT NAME: DITTY CONTAINER CORPORATION | BORING NUMBER: DC-B1 |
| PROJECT No.: EST1670 | BORING LOGGED BY: M. TYE |
| BEGIN DRILLING: 08:42 2-24-99 | DRILLING CONTRACTOR: ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC. |
| END DRILLING: 09:22 2-24-99 | DRILLING METHOD: HYDRAULIC PUSH/PERCUSSION |
| | SITE LOCATION: 2226 N. ROSEMEAD BLVD., SOUTH EL MONTE, CALIFORNIA |

| TIME | DEPTH | BLOW COUNTS | PERCENT RECOVERY | TOVs | USCS SYMBOL | LITHOLOGIC DESCRIPTION | USCS SOIL TYPE | SOIL GAS SAMPLE |
|---|---|---|---|---|---|---|---|---|
| | 0' | | | | | CONCRETE ~ 10" thick | | |
| | 5' | | | ND AS ISOBUTYLENE | | Very dark grayish-brown (2.5YR 3/2) silty fine SAND, moist; well sorted. | SM | DC-B1-5' (LAB) |
| | 10' | | | ND AS ISOBUTYLENE | | Light olive brown (2.5YR 5/3) silty fine SAND, moist; well sorted. | SM | DC-B1-10' (LAB) |
| | 15' | | | | | | | |
| | 20' | | | ND AS ISOBUTYLENE | | Light gray (10YR 7/1) medium SAND, moist; well sorted. ▽ Groundwater encountered at approximately 20.50 feet (2-24-99) Total Depth = 21 feet | SM | DC-B1-20' (LAB) |

D. P. = direct-push
TOV = total organic vapors (field measurement)
LAB = soil sample analyzed by certified laboratory

ppm = parts per million
(xx) = sum of last two blow counts
NS = not sampled
SIEVE = sieve analysis performed

Unified Soil Classification System
ND = not detected
Archived = soil sample archived at laboratory
N/A = not applicable

1) USCS Classifications are field derived.
2) Color designations are Munsell.
3) Subsurface information from boring logs depict conditions only at specific locations and dates indicated. Soil conditions at other locations may differ from conditions at these locations. Also the conditions at these locations may change with time.

Prepared by Michael Tye

Reviewed by Kl A. Thomson

E1670-1A.DWG

# SOIL BORING LOG



ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC.
23276 DEL LAGO DRIVE
LAGUNA HILLS, CALIFORNIA 92653
(949) 457-9664
FAX (949) 457-0664

| | |
|---|---|
| PROJECT NAME: DITTY CONTAINER CORPORATION | BORING NUMBER: DC-B2 |
| PROJECT No.: EST1670 | BORING LOGGED BY: M. TYE |
| BEGIN DRILLING: 10:05 2-24-99 | DRILLING CONTRACTOR: ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC. |
| END DRILLING: 10:52 2-24-99 | DRILLING METHOD: HYDRAULIC PUSH/PERCUSSION |
| | SITE LOCATION: 2226 N. ROSEMEAD BLVD., SOUTH EL MONTE, CALIFORNIA |

| TIME | DEPTH | BLOW COUNTS | PERCENT RECOVERY | TOVs | USCS SYMBOL | LITHOLOGIC DESCRIPTION | USCS SOIL TYPE | SOIL GAS SAMPLE |
|---|---|---|---|---|---|---|---|---|
| | 0' | | | | | CONCRETE ~ 10" thick | | |
| | 5' | | | ND AS ISOBUTYLENE | | Very dark grayish-brown (2.5YR 3/2) silty fine SAND, moist; well sorted. | SM | DC-B2-5' (LAB) |
| | 10' | | | ND AS ISOBUTYLENE | | Light olive brown (2.5YR 5/3) silty fine SAND, moist; well sorted. | SM | DC-B2-10' (LAB) |
| | 15' | | | | | | | |
| | 20' | | | ND AS ISOBUTYLENE | | Light gray (10YR 7/1) medium SAND, moist; well sorted. | SM | DC-B2-20' (LAB) |
| | | | | | | ▽ Groundwater encountered at approximately 20.50 feet (2-24-99) | | |
| | | | | | | Total Depth = 21 feet | | |

D. P. = direct-push
TOV = total organic vapors (field measurement)
LAB = soil sample analyzed by certified laboratory

ppm = parts per million
(xx) = sum of last two blow counts
NS = not sampled
SIEVE = sieve analysis performed

Unified Soil Classification System
ND = not detected
Archived = soil sample archived at laboratory
N/A = not applicable

1) USCS Classifications are field derived.
2) Color designations are Munsell.
3) Subsurface information from boring logs depict conditions only at specific locations and dates indicated. Soil conditions at other locations may differ from conditions at these locations. Also the conditions at these locations may change with time.

Prepared by Michael Tye

Reviewed by Kl A. Thomson

E1670-1B.DWG

# Appendix C

# LABORATORY ANALYSES REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION FOR SOIL SAMPLES

SIERRA
ANALYTICAL

Date: 3/5/99

| | | | |
|---|---|---|---|
| **Environmental Support Technologies, Inc.** | | Client Project Number: | Ditty Container |
| **23276 Del Lago Dr.** | | Date Sampled: | 2/24/99 |
| **Laguna Hills, CA 92653** | | Date Samples Received: | 2/24/99 |
| Attention: | Mr. Kevin Aardahl | Sierra Project No.: | 9902-440 |

Attached are the results of the chemo-physical analysis of the sample(s) from the project identified above.

The samples were received by Sierra Laboratories, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analysis were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report. If you require additional retaining time, please advise us.

Richard K. Forsyth
Laboratory Director

Reviewed

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of theclient to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.

26052 Merit Circle Suite 105, Laguna Hills, California 92653
Telephone: (949) 348-9389 Fax: (949) 348-9115
E-Mail: sierralabs@earthlink.net

| | | | |
|---|---|---|---|
| **Environmental Support Technologies, Inc.** | | **Date Sampled:** | 2/24/99 |
| **23276 Del Lago Drive** | | **Date Received:** | 2/24/99 |
| **Laguna Hills, CA 92653** | | **Date Prepared:** | 3/1/99 |
| | | **Date Analyzed:** | 3/1/99 |
| **Sierra Project No.:** | 9902-440 | **Analyst:** | WCH |
| **Client Project ID:** | Ditty Container | | |
| **Sample Matrix:** | Soil | **Report Date:** | 3/4/99 |

## VOLATILE ORGANICS - (GC/MS)
## EPA METHOD 8240

| | Concentration, µg/kg | | | | |
|---|---|---|---|---|---|
| **Client Sample No.:** | DCB1-5' | DCB1-10' | DCB1-20' | DCB2-5' | **Method Detection Limit, µg/kg** |
| **Sierra Sample No.:** | 3677 | 3678 | 3679 | 3680 | |
| **COMPOUNDS:** | | | | | |
| Acrolein | ND | ND | ND | ND | 10 |
| Acrylonitrile | ND | ND | ND | ND | 10 |
| Acetone | ND | ND | ND | ND | 10 |
| Benzene | ND | ND | ND | ND | 3 |
| Bromodichloromethane | ND | ND | ND | ND | 3 |
| Bromomethane | ND | ND | ND | ND | 3 |
| Bromoform | ND | ND | ND | ND | 3 |
| 2-Butanone | ND | ND | ND | ND | 20 |
| Carbon tetrachloride | ND | ND | ND | ND | 3 |
| Chlorobenzene | ND | ND | ND | ND | 3 |
| Chloroethane | ND | ND | ND | ND | 3 |
| 2-Chloroethyl vinyl ether | ND | ND | ND | ND | 3 |
| Chloroform | ND | ND | ND | ND | 3 |
| Chloromethane | ND | ND | ND | ND | 3 |
| Dibromochloromethane | ND | ND | ND | ND | 3 |
| 1,2-Dichlorobenzene | ND | ND | ND | ND | 3 |
| 1,3-Dichlorobenzene | ND | ND | ND | ND | 3 |
| 1,4-Dichlorobenzene | ND | ND | ND | ND | 3 |
| 1,1-Dichloroethane | ND | ND | ND | ND | 3 |
| 1,2-Dichloroehtane | ND | ND | ND | ND | 3 |
| 1,1-Dichloroethylene | ND | ND | ND | ND | 3 |
| trans-1,2-Dichloroethene | ND | ND | ND | ND | 3 |
| 1,2-Dichloropropane | ND | ND | ND | ND | 3 |
| cis-1,3-Dichloropropane | ND | ND | ND | ND | 3 |
| trans-1,3-Dichloropropane | ND | ND | ND | ND | 3 |
| Ethyl Benzene | ND | ND | ND | ND | 3 |

CONTINUED

| | | | |
|---|---|---|---|
| **Environmental Support Technologies, Inc.** | | **Date Sampled:** | 2/24/99 |
| **23276 Del Lago Drive** | | **Date Received:** | 2/24/99 |
| **Laguna Hills, CA 92653** | | **Date Prepared:** | 3/1/99 |
| | | **Date Analyzed:** | 3/1/99 |
| **Sierra Project No.:** | 9902-440 | **Analyst:** | WCH |
| **Client Project ID:** | Ditty Container | | |
| **Sample Matrix:** | Soil | **Report Date:** | 3/4/99 |

## EPA METHOD 8240 CONTINUED

| | Concentration, µg/kg | | | | |
|---|---|---|---|---|---|
| **Client Sample No.:** | DCB1-5' | DCB1-10' | DCB1-20' | DCB2-5' | **Method Detection Limit, µg/kg** |
| **Sierra Sample No.:** | 3677 | 3678 | 3679 | 3680 | |
| **COMPOUNDS:** | | | | | |
| 2-Hexanone | ND | ND | ND | ND | 20 |
| 4-Methyl-2-pentanone | ND | ND | ND | ND | 20 |
| Methylene Chloride | ND | ND | ND | ND | 3 |
| Styrene | ND | ND | ND | ND | 3 |
| Tetrachloroethene | ND | ND | ND | ND | 3 |
| Toluene | 6.3 | ND | ND | ND | 3 |
| Total Xylenes | 43 | ND | ND | ND | 3 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | ND | 3 |
| 1,1,1-Trichloroethane | ND | ND | ND | ND | 3 |
| 1,1,2-Trichloroethane | ND | ND | ND | ND | 3 |
| Trichloroethylene | ND | ND | ND | ND | 3 |
| Trichlorofluoromethane | ND | ND | ND | ND | 3 |
| Vinyl Chloride | ND | ND | ND | ND | 3 |
| Dilution Factor | 1 | 1 | 1 | 1 | **QC Limits** |
| %Surrogate Recoveries: | | | | | |
| Dibromoflouromethane | 90 | 86 | 88 | 90 | 80-120 |
| Toluene-d8 | 90 | 90 | 89 | 90 | 81-117 |
| 4-Bromofluorobenzene | 94 | 92 | 96 | 94 | 74-121 |

**Quality Assurance/Quality Control Data**

**QC Sample ID:** 9902-440

| **Compounds** | **LCS % Rec.** | **Spike % Rec.** | **Spike Dup % Rec.** | **QC Limits** | **RPD** | **QC Limits** |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 92 | 105 | 104 | 50-150 | 1 | 0-30 |
| Trichloroethene | 79 | 94 | 108 | 71-157 | 14 | 0-30 |
| Benzene | 100 | 119 | 108 | 37-151 | 10 | 0-30 |
| Toluene | 89 | 109 | 97 | 47-150 | 12 | 0-30 |
| Chlorobenzene | 66 | 75 | 69 | 37-160 | 8 | 0-30 |

ND means Not Detected

Reporting Limit (RL) = Method Detection Limit (MDL) x Dilution Factor

| | | | |
|---|---|---|---|
| **Environmental Support Technologies, Inc.** | | **Date Sampled:** | 2/24/99 |
| **23276 Del Lago Drive** | | **Date Received:** | 2/24/99 |
| **Laguna Hills, CA 92653** | | **Date Prepared:** | 3/1/99 |
| | | **Date Analyzed:** | 3/1/99 |
| **Sierra Project No.:** | 9902-440 | **Analyst:** | WCH |
| **Client Project ID:** | Ditty Container | | |
| **Sample Matrix:** | Soil | **Report Date:** | 3/4/99 |

## VOLATILE ORGANICS - (GC/MS)
## EPA METHOD 8240

| | Concentration, µg/kg | | | | |
|---|---|---|---|---|---|
| **Client Sample No.:** | DCB2-10' | DCB2-20' | | | **Method Detection Limit, µg/kg** |
| **Sierra Sample No.:** | 3681 | 3682 | | | |
| **COMPOUNDS:** | | | | | |
| Acrolein | ND | ND | | | 10 |
| Acrylonitrile | ND | ND | | | 10 |
| Acetone | ND | ND | | | 10 |
| Benzene | ND | ND | | | 3 |
| Bromodichloromethane | ND | ND | | | 3 |
| Bromomethane | ND | ND | | | 3 |
| Bromoform | ND | ND | | | 3 |
| 2-Butanone | ND | ND | | | 20 |
| Carbon tetrachloride | ND | ND | | | 3 |
| Chlorobenzene | ND | ND | | | 3 |
| Chloroethane | ND | ND | | | 3 |
| 2-Chloroethyl vinyl ether | ND | ND | | | 3 |
| Chloroform | ND | ND | | | 3 |
| Chloromethane | ND | ND | | | 3 |
| Dibromochloromethane | ND | ND | | | 3 |
| 1,2-Dichlorobenzene | ND | ND | | | 3 |
| 1,3-Dichlorobenzene | ND | ND | | | 3 |
| 1,4-Dichlorobenzene | ND | ND | | | 3 |
| 1,1-Dichloroethane | ND | ND | | | 3 |
| 1,2-Dichloroehtane | ND | ND | | | 3 |
| 1,1-Dichloroethylene | ND | ND | | | 3 |
| trans-1,2-Dichloroethene | ND | ND | | | 3 |
| 1,2-Dichloropropane | ND | ND | | | 3 |
| cis-1,3-Dichloropropane | ND | ND | | | 3 |
| trans-1,3-Dichloropropane | ND | ND | | | 3 |
| Ethyl Benzene | ND | ND | | | 3 |

CONTINUED

| | | | |
|---|---|---|---|
| **Environmental Support Technologies, Inc.** | | **Date Sampled:** | 2/24/99 |
| **23276 Del Lago Drive** | | **Date Received:** | 2/24/99 |
| **Laguna Hills, CA 92653** | | **Date Prepared:** | 3/1/99 |
| | | **Date Analyzed:** | 3/1/99 |
| **Sierra Project No.:** | 9902-440 | **Analyst:** | WCH |
| **Client Project ID:** | Ditty Container | | |
| **Sample Matrix:** | Soil | **Report Date:** | 3/4/99 |

## EPA METHOD 8240 CONTINUED

| | Concentration, µg/kg | | | | |
|---|---|---|---|---|---|
| **Client Sample No.:** | DCB2-10' | DCB2-20' | | | **Method Detection Limit, µg/kg** |
| **Sierra Sample No.:** | 3681 | 3682 | | | |
| **COMPOUNDS:** | | | | | |
| 2-Hexanone | ND | ND | | | 20 |
| 4-Methyl-2-pentanone | ND | ND | | | 20 |
| Methylene Chloride | ND | ND | | | 3 |
| Styrene | ND | ND | | | 3 |
| Tetrachloroethene | ND | ND | | | 3 |
| Toluene | ND | ND | | | 3 |
| Total Xylenes | ND | 8.1 | | | 3 |
| 1,1,2,2-Tetrachloroethane | ND | ND | | | 3 |
| 1,1,1-Trichloroethane | ND | ND | | | 3 |
| 1,1,2-Trichloroethane | ND | ND | | | 3 |
| Trichloroethylene | ND | ND | | | 3 |
| Trichlorofluoromethane | ND | ND | | | 3 |
| Vinyl Chloride | ND | ND | | | 3 |
| Dilution Factor | 1 | 1 | | | **QC Limits** |
| %Surrogate Recoveries: | | | | | |
| Dibromoflouromethane | 89 | 86 | | | 80-120 |
| Toluene-d8 | 89 | 83 | | | 81-117 |
| 4-Bromofluorobenzene | 93 | 89 | | | 74-121 |

**Quality Assurance/Quality Control Data**

**QC Sample ID:** 9902-440

| **Compounds** | **LCS % Rec.** | **Spike % Rec.** | **Spike Dup % Rec.** | **QC Limits** | **RPD** | **QC Limits** |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 92 | 105 | 104 | 50-150 | 1 | 0-30 |
| Trichloroethene | 79 | 94 | 108 | 71-157 | 14 | 0-30 |
| Benzene | 100 | 119 | 108 | 37-151 | 10 | 0-30 |
| Toluene | 89 | 109 | 97 | 47-150 | 12 | 0-30 |
| Chlorobenzene | 66 | 75 | 69 | 37-160 | 8 | 0-30 |

ND means Not Detected

Reporting Limit (RL) = Method Detection Limit (MDL) x Dilution Factor

| | | | |
|---|---|---|---|
| **Environmental Support Technologies, Inc.** | | **Date Sampled:** | 2/24/99 |
| **23276 Del Lago Drive** | | **Date Received:** | 2/24/99 |
| **Laguna Hills, CA 92653** | | **Date Prepared:** | 3/3/99 |
| | | **Date Analyzed:** | 3/3/99 |
| **Sierra Project No.:** | 9902-440 | **Analyst:** | GW |
| **Client Project ID:** | Ditty Container | | |
| **Sample Matrix:** | Soil | **Report Date:** | 3/4/99 |

## TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
## EPA METHOD 418.1

| Sierra Sample No. | Client Sample No. | Concentration (mg/kg) | Dilution Factor | MDL (mg/kg) |
|---|---|---|---|---|
| 3677 | DCB1-5' | ND | 1 | 10 |
| 3678 | DCB1-10' | ND | 1 | 10 |
| 3679 | DCB1-20' | ND | 1 | 10 |
| 3680 | DCB2-5' | ND | 1 | 10 |
| 3681 | DCB2-10' | ND | 1 | 10 |
| 3682 | DCB2-20' | 273 | 1 | 10 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

**Quality Assurance/Quality Control Data**

**QC Sample ID:** 9812-213

| Compound | LCS % Rec. | QC Limits | Spike % Rec. | Spike Dup % Rec. | QC Limits | RPD | QC Limits |
|---|---|---|---|---|---|---|---|
| TPH | 90% | 80-120 | 86% | 87% | 50-150 | 1.3 | 0-30 |

ND means Not Detected

Reporting Limit (RL) = Method Detection Limit (MDL) x Dilution Factor

ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC.

West Coast Operations
23011 Moulton Parkway, Suite E–6
Laguna Hills, California 92653
(714) 457–9664
FAX (714) 457–0664

East Coast Operations
P.O. Box 540
Cold Spring Harbor, New York 11724
(516) 395–5746
FAX (516) 395–3741

9902-440 122.4

## CHAIN OF CUSTODY/REQUEST FOR ANALYSIS

Client Name/Address:
E.S.T.
23276 Del Lago Drive,
Laguna Hills Ca 92653

Project:
Ditty Container.
So. El Monte, CA.

Project Manager:
K. Aardahl

Sampler:
M. Kilhullen

| Sample Description | Sample matrix | Container type | # of Containers | Sampling Date/Time | Preservative Type | EPA method 8240 VOC's | EPA METHOD 418.1 TPH | | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Sequoia # |
| DC B1-5' | Soil | 1" x 6" Stainless | 1 | 2-24-99 8:50 | 4° | X | X | | | | 3677 |
| DC B1-10' | | | 1 | 2-24-99 9:00 | | X | X | | | | 3678 |
| DC B1-20' | | | 1 | 2-24-99 9:20 | | X | X | | | | 3679 |
| DC B2-5' | | | 1 | 2-24-99 10:15 | | X | X | | | | 3680 |
| DC B2-10' | | | 1 | 2-24-99 10:25 | | X | X | | | | 3681 |
| DC B2-20' | | | 1 | 2-24-99 10:52 | | X | X | | | | 3682 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| Matt Kilhullen | 2-24-99 12:30pm | Kent Adall | 2-24-99 12:30pm |
| Kent Adall | 2-24-99 18:20 | [illegible] | 2-24-99 6:30pm |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |

Turnaround Time: (check)
same day ____ 48 hours ____ normal X
24 hours ____ 72 hours ____

Sample Integrity: (check)
intact X cooled X warm ____

Environmental Consultants

3711 Long Beach Boulevard
Ninth Floor
Long Beach, CA 90807-3315

562 426-9544
FAX 562 427-0805
www.scsengineers.com

SCS ENGINEERS

August 29, 2002
File No. 01196183.03

Mr. Dixon Oriola
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

**SUBJECT: TECHNICAL REPORT, EMERGENT CHEMICAL SAMPLING, PACIFIC COAST DRUM, 2200 NORTH ROSEMEAD, SOUTH EL MONTE, CALIFORNIA (FILE NO. 107.0266)**

Dear Mr. Oriola:

This letter constitutes the technical report requested in the April 24, 2002 letter jointly signed by the U.S. Environmental Protection Agency (USEPA) and Regional Water Quality Control Board (RWQCB) regarding emergent chemical sampling. This report describes the sampling of groundwater from three on-site monitoring wells and analysis of samples for perchlorate, n-nitrosodimethylamine, 1,4-dioxane, and total and hexavalent chromium.

## BACKGROUND

The site is located east of Rosemead Boulevard in South El Monte (Figure 1). The location is in Section 29 of Township 1 South, Range 11 West, San Bernardino Baseline and Meridian. The site is located in the southern San Gabriel valley, approximately two miles north of the Whittier Narrows flood control basin.

Based on boring logs, geologic materials in the upper approximately 50 feet consist principally of silty sand and sand. Three groundwater monitoring wells, constructed in 1988 and 1990, exist on the site. Static groundwater level was measured at depths of approximately 32 to 34 feet below ground surface on August 1, 2002. Table 1 summarizes well construction and water level information.

## SAMPLING AND ANALYTICAL PROTOCOLS

Static water levels were measured using an electric water level sounder on August 1, 2002. Water level measurement took place prior to removal of water from any wells. Water level measurement was from a marked, surveyed point at the top of the casing and was to the nearest 0.01 foot. Attached field data sheet copies provide a record of measurements.

Water samples were collected August 1, 2002, following purging of wells. A minimum of three casing volumes of water were purged from each well using a submersible pump. Field parameters (specific conductance [EC], temperature, and pH) were monitored during purging. Stabilization of these parameters indicated sufficient water had been purged.

New, disposable polyethylene bailers were used to collect groundwater samples from each well. Groundwater samples were collected in appropriate laboratory-supplied containers using standard sampling protocols to minimize turbulence and avoid headspace. Samples were labeled, and placed in a chilled ice chest and held and transported to Del Mar Analytical (Del Mar) under standard chain-of-custody protocols.

All equipment entering the well bore was decontaminated initially and between wells by cleaning with a laboratory grade detergent, rinsing which clean potable water, and double rinsing with purified water. All water removed from wells and all decontamination water was placed in sealed, labeled 55-gallon drums.

Water samples were analyzed for perchlorate by EPA Method 314, NDMA by EPA Method 1625M, 1,4-dioxane by EPA Method 8260B, hexavalent chromium by EPA Method 7199, and total chromium by EPA Method 6010B.

**INTERPRETATION OF MONITORING RESULTS**

Piezometric elevation indicates southerly groundwater flow with a gradient of 0.0038 feet/foot (Figure 2).

Results of laboratory analyses are summarized in Table 2. Laboratory reports are attached. Monitored substances were below detection limits or at trace concentrations in the samples analyzed. Concentrations in the sample from the upgradient well (MW-3) were generally similar to those in the samples from the downgradient wells.

If you have any questions, please call.

Very truly yours,

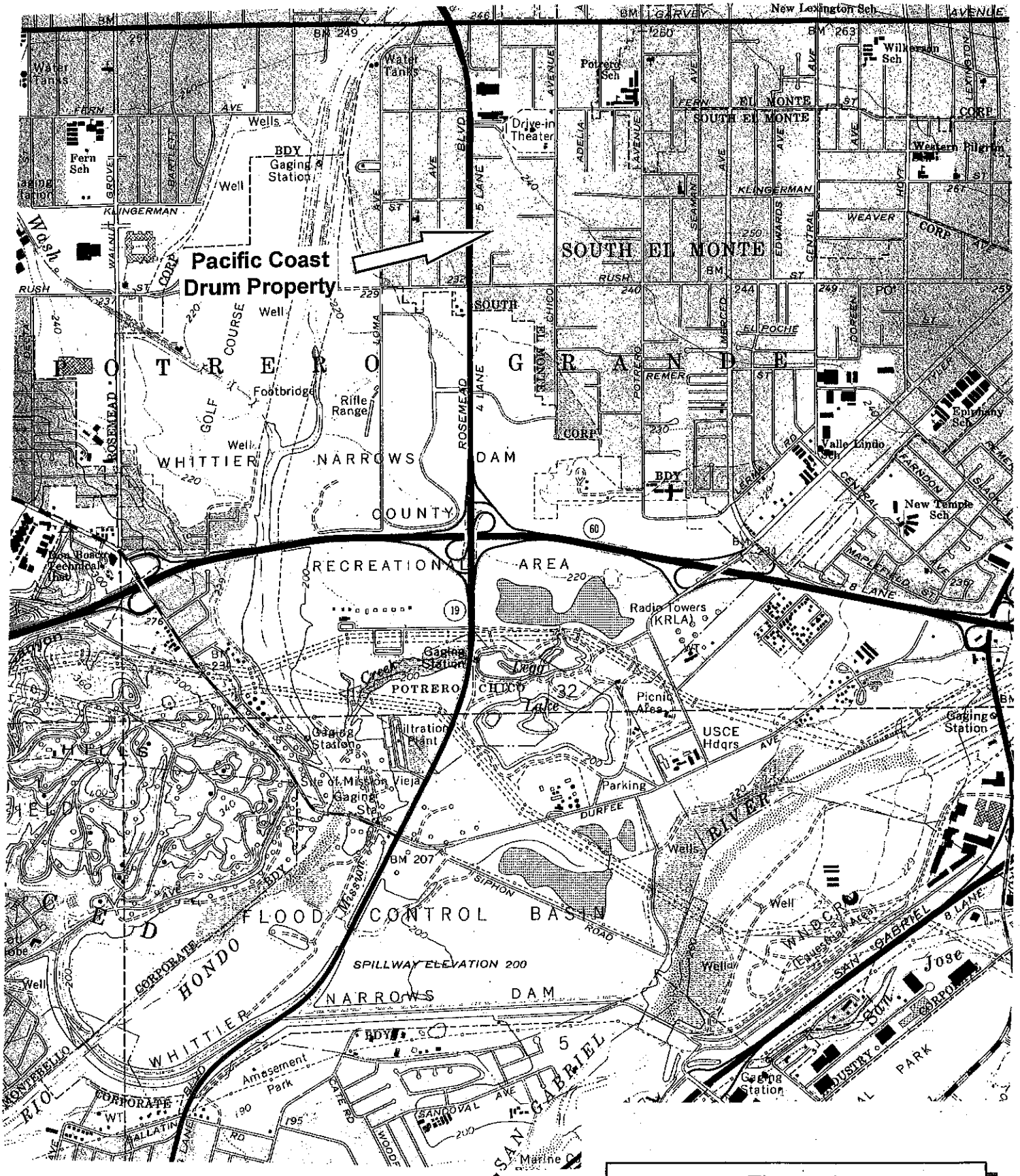
Kenneth H. Lister, Ph.D., C.E.G.
Project Manager
SCS ENGINEERS

Kevin W. Green, R.G., R.E.A.
Project Manager

Attachments

cc Penny McDaniel, USEPA
G. Mearns, Pacific Coast Drum

# FIGURES AND TABLES




SCALE 1:24,000

Approximately 1 Mile

NORTH

Reference: U.S.G.S. 7 1/2 Minute Quadrangle Map, El Monte Quadrangle, 1966, Photorevised 1981

Figure 1

**Site Location Map**

Pacific Coast Drum Property

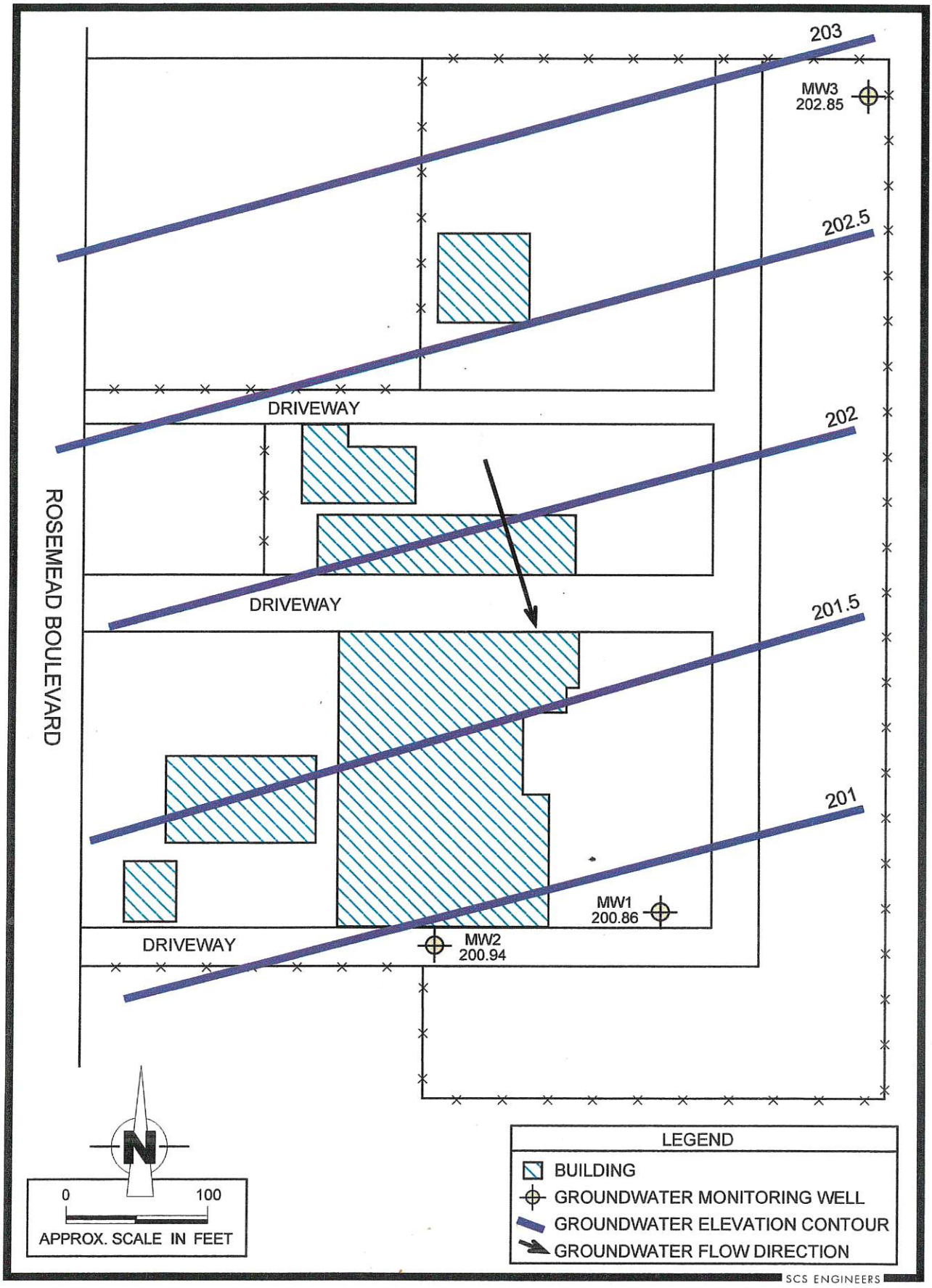



Figure 2. Groundwater Monitoring Well Locations and Water Elevations, August 1, 2002, 2200 North Rosemead Boulevard, South El Monte, CA.

**Table 1. Summary of Well Construction and Groundwater Monitoring Data, August 1, 2002**
**Pacific Coast Drum, 2200 N. Rosemead Blvd., South El Monte**

| WELL NUMBER | WELL DEPTH (feet) | CASING DIAMETER (inches) | SCREENED INTERVAL (feet) | REFERENCE POINT (feet MSL*) | DEPTH TO WATER (feet) | PIEZOMETRIC ELEVATION (feet MSL) |
|---|---|---|---|---|---|---|
| MW-1 | 50 | 4 | 20 to 50 | 234.80 | 33.94 | 200.86 |
| MW-2 | 50 | 4 | 20 to 50 | 233.64 | 32.70 | 200.94 |
| MW-3 | 55 | 4 | 25 to 55 | 234.50 | 31.65 | 202.85 |

* MSL: feet above mean sea level; reference point is south side well box rim.

All wells constructed with PVC blank and stainless steel slotted casing.

**Table 2. Pacific Coast Drum, 2200 North Rosemead Blvd., South El Monte Groundwater Data Summary, Emerging Chemicals, August 1, 2002**

| Well Number | Concentration (ug/l) | | | | |
|---|---|---|---|---|---|
| | Perchlorate | NDMA | 1,4-Dioxane | Total Cr | Hexavalent Cr |
| MW-1 | <2.0 | <0.002 | 22 | 1 | <0.13 |
| MW-2 | <2.0 | 0.0024 | 4 | 1.8 | <0.26 |
| MW-3 | <2.0 | <0.002 | 7.8 | <0.55 | <0.26 |
| MCL or AL | 18 | 0.2 | 3 | 50 | Not developed |

NDMA = N-Nitrosodimethylamine
MCL = Maximum Contaminant Level
Cr = Chromium
AL = Action Level

# FIELD DATA SHEETS

## GROUNDWATER SAMPLING RECORD

Well ID: MW-1 Station #: _____ Project # 01198017.03

Facility Name: Pacific Drum Date: 8/1/02

Well Depth: 50 Depth to Water: 33.94 Well Diameter: 4"

Casing Material.: PVC Volume Of Water per Well Volume: 10 x 3 = 30 gal

Sampling Crew: L. Weaver

Equipment: 2" Grundfos Tubing Material: Vinyl Pump set at 45' ft.

Weather Conditions: Sunny 90°

NOTES: clear, odorless water with quick recharge

| | | | | | |
|---|---|---|---|---|---|
| TIME | 1:57 | 2:01 | 2:05 | | |
| Volume Pumped | 12 | 24 | 36 | | |
| Water Level | | | | | |
| Temp. (oC) | 23.5 | 23.0 | 22.9 | | |
| Pumping Rate | 3gpm | " | " | | |
| DO (mg/l) | | | | | |
| EC (∝S/cm) | 2.40 | 2.35 | 2.35 | | |
| PH | 6.47 | 6.39 | 6.36 | | |
| ORP (mV) | | | | | |
| Turbidity (NTU) | 130 | 69 | 52 | | |

Parameters taken with: Horiba U-10 Other Parameters: _____

Sampled at: 2:30 (time) Sample collection method: Disposible bailer

Sample delivered to Del Mar Labs by L. Weaver at _____.

Sample #'s: _____ Other #'s: _____

Parameters Collected; Number of Bottles; Bottle Lot Number:

## GROUNDWATER SAMPLING RECORD

Well ID: MW-2 Station #: _____ Project # 01198017.02

Facility Name: Pacific Drum Date: 8/2/02

Well Depth: 50' Depth to Water: 32.70 Well Diameter: 4"

Casing Material.: PVC Volume Of Water per Well Volume: 11 x 3 = 33 gal

Sampling Crew: L. Weaver _____, _____, _____, _____

Equipment: 2" Grundfos Tubing Material: Vinyl Pump set at 45 ft.

Weather Conditions: Sunny 90°

NOTES: clear odorless water quick recharge.

| | | | | | |
|---|---|---|---|---|---|
| TIME | 12:59 | 1:05 | 1:08 | 1:10 | |
| Volume Pumped | 9 gal. | | | | |
| Water Level | | | | | |
| Temp. (oC) | 23.1 | 22.3 | 22.2 | 22.3 | |
| Pumping Rate | 3 gpm | " | " | " | |
| DO (mg/l) | | | | | |
| EC (∝S/cm) | 2.30 | 2.36 | 2.44 | 2.43 | |
| PH | 6.46 | 6.36 | 6.35 | 6.37 | |
| ORP (mV) | | | | | |
| Turbidity (NTU) | 50 | 9 | 1 | 3 | |

Parameters taken with: Horiba Other Parameters: _____

Sampled at: 1:30 (time) Sample collection method: Disposible Bailer

Sample delivered to Del Mer Labs by L Weaver at 5:00 P.

Sample #'s: _____ Other #'s: _____

Parameters Collected; Number of Bottles; Bottle Lot Number:

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

## GROUNDWATER SAMPLING RECORD

Well ID: MW-3 Station #: _____ Project # 01198017.02

Facility Name: Pacific Drum Date: 8/1/02

Well Depth: 55' Depth to Water: 31.65 Well Diameter: 4"

Casing Material.: PVC Volume Of Water per Well Volume: 15 x 3 = 45 gal

Sampling Crew: L. Weaver

Equipment: 2" Grundfos Tubing Material: Vinyl Pump set at 50' ft.

Weather Conditions: Sunny 90°

NOTES: Purged 3 gpm, clear, odorless water, Quick recharge

| | | | | | |
|---|---|---|---|---|---|
| TIME | 11:58 | 12:04 | 12:10 | | |
| Volume Pumped | 18 | 36 | 54 | | |
| Water Level | | | | | |
| Temp. (oC) | 22.2 | 21.9 | 21.7 | | |
| Pumping Rate | 3gpm | " | " | | |
| DO (mg/l) | | | | | |
| EC (∝S/cm) | 2.60 | 2.63 | 2.63 | | |
| PH | 6.53 | 6.49 | 6.47 | | |
| ORP (mV) | | | | | |
| Turbidity (NTU) | 3 | 0 | 0 | | |

Parameters taken with: Horiba U-10 Other Parameters: _____

Sampled at: 12:30 (time) Sample collection method: Disposible Bailer

Sample delivered to Del Mar Labs by L Weaver at 5:00p.

Sample #'s: _____ Other #'s: _____

Parameters Collected; Number of Bottles; Bottle Lot Number:

# LABORATORY REPORTS

# CONSERVTECH

3655 South Soto Street Vernon, CA 90058 (213) 583-6897

May 1, 1992

California Regional Water Quality
Control Board, Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754-2156

Attention: Craig Christmann

Subject: File No. 107.0266
Pacific Coast Drum Company
2200 N. Rosemead Blvd.
South El Monte, CA 91733

Dear Mr. Christmann:

Transmitted herewith are three (3) copies of a Work Plan to perform additional soil characterization at the subject facility. This work plan has been prepared in response to the March 6, 1992 letter request from the CRWQCB, Los Angeles Region. Further, this work plan incorporates the results of discussions on April 2 between Messrs. Sakaida and Christmann (Regional Board staff) and Anderson and Adams (Conservtech).

Please feel free to contact us if there are any questions concerning the enclosed document.

Very truly yours,

Larry W. Adams, P.E.
Calif. RCE No. 16923
(expires 06/30/93)

cc: Pacific Coast Drum Company
(Attention: Darryl Bartolotti)

March 8, 2004

EST1670

Mr. Curtis Castle
Los Angeles County Department of Public Works
P.O. Box 1460
Alhambra, California 91802-1460

Subject: Site Assessment Report
Ditty Container Company (Operator)
Pacific Coast Drum Company (Owner)
2226 Rosemead Boulevard
South El Monte, California
(Closure Permit No. 242874)

Dear Mr. Castle:

Environmental Support Technologies, Inc. is pleased to submit the enclosed report for the above-referenced site. The work described in the report was intended to address latest Los Angeles County Department of Public Works (DPW) requirements for in-place closure of an underground concrete tank (reference DPW letter dated January 26, 2004). Please review the report and provide any comments or questions you may have.

Sincerely,

Environmental Support Technologies, Inc.

Michael E. Tye

Michael E. Tye, RG
Project Hydrogeologist

cc: Mr. Gary Mearns, PCD
Mr. Charles Kin Tsang, Keefner
EST Project File

360 Goddard • Irvine, California 92618-4601 • (949) 679-9500 • Fax (949) 679-9501

# SITE ASSESSMENT REPORT

## PACIFIC COAST DRUM COMPANY (Owner)
## DITTY CONTAINER COMPANY (Operator)
## 2226 ROSEMEAD BOULEVARD
## SOUTH EL MONTE, CALIFORNIA

**Prepared for:**

**Pacific Coast Drum Company**
**P.O. Box 3593**
**South El Monte, California 91733-5093**

**Prepared by:**

**ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC.**
**360 Goddard**
**Irvine, California 92618-4601**
**(949) 679-9500**
**Fax (949) 679-9501**

**Project EST670**

**March 4, 2004**

## 5.0 SCOPE OF WORK

The limited soil and groundwater assessment included the following work elements:

- Project management, including correspondence and coordination;
- Acquisition of a groundwater sampling permit (**Appendix A**);
- Underground utility clearance and concrete drilling at the boring location;
- Advancing one (1) direct-push boring with collection of soil samples at approximate 5-foot intervals using EPA Method 5035 methods until groundwater was encountered;
- Upon completion of soil sampling, the boring was advanced into the water table and a grab groundwater sample was collected;
- Upon completion of groundwater sampling, the boring was backfilled and completed flush at grade. Soil cuttings and decontamination rinsate were contained in separate drums and left on-site at a client-designated location;
- A total of eight (8) soil samples and one (1) groundwater sample were transported to a certified environmental laboratory for analyses;
- Each of the soil and groundwater samples was analyzed for volatile organic compounds (VOCs), including aromatic hydrocarbons (BTEX), fuel oxygenates, methanol, ethanol, gasoline-range hydrocarbons, and diesel-range hydrocarbons per DPW requirements;
- Limited evaluation of local groundwater conditions and preparation of this report.

## 6.0 FIELD METHODS AND PROCEDURES

Field methods and procedures used to perform the assessment were provided in the DPW-approved *Site Assessment Work Plan* (EST, February 13, 2004).

## 7.0 SITE ASSESSMENT RESULTS

Observed site lithology and analyses results for soil and groundwater samples collected from the site are summarized below.

## 7.1 LITHOLOGY

The soil boring was advanced through thick concrete paving. Geologic material encountered from below paving to approximately 20 feet below grade was fine-grained sand with silt (Unified Soil Classification System (USCS) designation SM). The SM material ranged from very-dark grayish-brown (Munsell color 2.5YR 3/2) at approximately 5-feet below grade to light olive-brown (Munsell color 10YR 7/1) at approximately 10-feet below grade. The SM material was well-sorted and moist. Medium-grained sand with silt (USCS designation SM) was observed from approximately 20-feet below grade to total depth of Boring DC-SB3 (approximately 40 feet below grade). The deeper SM material was light-gray (Munsell color 10YR 7/1), well-sorted, and moist. Groundwater was gaged at approximately 41.20 feet below grade in nearby monitoring well MW1 the day prior to the assessment. Groundwater was encountered at approximately 42 feet below grade during direct-push drilling. A soil boring log and USCS criteria are provided in **Appendix B**.

## 7.2 SOIL SAMPLE ANALYSES RESULTS

The soil and groundwater samples were analyzed for volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene, and xylene (BTEX), ethanol, and fuel oxygenates using EPA Method 8260B, and for gasoline, diesel fuel, and methanol using modified EPA Method 8015. The analyses were performed by Sierra Laboratories in Laguna Hills, California (ELAP #1805) with a standard turn-around time (7 to 10 days). Laboratory analyses reports, analytical quality assurance/quality control (QA/QC) data for soil samples are provided in **Appendix C** with chain-of-custody documentation. Recent soil analyses results are summarized in **Table 2** and discussed below.

- Concentrations of gasoline-range hydrocarbons were detected in 4 of 8 soil samples. Gasoline-range hydrocarbons were detected in soil samples collected from 10, 15, 25, and 35 feet below grade at concentrations ranging from 0.050 milligrams per kilogram (mg/kg) to a maximum of 0.079 mg/kg in the sample collected from approximately 35 feet below grade. Gasoline-range hydrocarbons were not detected above the analytical method detection limit (MDL) of 0.050 mg/Kg in soil samples collected from 5, 20. 30, and 40 feet below grade.

- Concentrations of diesel-range hydrocarbons were not detected above the MDL of 5 mg/kg in the soil samples.

- Concentrations of methanol and ethanol were not detected in the soil samples.

- Concentrations of fuel oxygenates were not detected in the soil samples.

- VOCs detected in soil samples included only toluene. Toluene was detected in 3 of 8 soil samples at concentrations ranging from 3.8 mg/Kg to a maximum of 5.5 mg/Kg in the sample collected from approximately 20 feet below grade.

### 7.3 GROUNDWATER SAMPLE ANALYSES RESULTS

Laboratory analyses reports, analytical QA/QC data for the groundwater sample are provided in **Appendix C** with chain-of-custody documentation. Groundwater analyses results are summarized in **Table 3** and discussed below.

- Gasoline-range hydrocarbons were detected in the groundwater sample at a concentration of 60 micrograms per liter (ug/L).
- Concentrations of diesel-range hydrocarbons were not detected above the MDL of 5 mg/L in the groundwater sample.
- Concentrations of methanol and ethanol were not detected in the groundwater sample.
- Several VOCs were detected in the groundwater sample, including methyl tert-butyl ether (MTBE) at a concentration of 1.9 ug/L, 1,1-dichloroethane (1,1-DCA) at a concentration of 1.4 ug/L, cis-1,2-dichloroethene (C-DCE) at a concentration of 16 ug/L, and trichloroethene (TCE) at a concentration of 1.4 ug/L.

## 8.0 CONCLUSIONS

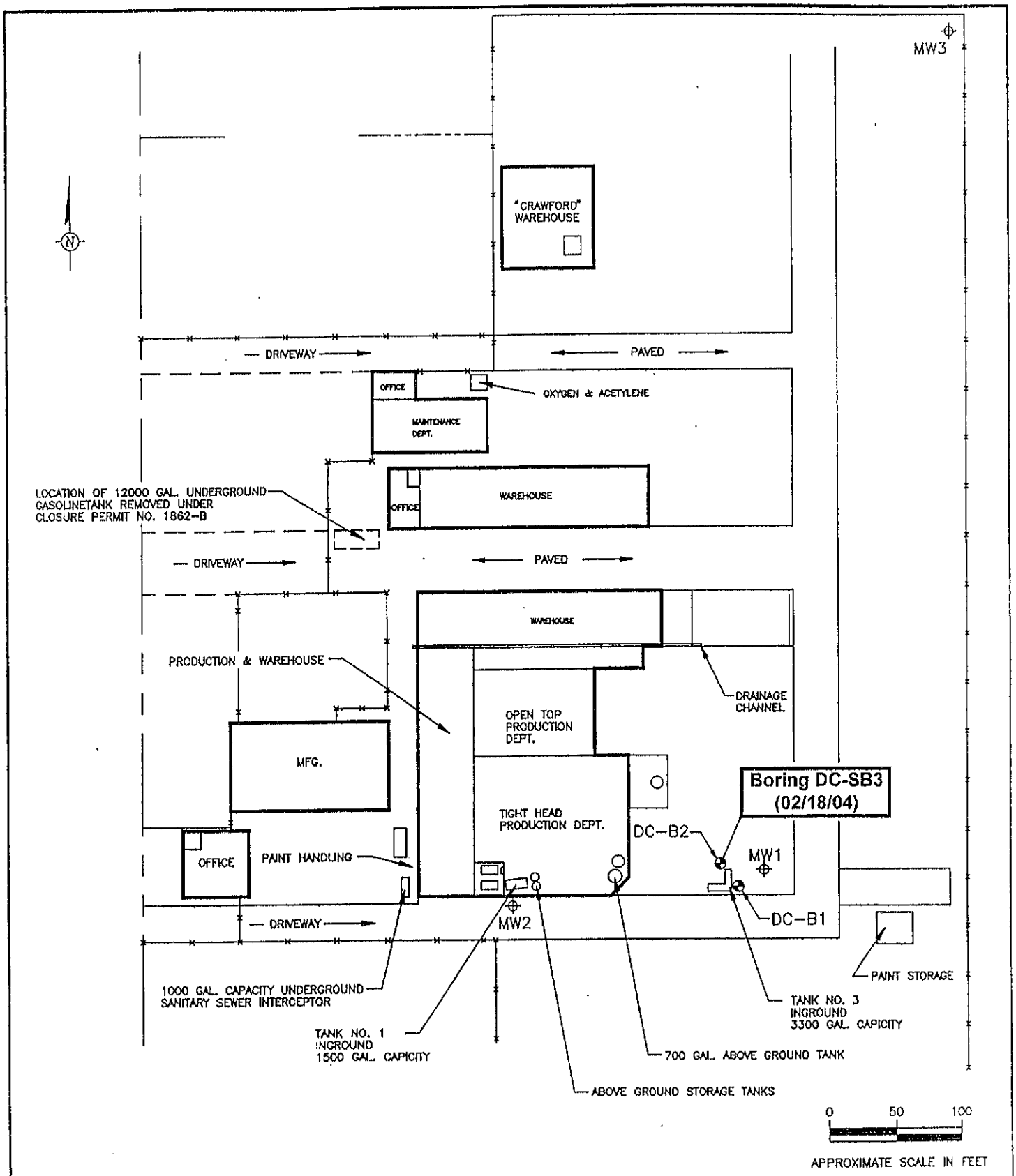
Soil samples collected during the previous assessment were analyzed for total petroleum hydrocarbons (TPH) with a MDL of 10 mg/Kg. Soil samples during the recent assessment were collected using EPA Method 5035 collection methods and were specifically analyzed for gasoline-range hydrocarbons (in addition to diesel-range) with a much lower detection limit (0.050 mg/Kg). Only low concentrations of gasoline-range hydrocarbons and toluene were detected in some of the soil samples. Detected concentrations of gasoline-range hydrocarbons and toluene are well below acceptable levels to remain in-place at the site. It should be noted that soil samples collected from depths greater than 20 feet below grade were once below the water table.

Underlying groundwater has been impacted by low concentrations of gasoline-range hydrocarbons, MTBE, 1,1-DCA, C-DCE, and TCE. Concentrations of MTBE, 1,1-DCA, C-DCE, and TCE were not detected in the soil samples. The vertical soil profile does not indicate a contaminant pathway to groundwater. Concentrations of MTBE, TCE, 1,1-DCA are below their maximum contaminant levels (MCL) (in drinking water) of 13 ug/l, 5 ug/L, and 5 ug/L, respectively. The detected concentration of C-DCE (16 ug/L) exceeds the MCL of 6 ug/L. The site is located within the Los Angeles Regional Water Quality Control Board (LARWQCB) South El Monte Operable Unit (SEMOU), an area of widespread groundwater contamination. Information concerning groundwater in the SEMOU is provided in **Appendix D** with a LARWQCB case list. Many leaking underground fuel tank (LUFT) sites are or have been present in the immediate vicinity of the subject site. Nearby LUFT sites are shown in **Appendix E**.

## 9.0 RECOMMENDATIONS

Based on analyses results for soil and groundwater samples, the historical usage of UST No. 3 as a cooling water sump has had little impact on adjacent soil and groundwater. Further soil and groundwater investigation is not recommended for this area of former concern. This portion of the report serves as a formal request for closure of UST No. 3.

RE: CLOSURE OF TANK #3




## EXPLANATION

| | |
|---|---|
| DC–B1 | APPROXIMATE LOCATION OF A SOIL BORING WITH ASSOCIATED BORING NUMBER |
| MW1 | APPROXIMATE LOCATION OF A GROUNDWATER MONITORING WELL |

REFERENCE: ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC.

FIGURE 2

APPROXIMATE LOCATIONS OF SOIL BORINGS AND GROUNDWATER MONITORING WELLS

DITTY CONTAINER CORPORATION
2226 ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA
EST1670/SOIL ASSESSMENT REPORT

DRAWN BY: JST SCALE: AS SHOWN

# APPENDIX E
# QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

RAMBOLL

ENVIRONMENT & HEALTH

# LEO REBELE

**Principal**

Mr. Rebele is a Principal in the Irvine office of Ramboll, with responsibilities that include business development, client liaison, senior oversight and execution on projects involving environmental site investigation, litigation, remediation, environmental permitting and natural resource management. Experience includes the following:

- Supported private industry for more than 25 years by delivering solutions to problems involving real estate due diligence, waterfront and brownfield redevelopment, transit-oriented development, and ports/harbors and watershed-related services. Project experience has been split between managing uplands projects focusing on property transfer/redevelopment and assisting private and port clients with aquatic-related environmental issues.
- Provided high-level strategic redevelopment consulting services to municipalities and private developers in connection with the transfer and redevelopment of contaminated real estate. Clients include residential, commercial and industrial developers, land owners, attorneys, and real estate brokers. Implementing cost recovery actions by providing environmental litigation support services; designing and implementing environmental liability transfer programs including guaranteed fixed-price remediation (GFPR) contracts.
- Provided environmental litigation support services in matters involving cost recovery actions against responsible parties. Deposition and trial experience including a landmark litigation case 3000 E. Imperial v. Robertshaw Controls et al. Routinely conducts environmental forensics analyses with a specialty in compound-specific isotope analysis (CSIA). Develops and applies multi-media video and animation for purposes of trial exhibits and mediation settlement discussions.
- Managed and supervised dozens of Phase I and II environmental site assessments (ESAs) and remediation projects throughout the western United States, Canada, and Mexico; assessed sites affected by landfill materials, chlorinated solvents, heavy metals, petroleum hydrocarbons (including free product), polychlorinated biphenyls (PCBs), and strong acids; prepared site conceptual models; performed remedial investigation/feasibility studies (RI/FSs); managed the completion of human health risk assessments; and evaluated remedial action alternatives under the Comprehensive

**CONTACT INFORMATION**

**Leo Rebele**

LRebele@ramboll.com
+1 (949) 798 3604

Ramboll
5 Park Plaza
Suite 5
Irvine, 92614
United States of America

Environmental Response, Compensation, and Liability Act (CERCLA) and ensuring compliance with the National Contingency Plan (NCP). Regulatory negotiation/site closure experience with various jurisdictional offices of the Regional Water Quality Control Board (CRWQCB) and the California Department of Toxic Substances Control (DTSC), Orange County (California) Health Care Agency, the City and County Fire Departments of Los Angeles and the San Diego County of Environmental Health.

- Managed and provided oversight for projects involving natural resource management issues, including wetland evaluations and permitting, marine benthological studies, sediment and water quality monitoring, and underwater and eelgrass surveys. Experience has also included developing public outreach materials on behalf of private-sector clients, conducting resource mapping using Global Positioning System (GPS) software and geographic information system (GIS) technology.
- Served as program manager for several environmental impact assessments under National Environmental Policy Act (NEPA) and California Environmental Quality Act. Projects include environmental assessments (EAs) for proposed telecommunication sites on federal land, municipal well installations, private urban infill developments and mega-scale solar facilities located in Los Angeles County and San Bernardino County.

## EDUCATION

1997
**MS, Marine Resource Management (Minor, Aquatic Toxicology)**
Oregon State University

1994
**BS, Biological Oceanography (Honors)**
University of British Columbia

## PROJECTS

2016-2017
**Environmental Oversight**
Mr. Rebele served as the principal-in-charge for the environmental oversight of a sewer line replacement in an area where groundwater impacted by chlorinated volatile organic compounds (cVOCs) associated with a State Superfund site may be encountered by city workers. The scope of work involves navigating concerns of a contentious community group and ensuring the protection of City workers through the development and implementation of a field monitoring program during sewer line construction activities.

2017
**Due Diligence and Environmental Compliance Review**
Mr. Rebele lead a due diligence and environmental compliance team in support of an acquisition of a 700-acre terminal in the Port of Los Angeles. The work involved a comprehensive assessment of current practices involving the use, storage and disposal of hazardous materials, compliance with air and stormwater regulations, and a review of historical spills and cleanup activities. A Phase I Environmental Site Assessment was conducted as part of the review. A review of California Environmental Quality Act (CEQA) permitting issues was also performed to evaluate the potential for terminal expansion onto an unoccupied portion of the facility.

2017-present

**Pilot Testing and Support of Guaranteed Fixed Price Remediation Program**

Mr. Rebele is heading a comprehensive site investigation and pilot test to evaluate a proposed groundwater and soil remediation strategy in support of a guaranteed fixed-price remediation (GFPR) strategy. The property, which is being sold to an industrial developer, is impacted by moderated levels of trichloroethylene and perchloroethylene in groundwater, with impacts extending off-site. Concentrations of chlorinated VOCs in soil vapor beneath the manufacturing facility were found to be very high, requiring immediate mitigation. Mr. Rebele is leading the project team to develop a groundwater remedy under a possible GFPR contract option while designing soil vapor extraction and vapor mitigation system that can be implemented in the short term.

2016-present

**Implementation of Mitigation Monitoring, New Residential Development**

Mr. Rebele served as principal-in-charge for a project involving implementing mitigation monitoring requirements for biological and cultural resources under California Environmental Quality Act (CEQA). Work included conducting ongoing monitoring for cultural and biological resources during disturbance of native soils during grading for a new residential development. Challenges included working with changing client schedules and interfacing with regulatory personnel to keep the project on-track on-schedule.

2016-present

**Redevelopment of former ITT Site into new Industrial Complex**

Lead consultant for a high-profile industrial redevelopment project in Santa Ana, California. The project involves assisting the prospective developer with the pre-bid due diligence during the seller's auction, evaluating seller's proposed remedial strategy in the context of the proposed development, performing Phase I and II environmental assessments, regulatory agency negotiation, and the design of a vapor mitigation system. Complexities in the due diligence activities include the integration of a polychlorinated biphenyl (PCB) cap into the proposed development and integrating the proposed electrical resistance heating/steam injection remedial program with client's development plans.

2016-2017

**Implementation of Soil Management Plan and Soil Stockpile Profiling for Residential Development Project**

Mr. Rebele served as client services manager for a project involving the redevelopment of a former foundry and iron works facility. The soils beneath the property were identified though a combined Phase I/II Environmental Site Assessment to be impacted with Cal-Hazardous levels of lead. A combination of field screening using a portable X-Ray Fluorescence (XRF) meter and confirmation soil sampling with formal laboratory analysis in order to profile soils to be exported and to establish residual concentrations in soils. Cost effective management of soils was achieved through carefully interfacing with the client's grading contractor and project phasing.

2015-present

**Innovative In-Situ Remediation of Chlorinated Solvents**

Account manager for Griffon Corporation to remediate a chlorinated VOC plume in groundwater which is commingled with chlorinated solvent plumes on adjacent properties. The remediation is confounded by access restrictions associated with a storm channel and two sewer lines. In addition two distinct groundwater mounds resulting from leaks in the sewer lines are affecting the groundwater flow and distribution of the contamination. Mr. Rebele is overseeing the forensic evaluation of sources of VOCs, general strategy, remedial approach and is leading regulatory negotiations.

2015-2017

**In-situ Capping of Heavy Metal Impacted Soils**

For this former tool manufacturing facility (Union Fork and Hoe Company) in upstate New York, Mr. Rebele served as project principal and client service manager. The site, which has been under the

oversight of the New York State Department of Environmental Conservation (NYSDEC) and Department of Environmental Health. Mr. Rebele helped Griffon negotiate a capping remedy of the heavy metals impacted soil. A significant component of the work has been negotiating with NYSDEC and DOH to eliminate a mature wooded area from the remediation area and to reduce the long-term groundwater monitoring obligations.

2005->>>

**Ongoing Brownfield Advisory and Consulting Services**

Serves in a strategic consulting role on behalf of the City for the remediation and brownfield planning of a 170-acre downtown core area targeted for redevelopment. Work to date has included federal and state brownfield grant procurement and execution, brownfield inventory, development of a GIS system, development of an area-wide brownfield remediation strategy, Phase I and II Environmental Site Assessments, development of multiple remedial action plans under the oversight of the Department of Toxic Substances Control, litigation support for cleanup cost recovery, and waste to energy (WTE) consulting.

2007->>>

**Alameda Triangle Redevelopment**

Provided oversight and consulting services for an 11.2 acre project comprised of 5 parcels with multiple ownerships and a history of manufacture use dating to World War II. The property uses identified including a former Witco chemical facility located on Caltrans property, a Magnetek transformer repair and refurbishment business, two auto-wrecking yards, a former railroad right-of-way, and a variety of other uses involving the manufacture and use of various chemical materials. The chemicals detected on-site during Gannett Fleming and other site investigations included organochlorine pesticides, PCBs, free product petroleum hydrocarbons in groundwater and soil, chlorinated VOCs in soil and soil vapor, heavy metals and polynuclear aromatic hydrocarbons. The City is in the process of marketing the site for development. Following a multi-media investigation involving substantial site access coordination, Gannett Fleming prepared a Site Investigation Report, Feasibility Study and a Remedial Action Plan (RAP) for the entire Site. The reports were submitted to Department of Toxic Substances Control (DTSC) for review. Gannett Fleming is working with city's environmental counsel to develop a cost recovery strategy.

2017

**Economic Development Department**

Mr. Rebele is working with the City of South Gate Economic Development Department and their economic development consultant, Rosenow Spivasek Group (RSG,) in addressing environmental impacts associated with a historical gasoline service station. Mr. Rebele and his team were retained to take over all aspects of the assessment and cleanup activities from a prior consultant due to a stalled remedial program.

2015-2016

**Operational Transition/Environmental Compliance**

Project Principal for an operational transition project involving all aspects of environmental compliance as Bombardier took over rail service and maintenance responsibilities for all rail facilities from the prior operators of the North County Transit District (NCTD) facilities at the Escondido and Oceanside yards. Work involved initial consultation, environmental compliance audits, permitting, preparation of spill prevention control and countermeasure (SPCC) plans, stormwater pollution prevention plans (SWPPS) and environmental compliance plans for ongoing rail operations and facility maintenance.

2014->>>

**Remediation of Organochlorine Pesticide Impacted Soils in Support of Residential Development**

Mr. Rebele serves as the principal-in-charge for a residential development project involving the remediation of organochlorine pesticides (OCPs) and closure of historical underground storage tanks

(USTs), irrigation wells and low-level volatile organic compounds (VOCs). In his role, Mr. Rebele is served in a strategic capacity to result in a fast-track review and approval of a remedial action plan by transferring the open case file from a local oversight agency to the Santa Ana Regional Water Quality Control Board.

2014-present
**Remediation of Groundwater at Logistically Constrained Shopping Center**
Mr. Rebele has been serving as principal-in-charge for a complex gasoline remediation project involving very high concentrations of gasoline at a commercial shopping center where site access precludes implementation of many traditional remedies. Mr. Rebele serves as senior technical advisor to the client's environmental counsel and is working to reduce the environmental liabilities of the property owner. Mr. Rebele helped devise a two-part strategy aimed at protecting the current tenants against indoor air intrusion through the development of vapor mitigation systems while conducting an aggressive groundwater remedial program consisting of trenching/product removal followed by in-situ chemical oxidation of groundwater.

2014-present
**Environmental Remediation Consulting in Support of Residential Development**
Mr. Rebele served in a strategic consulting role for New Urban West, Inc. (NUWI) to support the redevelopment of infill properties throughout southern California. Projects have included former nursery/greenhouse areas, manufacturing operations and properties and areas impacted by fill materials. Currently executing several cleanup programs under a California Land Reuse and Revitalization Act (CLRRA) agreement with the Department of Toxic Substances Control.

2014-2017
**Redevelopment Consulting and Remediation**
Mr. Rebele serves as the project principal for a residential redevelopment project at a former Teledyne research and development facility and historical agricultural operation. Work has involved several phases of soil, soil vapor and groundwater investigation that included multiple degreaser locations, additional potential source areas of metals and petroleum hydrocarbons and organochlorine pesticides associated with the historical agricultural use. A soil vapor extraction (SVE) was implemented to reduce elevated concentrations of PCE to acceptable levels in order to prepare the Site for residential occupancy. The site is currently undergoing redevelopment.

## PUBLICATIONS & PRESENTATIONS

2017
**Contaminated Soil Cleanup Methods & Remediation Techniques.**
Lorman National Live Webinar.
Rebele, Leo and Tom Bois, Esq.

2017
**On the Application of Contaminant Source Identification, Environmental Forensics and Geomorphological Assessment in the Context of Large-Scale Restoration of Sediments in Riverine and Estuarine Depositional Environments.**
Rebele, Leo.

2013
**Innovative Insurance and Cleanup Strategies: Life Beyond Cost Cap.**
Brownfields 2013.
Rebele, Leo and Preston W. Brooks, Esq.

2013
**The Renaissance of Lynwood – Community Partnership, Brownfield Revitalization and Transit-Oriented Development.**
13th Annual Urban Marketplace. Make a Deal, Make a Difference.
Rebele, Leo and Sarah Withers.

2013
**The Use of Compound Specific Isotope Analysis (CSIA) for Discerning Sources of Trichlroethylene (TCE) and Perchloroethylene (PCE) within a Commingled Groundwater Plume in California, USA.**
International Network For Environmental Forensics.
Rebele, Leo and Dr. Alan Jeffrey.

2013
**Comparison of Two Vacuum Enhanced LNAPL Recovery Systems under the EAR Account Program.**
Association for Environmental Health and Sciences Foundation.
Lenker, Carl W., Leo M. Rebele, Arul Ayyaswami.

2012
**TOD, Infill and Brownfield Development without Redevelopment Agencies – What Tools are Available Now?**
ULI Marketplace.
Rebele, Leo M. (roundtable moderator).

2011
**A Forensic Approach to Evaluating Sources and Relative Ages of Free Product and Chlorinated Solvents at a Commingled Plume Site in Support of Cleanup Cost Recovery Litigation.**
International Network of Environmental Forensics.
Rebele, Leo M. and Dr. Alan Jeffrey.

2010
**Expediting Brownfield Redevelopment by Combining Innovative In-Site Remedial Technologies with GFPR Solutions.**
International Network of Environmental Forensics.
Lenker, Carl W., Arul Ayyaswami and Leo M. Rebele.

2009
**The Newest Tool In The Brownfields Tool Box.**
Brownfields 2009.
Rebele, Leo M. (moderator), Kevin Daehnke, Charlie Bartsch, Tom Cota, Bruce Rasher.

2009
**The Road Less Traveled: Transit-Oriented Development From Conception To Implementation During Economic Hard Times.**
Brownfields 2009.
Myrna Valdez (moderator), Leo Rebele, Rosanne Albright, Rick Simonetta.

2009
**Utilizing 3-Dimensional Modeling and Environmental Visualization Software (EVS) in Support of Forensic Investigations.**
INEF.
Rebele, Leo M.

2009
**A Meso-Scale Application of a Mixture of Nitrate/Phosphate and Oxygen Release Compound (ORC) to Remediate a Crude Oil Spill.**
IPEC.
Rebele, Leo M., Arul Ayyaswami and Ian Ziraldo.

2009
**Innovative Approaches to Negotiating A Guaranteed Fixed-Price Remediation (GFPR).**
Contract.
Rebele, Leo M. and Arul Ayyaswami.

2008
**Electrical Resistance Heating – Selection and Implementation at Brownfield Sites.**
Presented at the Paths to Site Closure Workshop.
Rebele, Leo M.

2008
**The Power of Combining Rapid Screening Technologies with Environmental Data Visualization Software.**
Battelle Conference on the Remediation of Chlorinated and Recalcitrant Compounds.
Rebele, Leo M.

2003
**Positive Marine Impacts Resulting From the Construction of Four Artificial Oil Exploration and Production Islands Within the Greater Long Beach/Los Angeles Harbor.**
Oceans 2003 Conference.
Rebele, Leo M., Jon Houghton, Dennis Lees, Linda Arsenault, and John Kirby.

1997
**An Evaluation of Citizen Volunteer Monitoring Initiatives in the National Estuary Program.**
Thesis submitted in partial fulfillment of the requirements for an M.S. degree, College of Oceanic and Atmospheric Sciences, Oregon State University.
Rebele, Leo M.

1994
**Observations on the Macrobenthos of a Tidal Flat Previously Affected by Sewage Pollution at Sturgeon Bank, British Columbia.**
Submitted in partial fulfillment of the requirements for a B.Sc. degree at the University of British Columbia.
Rebele, Leo M., and Colin D. Levings.

## REGISTRATIONS/CERTIFICATIONS

AHERA Certified Building Inspector; 1998

## TRAINING/MEMBERSHIPS

40-Hour OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) Training at Clayton Environmental; 1998
Wetland Delineator; USACE; 1999
Environmental Forensics Short Course; Penn State University; 2013
Leadership in Urban Infill and Sustainable Communities; Urban Land Institute; 2012
Senior Project Manager Training; Gannett Fleming; 2012
Project Principal Training; PSMJ Resources; 2013
Business Development Training, Tetra Tech, 2015
8-Hour OSHA HAZWOPER Refresher Training; 2017

# REBEKAH J WALE

**Managing Consultant**

Rebekah Wale has more than 30 years of experience conducting and managing Phase I environmental site assessments and Phase II subsurface investigations. She is a senior practitioner in Ramboll's Merger & Acquisition Due Diligence practice. Her work has included conducting and/or managing numerous property transfer Phase I and Phase II investigations, property redevelopment, site and facility closure activities, California Class I and Class III landfill investigations, compliance groundwater monitoring, state and federal Superfund site assessments, underground storage tank assessments, and litigation support.

## CAREER

1990-Present
**Senior Manager, Ramboll**
Environmental due diligence, Phase II subsurface investigations; prepare various reports, work plans, and results reports; manage clients and staff; coordinate with regulatory personnel.

1985-1990
**Field Geologist, Hart Environmental Management Corporation**
Perform Phase II subsurface investigations; prepare various reports, work plans, and results reports; oversee subcontractors manage clients.

## PROJECTS

2005-2015
**Due Diligence Manager**
Managed hundreds of single and multiple property Phase I environmental site assessments at various locations throughout the United States and in other countries (e.g., Canada, Mexico, Europe, Asia, Africa).

2002-2004
**Property Redevelopment Manager**
Managed several property redevelopment projects of former aerospace facilities in Burbank, California. Responsible for preparing and implementing dust control plans, sampling plans, and health and safety plans during construction activities, and supervised construction personnel to ensure compliance with plans. Prepared weekly reports for submittal to the local agency.

## CONTACT INFORMATION

**Rebekah J Wale**

rwale@ramboll.com
+1 (949) 798 3693

Ramboll
5 Park Plaza
Suite 500
Irvine, CA 92614

## EDUCATION

1983-1985
**MA, Environmental Science** Montclair State College Montclair, New Jersey United States

1979-1981
**BS, Geology**
Eastern Michigan University
Ypsilanti, Michigan
United States

2000
**Litigation Support**
**Manager**
Managed day to day activities in a large litigation support case involving an industrial facility. Assisted with preparation of expert opinions, including a cost allocation model.

1999-2015
**Site Investigation**
**Manager**
Managed numerous Phase II subsurface investigations related to property transfer projects; including soil gas surveys, soil sampling, grab groundwater sampling, and indoor air sampling.

Managed a large multi-phase remedial investigation at a testing facility in southern California. Responsible for coordinating and directing field staff, preparing technical memorandums and data transmittals, preparing large remedial investigation reports, and communicating and responding to regulatory agency personnel.

Designed and managed soil gas, soil, and ground water investigation programs at a plating facility near Los Angeles, California.

Managed several tasks associated with the sale of a hotel in Los Angeles, California, including underground storage tank removals and investigation of a dry cleaning plant in the hotel.

1998-2005
**Property Development**
**Manager**
Managed several property redevelopment projects of former aerospace facilities in Burbank, California. Responsible for preparing and implementing dust control plans, sampling plans, and health and safety plans during construction activities, and supervised construction personnel to ensure compliance with plans. Prepared weekly reports for submittal to the local agency.

1997-1998
**Site Investigation**
**Manager**
Managed several tasks associated with investigation and closure of an industrial facility in Los Angeles County, California, including sump removal and a soil boring and sampling program. Prepared sampling plans and results reports.

Designed and managed soil gas, soil, and ground water investigation programs at a shopping center property in Ventura County, California. Prepared sampling plans and results reports, participated in regulatory interaction.

Designed and manage a site investigation of a former dry cleaning facility in Orange County, California, that included soil gas, soil, and ground water sampling programs, and installation of a Soil Vapor Extraction (SVE) remediation system.

1994-1996
**Site Investigation**
**Field Geologist**
Managed a Phase II site investigation of an industrial facility in Commerce, California. Prepared a sampling plan, supervised soil boring and sampling activities, reported findings, and participated in regulatory interaction.

Supervised the drilling of soil borings and collected soil samples at a metals recycling facility in Los Angeles, California. Prepared a report on remedial options for soils.

Supervised the installation of five deep aquifer monitoring wells drilled as part of a regional ground water contamination study in northern California.

1993-1995
**Geologic Evaluation**
Researched and evaluated three properties in the Imperial Valley with regard to geologic, seismic, and flood hazards. The properties were being considered as potential industrial facility sites.

Researched and evaluated the landslide potential of a property for a private client in Los Angeles, California.

1990-2004
**Routine Monitoring**
**Manager**
Conducted an evaluation of ground water sampling practices and prepared an environmental technician training seminar for a Class III landfill in Orange County, California.

Managed a large regional quarterly ground water monitoring compliance program in a municipality in Los Angeles County, California. Responsible for oversight of field staff and regulatory compliance. Prepared quarterly monitoring reports.

Managed a large quarterly ground water monitoring compliance program at a Class I landfill in California. Responsible for oversight of field staff and regulatory compliance. Prepared quarterly monitoring reports.

1988-1994
**Site Investigation**
**Field Geologist**
Prepared cross sections and isopach maps for several sites as part of a regional ground water study in northern California.

Participated in step-testing and a long-term pumping test of a shallow well at a chemical manufacturing facility.

Managed two multiphased ECRA projects at large industrial facilities in northern New Jersey for a Fortune 100 company. Directed implementation of multiple sampling plans involving soil borings; well installation; ground water, soil, sediment and air sampling; geophysical logging; and aquifer (packer) testing.

1988-1991
**Site Investigation**
Prepared a site-wide Sampling and Analysis Plan for a Class III landfill in southern California.

Provided technical field oversight services to a group of PRPs at a landfill under investigation in New Jersey.

Provided closure activities at a stamping facility in Alabama, including installing overburden and cored bedrock wells, and conducting ground water and potable well sampling and a soil investigation (soil gas survey and soil sampling).

Assisted with rock coring and the installation of bedrock wells at an incinerator fabrication facility in Pennsylvania. Also participated in slug testing the wells.

Directed an expansion investigation in New Jersey for a warehouse facility that was formerly part of a municipal landfill. Oversaw soil borings and soil sampling, monitoring well installation, and ground water sampling. Prepared sampling results reports, including recommended remedial options and strategic planning.

1986-1988
**Site Investigation**
Managed three multifaceted site investigations for a gas station chain/fuel transfer facility company in New Jersey. Prepared sampling plans, supervised tank and soil removal and well installation and sampling efforts, completed permit applications for both sites, prepared reports of findings, and provided remedial recommendations.

Managed a planned subdivision site in New Jersey located adjacent to a gasoline spill area. Prepared sampling plans and results reports, supervised a soil gas survey and soil sampling activities, and participated in local government meetings to obtain approvals for building at the site.

Managed a major ECRA investigation of a dye and pigment manufacturing facility in New Jersey. Prepared sampling plans; drilled and sampled soil borings; conducted ground water sampling, pump-in (pressure) testing, discrete interval sampling (packer testing); and oversaw test pit construction and downhole geophysical logging.

1985-1986
**Site Investigation**
**Field Geologist**
Managed a multiphased ECRA investigation at an electric motor repair plant in New Jersey. Installed overburden and bedrock wells, collected soil and ground water samples, and oversaw soil excavation activities. Negotiated for off-site access. Planned and implemented aquifer testing through a series of short duration step tests, followed by a 72-hour pumping test.

Conducted potable well and surface water sampling at four Superfund asbestos disposal sites in New Jersey. Prepared sampling results report.

Assisted with rock coring and the installation of bedrock wells at an incinerator fabrication facility in Pennsylvania. Also participated in slug testing the wells.

Assisted in the remedial investigation of a metals-contaminated soils problem in Colorado, including grid layout, soil sample collection, test pit construction, and soil mapping.

RAMBOLL

ENVIRONMENT & HEALTH

# DENISSE HERNANDEZ

**Senior Consultant 1**

Environmental Site Assessments, Soil and Groundwater Investigations, Soil Logging

## CAREER

2014-2018

**Senior Staff Geologist, Ninyo & Moore**

Provided project management support and coordination related to planning and regulatory compliance for various projects including public and private owned project sites. Conducted field oversight, geological logging, soil/soil vapor/groundwater sampling, drinking water surveys, data evaluation, and reporting. Applied scientific principles by interpreting and evaluating laboratory data collected during field activities to prepare recommendations and conclusions.

2014

**Staff Geologist, ERM**

Provided project management support related to planning and regulatory compliance for various projects. Duties consisted of drafting environmental documents and permit applications, site research and due diligence.

2012-2014

**Staff Geologist, Cardno ERI**

Oversight of drilling activities for ExxonMobil retail sites. Drafted permitting applications and coordinated field activities with local agencies and subcontractors. Evaluated of technical reports to determine which cases qualified for closure under the California Regional Water Quality Control Board's Low Threat Closure Policy and prepared site assessment reports, work plans, corrective action plans, groundwater and quarterly reports.

2011-2012

**Environmental Geologist Intern, Sullivan International Group**

Environmental Protection Agency contractor supporting the Los Angeles Regional Water Quality Control Board (LARWQCB) and the City of Los Angeles Fire Department UST Program. Assisted staff at the Los Angeles Fire Department and the LARWQCB by reviewing open UST cases and determining whether a case is ready for closure, if it required remediation, and/or further monitoring.

## CONTACT INFORMATION

**Denisse Hernandez**

dhernandez@ramboll.com
+1 (213) 9436312

Ramboll
350 S Grand Avenue
Suite 2800
Los Angeles, CA 90071
United States of America

2010-2011
**Graduate Student Assistant, California Regional Water Quality Control Board**
Reviewed and assessed technical reports, including quarterly groundwater monitoring reports, well installation reports, work plans, site assessment reports and remediation reports.
Assisted technical staff in reviewing cases that were ready for closure and prepared closure packages; as well as uploading reports and data posting onto GeoTracker.

## EDUCATION

2009-2011
**Master's Degree**
California State University, Los Angeles, Los Angeles

2002-2006
**Bachelor's Degree**
University of California, Santa Barbara, Santa Barbara

## LANGUAGE SKILLS

**Spanish** (mother tongue)

# LIMITED SOIL REMEDIATION WORK PLAN FOR THE EASTERN PORTION OF 2200 NORTH ROSEMEAD BOULEVARD SOUTH EL MONTE, CALIFORNIA 91733

Prepared for

**ROSEMEAD HOLDING LLC**
221 NORTH ORANGE AVENUE
INDUSTRY, CALIFORNIA 91744

Prepared by

**LEIGHTON CONSULTING, INC.**
2600 MICHELSON DRIVE, SUITE 400
IRVINE, CALIFORNIA 92612

Project Number 13111.001

April 25, 2023

Leighton Consulting, Inc.
A Leighton Group Company

# LIMITED SOIL REMEDIATION WORK PLAN FOR THE EASTERN PORTION OF 2200 NORTH ROSEMEAD BOULEVARD SOUTH EL MONTE, CALIFORNIA

Prepared For

**Rosemead Holding LLC**
221 North Orange Avenue
Industry, California 91744

Project No. 13111.001

April 25, 2023

Matt Himmelstein, PE C57066
Principal Engineer

Robin J. Ferber, PG (5756)
Senior Principal Geologist

2600 Michelson Drive | Suite 400, Irvine, CA 92612
www.leightongroup.com
T: 949.250.1421

# TABLE OF CONTENTS

**Section** **Page**

**1.0 INTRODUCTION ..... 1**

**2.0 PURPOSE ..... 4**

**3.0 SITE BACKGROUND ..... 5**

3.1 Site Description ..... 5
3.2 Geological Description ..... 6
3.2.1 Regional Geology ..... 6
3.2.2 Site-Specific Geology ..... 6
3.3 Hydrogeological Description ..... 7
3.3.1 Regional Hydrogeology ..... 7
3.3.2 Site-Specific Hydrogeology ..... 8
3.3.3 Groundwater Usage ..... 8
3.4 Relevant Site Investigations and Assessments. ..... 8
3.4.1 Current Pre-Remediation Site Investigations ..... 8

**4.0 REMEDIAL ACTION GOALS FOR SOIL ..... 11**

**5.0 SITE REMEDIATION ACTIVITIES FOR KNOWN AND UNKNOWN AREAS OF ENVIRONMENTAL CONCERN ..... 12**

5.1 Excavation of Known Environmentally Impaired Soils ..... 12
5.2 Unknown Environmental Impacts in the Eastern Portion of the Site ..... 13
5.2.1 Underground Storage Tanks ..... 13
5.2.2 Clarifiers and Pits ..... 14
5.2.3 Vertical Features and Structures ..... 14
5.2.4 Horizontal Features and Structures ..... 15
5.2.5 Stained, Discolored or Odorous Soils and VOC Contaminated Soils ..... 15
5.2.6 Visual Observation ..... 15
5.3 Excavation Monitoring ..... 16
5.3.1 SCAQMD Rules 403 and 402 ..... 16
5.3.2 SCAQMD Rule 1466 ..... 17

**6.0 SOIL HANDLING, SAMPLING, TREATMENT AND DISPOSAL ACTIVITIES ..... 20**

6.1 Soil Stockpile Management ..... 20
6.2 Excavation Area Confirmation Soil Sampling ..... 21
6.3 Laboratory Analysis Selection ..... 22
6.4 Excavation Area Expansion Due to Confirmation Samples Exceeding RAGs ..... 23
6.5 Waste Classification ..... 24
6.5.1 Soil Acceptable for Reuse ..... 24
6.5.2 Non-Hazardous Soil ..... 24

6.5.3 Non-RCRA Hazardous Soil ....25
6.5.4 RCRA-Hazardous Waste....26
6.5.5 TSCA Waste ....26
6.6 Chemical Fixation Option for Non-RCRA and RCRA Hazardous Waste ....26
6.7 Dewatering of Excavation if Perched Groundwater is Encountered....27
**7.0 FEATURES REQUIRING PERMITS ....29**
**8.0 REPORTING....31**
8.1 RWQCB Notification of Newly Discovered Areas Potentially Affected by Hazardous Substances and Petroleum Products ....31
8.2 Preparation of Summary Report....31
**9.0 REFERENCES....32**

## ATTACHMENTS

### FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Plan Prior to Demolition
Figure 3 – Architectural Schematic of Proposed Rosemead Holding Phase 1 Development
Figure 4 – Approximate Extent of Soil Exceeding Remedial Action Goals
Figure 5 – Soil Remediation/Disposal Decision Tree

### APPENDICES

Appendix A – City of South El Monte Planning Department Certificate of Compliance for Lot Merger and Certificate of Lot Line Adjustment, and Lot Merger
Appendix B – November 2022 Preliminary Endangerment Assessment
Appendix C - Leighton September 3, 2021 Report, Limited Soil and Soil Vapor Site Investigation, Rosemead Holding, LLC
Appendix D – March 17, 1998 RWQCB No Further Requirements Letter
Appendix E – SCAQMD Rule 1466

# 1.0 INTRODUCTION

This Limited Soil Remediation Work Plan for the Eastern Portion of 2200 North Rosemead Boulevard (LSRWP) has been prepared by Leighton Consulting, Inc. (Leighton) for Rosemead Holding LLC (Rosemead) to address known and potential environmental impacts associated with the redevelopment of the former industrial property located at 2200 North Rosemead Boulevard, California (the site or subject property). As discussed with the LARWQCB on April 19, 2023, the LSRWP applies to the planned soil remedial activities on the eastern portion of the site and the exploration and/or removal of any previously unknown environmental liabilities or features discovered in the excavation area. Figure 1 is a site location map of the subject property. The site is approximately 5.1-acres and primarily consists of concrete and asphalt pavement with limited areas of exposed soil and vegetation in the southern portion.

As a part of Rosemead's development plans, the buildings on this former industrial site were demolished in January and February 2022 with the pavement left intact. Prior to the demolition (Figure 2), the central, northern, and western portions of the subject property were developed with five buildings; the easternmost buildings were utilized for industrial cleaning activities associated with Ditty Container, Inc. The westernmost buildings were previously used for automotive repair and tire services. The northeast and eastern portions of the subject site were utilized for storage of used metal 55-gallon drums, cubic plastic tote containers, and associated accessories used in the food industry. The southern portion of the site consisted of an asphalt and unpaved lot which was used as storage for truck trailers and shipping containers for the transport of food drums and related items. With the exception of former landscaped areas and portions of the southern site where exposed soil is evident, the vast majority of site is paved.

The proposed land use for the site consists of one three-story building which on the ground floor includes approximately 112,405 square feet (SF) of warehouse space, 8,200 SF of retail space, 1,950 SF of office space, resulting in a building footprint of approximately 122,555 SF. The second floor and mezzanine of the building will have 14,445 SF of warehouse storage space and 8,875 SF of office space. The third floor of the building will have 9,705 SF of office space. The total square footage for the building is approximately 155,580. Only surface parking is planned in the areas peripheral to the planned development building. The proposed improvements detailed in the Site Plan may be subject to some modifications in the future.

Prior to the commencement of redevelopment activities, the LSRWP will be reviewed and approved by the California Regional Water Quality Control Board, Los Angeles Region (RWQCB) which is providing regulatory environmental oversight for the project under Site

Cleanup Program Oversite Cost Reimbursement Account WIP No. 107.0266 (dated September 27, 2021). Once approved by the RWQCB, the LSRWP will be implemented during soil remediation as a means to address pre-existing and previously undiscovered environmental conditions present in shallow soil in the eastern approximately one third of the site. Based on reports submitted to the RWQCB since 2021 as well as reports submitted contemporaneously with this LSRWP, Leighton has concluded that the full extent of soil impacts requiring remediation has been identified. Post-excavation and confirmation sampling will take place before site closure is sought.

The site is generally located north of Rush Street and east of Rosemead Boulevard in the City of South El Monte, California (Figure 1). The site incorporates the Los Angeles County AIN parcels: 8102-039-031, 8102-039-035, 8102-039-029, and 8102-039-030 which are being merged by the City of South El Monte into a single lot (Appendix A). The merged parcels are also subject to a City of South El Monte Lot Line Adjustment (Appendix A).

The RWQCB has indicated that potential exposures to the chemicals of concern (COCs) in shallow soil must be protective of (1) the future occupants of an industrial building and (2) groundwater. To evaluate risks from the COCs at the site, a Preliminary Endangerment Assessment (Appendix B) was prepared by Enviro-Tox Services, Inc. The purpose of the PEA was to determine if the presence of anthropogenic chemicals in soil at the site represents a threat to current and future site occupants. A copy of the PEA is presented in Appendix B.

The LSRWP is also designed to protect construction workers in the event that soils/materials are encountered that are contaminated by hazardous substances or petroleum products. The LSRWP will also help minimize impacts to construction activities and schedules during the project.

Contractors and subcontractors (hereinafter, contractors) retained by Rosemead for redevelopment purposes will be provided with an electronic copy of the LSRWP and be required to monitor for potential environmental impacts to soil during the demolition of the building slabs/paving and during grading of the eastern portion of the subject property. The contractors will be required to attend a “kick-off meeting” onsite prior to initiation of site demolition and grading activities. At the kick-off meeting, key elements of the LSRWP will be explained and contractors, Rosemead’s project personnel, and Rosemead’s environmental consultant will be provided with a contact list identifying individual responsibilities for communications and response should previously unidentified environmental impacts in soil be discovered during site demolition and grading activities.

If requested by Rosemead, the City of South El Monte will also be provided with an electronic copy of the LSRWP.

## 2.0 PURPOSE

The procedures described in this LSRWP will facilitate the proper characterization and handling of COC-affected soil that workers are likely to encounter during site remediation on the eastern portion of the site. Additionally, this LSRWP details procedures if previously unknown historical improvements such as underground storage tanks (USTs), clarifiers, sumps, interceptors, vaults, buried containers (e.g., 55-gallon drums), and/or piping are encountered during soil remediation.

Contractors, subcontractors, equipment operators and other personnel working on environmental and activities associated with this project must be Hazardous Waste Operations and Emergency Response (HAZWOPER) trained with up-to-date refresher training. The contractors will be responsible for the health and safety of their respective workers and for properly communicating the presence of suspected COCs to Rosemead and Rosemead's environmental consultant when evidence of such is encountered. Leighton will conduct field screening, soil sampling, characterizing/profiling, dust monitoring (i.e., in compliance with South Coast Air Quality Management District's (SCAQMD) Rules 402, 403, and 1466), VOC monitoring (in compliance with SCAQMD Rule 1166), and coordinating the handling and/or removal of materials affected by hazardous substances and/or petroleum products.

Contractors for the project will be provided with a copy of the LSRWP and be required to monitor for potential unidentified environmental concerns in soil during the work. In addition, the contractors will be required to attend a "kick-off meeting" prior to initiation of onsite activities. At the kick-off meeting, key elements of the LSRWP will be explained and a contact list will be provided to identify individuals with responsibilities for communications and response should previously unidentified environmental impacts be discovered during the work. The preparation and implementation of a site-specific Health and Safety Plan (HASP) will be the responsibility of each individual contractor (including the environmental consultant).

Pertinent information relevant to environmental conditions in shallow soil at the site can be obtained from review of Leighton's September 3, 2021 *Report, Limited Soil and Soil Vapor Site Investigation, Rosemead Holding, LLC – Phase I Development 2200 North Rosemead Boulevard South El Monte, California* (Appendix C). Additional information regarding prior soil, soil gas, and groundwater investigations conducted at the site is summarized in Section 4.0 of this LSRWP.

# 3.0 SITE BACKGROUND

## 3.1 Site Description

The information presented in this section was primarily excerpted from the September 3, 2021 Report (Appendix C) prepared by Leighton on behalf of Rosemead, regarding the subject property.

The site is generally located north of Rush Street and east of Rosemead Boulevard in the City of South El Monte, California (see Figure 1). The site includes all or portions of the following Los Angeles County AIN parcels: 8102-039-031, 8102-039-035, 8102-039-029, and 8102-039-030. For the site and as noted, Rosemead has filed for a Lot Merger and Lot Line Adjustment with the City of South El Monte.

The former, now vacated tenants of the various APNs included:

1. the easternmost and most significant portion of the site was occupied by Ditty Container, Inc. (Ditty). Ditty subleased the property from Pacific Coast Drum Company (PCD) from 1996 and has left the site. Both PCD and Ditty cleaned, refurbished, and in some cases, repainted drums and refurbished plastic tote containers since the 1940s, primarily for the food industry.

2. the northwestern-most portion of the site was formerly operated by BJ's Tire Spot and used for tire and truck tire repairs.

3. the two buildings south of BJ's Tire Spot were occupied by DreamWorks Auto Center and were used for auto body repair. Some of the building office space was shared with both Ditty and DreamWorks Auto Center.

   Based on a review of historical documents and aerial photographs, the subject property appears to have the following historical and current land use history:

   - Approximately 1928 through 1948 - Agricultural land use
   - Approximately 1948 through 1959 – Construction equipment storage
   - 1959 - Pacific Coast Drum Company (PCD) develops site and adjoining property to the north as a drum cooperage facility for reconditioning of steel drums primarily used in the food industry

- 1996 to late 2021 – Ditty Container Company, Inc. (drum cleaning and reconditioning); including aboveground/underground storage tanks (AST/UST) and sumps
- 1996 to late 2021 - various auto body shops have occupied the western portion of the subject property
- Early 2022 – Surface demolition of all site buildings has been accomplished. Remaining onsite is the pavement\building slabs; however, limited areas of exposed soil are present in the southeastern portion of the site.
- Late April 2022 – Interim remedial measures associated with a soil vapor extraction (SVE) pilot test are ongoing and have been communicated to the RWQCB as a part of their oversight program.

## 3.2 Geological Description

### 3.2.1 Regional Geology

The proposed development lies within the western portion of the San Gabriel Valley, which is an east-trending, sediment-filled structural trough adjacent to the southern flank of the San Gabriel Mountains. The San Gabriel Mountains are a major component of the Transverse Ranges geomorphic province of California. The Montebello and Puente hills lie southwest and southeast of the site, respectively. These elevated areas are separated by Whittier Narrows, a gap through which the Rio Hondo and San Gabriel rivers pass through. The Rio Hondo River lies less than a mile west of the site. Published geologic maps indicate the site is underlain by Quaternary age young alluvial fan deposits (Dibblee, 1999; Yerkes and Campbell, 2005; Figure 3, *Regional Geology Map*). These deposits typically consist of varying amounts of silt, sand, and gravel layers (Yerkes et al, 1965).

### 3.2.2 Site-Specific Geology

The subject site, approximately 237 feet above mean sea level (AMSL), is located approximately 0.25 miles east of the Rio Hondo River and approximately 2.75 miles west of the San Gabriel River, within the Los Angeles Basin (Basin), a structural trough located within Southern California. The Basin is a northwest-trending lowland plain about 50 miles long and 20 miles wide with extensive alluviation. Mountains and hills that

generally expose Late Cretaceous to Late Pleistocene-age sedimentary and igneous rocks bound the Basin along the north, northeast, east and southeast (Dibblee, Jr., 1999).

The Basin is part of the Peninsular Ranges geomorphic province of California, which is characterized by subparallel blocks sliced longitudinally by young, steeply dipping northwest-trending fault zones. The Basin is a region of active sedimentation, and strata are interpreted to be as much as 31,000 feet thick in the center of the trough.

The near-surface native soils at the subject site are Holocene-age non-marine alluvium comprised of varying proportions of sand, gravel, silt, and clay deposited by the rivers. These deposits are anticipated to be on the order of several hundred feet in thickness, where they are subsequently underlain by thick (several thousands of feet) sequences of sedimentary rock formations (Dibblee, Jr., 1999).

During Leighton's 2021 site investigation, the borings were observed and logged for geologic descriptions. Generally, the soils encountered in the subsurface of the subject property consisted primarily of light brown, brown, or dark brown poorly-graded sand and clay with varied gravel content, sandy clay, silt, silty sand, and clayey sand ranging between two (2) inches and 4.5 feet in thickness.

## 3.3 Hydrogeological Description

### 3.3.1 Regional Hydrogeology

The site is located in the San Gabriel Valley (SGV) Groundwater Basin (Basin Number 4-013) of the South Coast Hydrologic Region. The SGV receives an average annual precipitation between 15 to 31 inches and much of this surface water is drained by the San Gabriel River and its tributaries [CWDR, 2004]. Groundwater flows from the edges to the Rio Hondo and San Gabriel drainages, through the Whittier Narrows, and into the Coastal Plain of Los Angeles Basin.

Groundwater within the SGV basin is primarily calcium bicarbonate in nature [CDWR, 2004]. The SGV Basin has an estimated storage capacity of 10,740,00 acre-feet (ac-ft) of groundwater (includes the Raymond and Upper Santa Ana Valley Basins), with a maximum thickness of water-bearing alluvial deposits in the central portion of the SGV Basin of about

4,100 ft [CDWR, 2004]. Groundwater in this region is mainly unconfined and, since water adjudication in the 1980s, levels have remained reasonably stable, although up to 95 ft variations in water level in the has occurred historically (CDWR, 2004).

### 3.3.2 Site-Specific Hydrogeology

Groundwater was not encountered in any boring drilled during the soil investigations performed by Leighton in 2021. However, two onsite groundwater monitoring wells, MW-2 and MW-3, were gauged during the June 2021 investigation, and respectively exhibited depths of 47.5 and 45.8 feet below the top of their casings. A few feet of water was present in each well: however, further details of their constructions are unknown. Groundwater elevations have lowered over time and depths to groundwater was reported at approximately 32 to 34 feet below ground surface (bgs) in 2002. In 2020, groundwater was measured at 45 feet bgs in October 2020 (EEC, 2020), and approximately 46 to 48 feet bgs during Leighton's June 2021 investigation.

### 3.3.3 Groundwater Usage

The South Coast Hydrologic Region meets approximately 34% of its agricultural and municipal water demands with groundwater [CDWR, 2013].

Based on the California State Water Resources Control Board's Groundwater Ambient Monitoring and Assessment (GAMA) online database (SWRCB, 2021), there are eleven (11) supply wells within one mile of the site. All of these wells are California Department of Water Resources wells, and only limited information about these wells could be identified.

## 3.4 Relevant Site Investigations and Assessments.

### 3.4.1 Current Pre-Remediation Site Investigations

Leighton reviewed multiple reports prepared by several environmental consultants between the years 1988 to 1998. Many of these documents were prepared in response to regulatory oversight that was conducted by the RWQCB. The RWQCB issued a March 17, 1998 No Further Requirements (NFR) letter to the Former Pacific Coast Drum Company

(Appendix D). The NFR letter summarized past activities that were conducted under regulatory oversight at the subject property.

Recent site investigations began in 2020 as part of site acquisition and development. In 2020, EEC conducted soil and groundwater investigations which were summarized in EEC Environmental's October 19, 2020 *Technical Memorandum, Results of Phase II Subsurface Investigation in August and September 2020*. Shallow soil sampling from 33 borings and analytical testing for COCs were performed. Dual nested soil vapor probes were installed and sampled for VOCs in 22 borings at depths of 5 feet bgs and 15 feet bgs. Lastly, four additional soil borings to a depth of 48 feet bgs were installed to collect groundwater samples. All of the analytical test data were compared to the San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (2019) established for a commercial/industrial scenario. EEC's analytical test results are summarized in the Leighton's September 3, 2021 report provided in Appendix C.

EFI Global issued an *Additional Site Characterization Report* which was prepared December 9, 2020. The EFI report also included soil sampling activities that were conducted on the site. EFI advanced 16 soil borings in November 2020 to further characterize and document lead and PCB impacts in soil in the eastern and southern portion of the subject property. The results of EFI's soil investigation are also summarized in Appendix C.

Leighton's review of the historical analytical test data from soil sampling indicates that shallow soil beneath portions of 2200 North Rosemead Boulevard is reported to have been affected by elevated concentrations of lead and PCBs. In addition, soil vapor and groundwater are reported to have been affected by elevated concentrations of VOCs.

The above EEC and EFI analytical test data summarized in Appendix C were evaluated against the following multiple sources of soil screening levels established for a commercial setting: the San Francisco Bay Regional Water Quality Control Board (SFBRWQB) Environmental Screening Levels (ESLs) (January 2019), United States Environmental Protection Agency (US EPA) Regional Screening Levels (RSLs) (May 2020), and the California EPA, Department of Toxic Substances Control Screening Levels (DTSC-SLs) (June 2020). These screening levels were not proposed as remedial

goals and are presented in the report solely for context in reviewing areas of the site where COCs may require remediation.

A soil and soil vapor investigation conducted by Leighton from June 18, 2021 through June 29, 2021, further characterized the lateral and vertical extent of CAM-17 metals, PCBs, and VOCs in soil, as well as VOCs in soil vapor, in locations beneath the site not investigated by previous consultants. The investigation included 20 soil borings, with ten (10) of these locations having dual- or multi-nested soil vapor probes also installed, up to a maximum depth of 35 feet bgs. The results of Leighton's soil and soil vapor investigation are provided in Appendix C.

Shallow soil at the site has been adequately characterized. Some metals, TPH, and PCBs were detected in excess of their respective commercial ESLs, but generally are limited to the upper 1 to 3 feet, and are limited to the eastern third of the site. Specific COCs include lead, chromium, and PCBs.

## 4.0 REMEDIAL ACTION GOALS FOR SOIL

As identified in the PEA (Enviro-Tox, November 2022) (Appendix B), the maximum detected concentration or the 95% UCL (whichever was higher) of chemicals detected in soil samples were used identify to chemicals of potential concern (COPCs) for the site. The COPCs were then evaluated to identify which COPCs exceeded risk thresholds to identify COCs for the site. For the COPCs, only lead and Cr VI were identified as COCs where the 95% UCL exceeded the risk threshold for that chemical. In order to reduce the risk to human health and the environment, Leighton proposes to remediate soil in the upper 5 feet of the subsurface in order to reduce the 95% UCL of lead and CR VI to below 320 mg/kg and 55.36 mg/kg, respectively. Additionally, soil with concentrations of any chemicals exceeding the non-RCRA or RCRA based hazardous waste threshold levels for these chemicals will be remediated to minimize the future generation of hazardous waste at the site.

The following Remedial Action Goals (RAGs) are proposed to identify the maximum concentration of COCs that may be reused at the site. Soil with concentrations of COCs equal to and in excess of these limits may be reused if they are treated to reduce the concentration to or below their respective RAG.

- Cr VI – Soil with concentrations causing the 95% UCL to exceed 55.36 mg/kg,
- Cr VI – Soil with concentrations exceeding 5,000 mg/kg,
- Cr VI – Soil with leachable concentrations exceeding 5.0 milligrams per liter (mg/L) using the California Waste Extraction Test (CA-WET) method,
- Lead – Soil with concentrations causing the 95% UCL to exceed of 320 mg/kg.
- Lead – Soil with concentrations exceeding 1,000 mg/kg,
- Lead – Soil with leachable concentrations equal to or exceeding 5.0 mg/L using either the CA-WET or TCLP analytical test methods, and
- All other COCs with concentrations exceeding the regulatory thresholds requiring management as a non-RCRA or RCRA hazardous waste.

# 5.0 SITE REMEDIATION ACTIVITIES FOR KNOWN AND UNKNOWN AREAS OF ENVIRONMENTAL CONCERN

The site remediation activities will be limited to the eastern portion of the site and involve excavation of areas of COC-affected soil, stockpiling, sampling, profiling and evaluation of COC-affected soil suitable for treatment and reuse onsite or requiring offsite disposal at an appropriate permitted landfill or treatment facility. Additionally, soil confirmation sampling activities are required to evaluate if the soil in excess of the RAGs have been removed. The approximate areas of the site with known concentration of COCs in excess of the RAGs thresholds are shown as a yellow-highlighted area on Figure 4. An important component of the remedial activities is profiling the soil as expeditiously as possible so that continued redevelopment activities can proceed without significant delay.

## 5.1 Excavation of Known Environmentally Impaired Soils

The known environmentally impaired soils consist of the metal-affected soils located in the eastern portion of the site. The metal-affected soils are roughly distributed in a rectangular area in approximately 390 feet north to south and 180 feet west to east (Figure 4). Within this area are metal-affected soils requiring management as either a non-hazardous, non-RCRA or RCRA hazardous waste (Figure 4). An estimated 28,000 $yd^3$ of soil affected by metals will need to be excavated, managed, sampled and treated and/or disposed of. The metal-affected soils are beneath the existing pavement/building slabs at the site. The following approach should be conducted to address the metal-affected soils requiring removal:

- **Create and Manage Separate Soil Stockpiles Based on Field Observation -** After the removal of the concrete and asphalt pavement and building slabs from the site, underlying soil should be observed for their color and physical evidence of environmental impacts (e.g., metal debris, refuse, odor, VOCs as measured with a calibrated photoionization detector [PID], etc.). Soils that appear discolored or exhibiting physical indications of environmental concern will be stockpiled with soil exhibiting similar characteristics separately from soils that appear to represent background conditions. Review of historical analytical test data from prior soil investigations indicates that that the metal-affected soils are primarily distributed in shallow soil (i.e., less than 3 feet thick) in the eastern one-third of the (Figure 4). As the excavated soil may contain Toxic Air Contaminants (lead and PCBs) as defined by SCAQMD Rule 1466, no stockpile shall exceed 400 cubic yards ($yd^3$) of soil and be greater in height than the perimeter fencing and windscreen.

- **Create and Manage Separate Soil Stockpiles Based on Existing Soil Sampling Data –** Select areas of the site with previous analytical test data indicating that the soil contains concentrations of COCs that would require management as a non-RCRA or RCRA hazardous waste may be excavated and segregated into stockpiles based on this existing data. It may not be possible to segregate all soil that was previously considered a hazardous waste, and it may be possible that the segregated soil stockpiles are further profiled as a different waste classification than was estimated during the initial soil sampling and testing events.

Based on the concentrations of VOCs detected in the shallow soil sampling data, Leighton does not expect to encounter "VOC contaminated soil", which, as defined by SCAQMD Rule 1166, "is a soil which registers a concentration of 50 [parts per million by volume (ppmv)] or greater of Volatile Organic Compounds as measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil with an organic vapor analyzer [OVA] calibrated with hexane." However, if soil is encountered with VOCs measured using a calibrated OVA exceeding 50 ppmv, the excavation of those areas will be conducted in accordance with the requirements of a SCAQMD Rule 1166 various location or site specific plan. In accordance with SCAQMD Rule 1166, the VOCs in soil at the site will need to be monitored under a SCAQMD site Specific Mitigation Plan. If offsite disposal of VOC contaminated soil (if present) is required, information pertinent to the concentrations of VOCs in soil will need to be communicated to permitted landfills to conform to their profiling criteria.

## 5.2 Unknown Environmental Impacts in the Eastern Portion of the Site

In addition to the known environmental impacts in the shallow soil in the eastern portion of the site, there is the possibility of encountering previously unknown environmental liabilities within the area to be remediated. The section below describes the procedures to investigate or close these previously unknown environmental liabilities, if encountered.

### 5.2.1 Underground Storage Tanks

If a previously unidentified UST is encountered during remediation, a licensed contractor will be mobilized to the site to conduct UST closure activities. The UST will be exposed, and the contents sampled to evaluate if the UST can be removed. If the UST has not been filled with slurry or other solid material, any residual liquid will be sampled and profiled for

disposal, the liquid will be evacuated and transported off site for disposal in accordance with California and federal regulations.

The UST removal will be permitted as required and the UST will be removed in accordance with local and state requirements. The soil underlying the UST will be sampled in a minimum of two locations for TPH, VOCs, and Title 22 Metals. Based on the contents of the UST, and the results of the soil samples, additional soil excavation may be recommended. Leighton will coordinate with the Los Angeles City Fire Department (LACFD) and the RWQCB to collect soil samples to facilitate tank closure activities.

### 5.2.2 Clarifiers and Pits

If a previously unidentified clarifier, pit, or similar feature is encountered in the remediation area, the feature will be exposed, and the contents sampled to evaluate if the feature can be demolished and removed. If the feature contains residual liquids, those liquids will be sampled and profiled for disposal. The liquid will be evacuated and transported off site for disposal in accordance with California and federal regulations.

The feature will be permitted if required and demolished and removed in accordance with local and state requirements. The soil underlying the feature will be sampled in a minimum of one location for every 100 square feet of surface area for TPH, VOCs, and Title 22 Metals. Based on the contents of the feature and the results of the soil samples, additional soil excavation may be recommended. Leighton will coordinate with LACFD and RWQCB personnel to collect soil samples to facilitate closure activities, if required

### 5.2.3 Vertical Features and Structures

If a previously unidentified vertical structure, such as a hydraulic lift or a dry well is encountered in the remediation area, Leighton will attempt to identify the depth of the structure and if any potentially hazardous materials are associated with the structure. The structure will be removed, and soil samples will be obtained from the nearby soil. A boring will be advanced adjacent to the structure to a minimum of 10 feet below the depth of the structure and soil samples will be collected at five-foot intervals. The soil samples will be analyzed for TPH, semi-volatile organic compounds (SVOCs), and Title 22 Metals. Soil samples will be screened in the field for

the presence of VOCs and soil samples may be subsampled in accordance with USEPA Method 5035 and analyzed for VOCs by USEPA Method 8260.

### 5.2.4 Horizontal Features and Structures

If previously unidentified horizontal structures are encountered in the remediation area, Leighton will sample the underlying soil at a rate of 1 sample per 25 linear feet of the structure, with additional soil samples at identified bends as required. Sewer lines connected to site plumbing are not considered horizontal features for this purpose.

Soil samples will be collected as close as practical under the structure. Additional soil samples may be collected at a second depth up to 7 feet bgs depending on the type of structure. Samples will be analyzed for TPH, VOCs, and Title 22 Metals in the case of liquid fuels lines and other similar structures.

### 5.2.5 Stained, Discolored or Odorous Soils and VOC Contaminated Soils

If stained, discolored, or odorous soils are encountered in the remediation area, the area will be documented, and excavation activities (if ongoing) will be paused to evaluate the extent and nature of the potential impacts. Potential sources of stained, discolored or odorous soil include, but are not limited to, VOCs, liquid fuel, machine or other lubricating oils, and other wastes. The soils will be excavated and stockpiled as required and the area subject to confirmation sampling.

### 5.2.6 Visual Observation

During demolition activities in the remediation area, the exposed soil beneath the building foundations, floors, pavement, and other features will be visually observed. A field log will be maintained and areas of soil staining or sampling will be plotted on a site map to document locations suspected of being affected by hazardous substances or petroleum products, which has not already been characterized. Soil color and associated features (e.g., USTs, machine pits, hydraulic lifts, interceptors, sumps, and clarifiers) will be described on the field log. Any observed discoloration, odor, or other evidence of potential hazardous materials impact will be documented to serve as the basis for further evaluation, as appropriate. Additional excavation and sampling will occur as appropriate.

## 5.3 Excavation Monitoring

The excavated soil and in-place soil at the perimeter of the excavation will be monitored for evidence of discoloration, odors, or other indicators of contamination. In addition to visual observations, a PID will be used to screen for VOCs in the stockpiled soil and around the perimeter of the excavation, as described in Table 1. For example, in accordance with Waste Management's Simi Valley Landfill (SVL) soil profiling guidelines, soil that has less than 50 ppm equivalents when measured with the PID will be suitable for daily cover at SVL; however, soil which registers a concentration greater than 50 ppm equivalents will require disposal at the SVL. Dust monitoring will be conducted in accordance with SCAQMD Rules 402, 403, and 1466, as further described below.

### 5.3.1 SCAQMD Rules 403 and 402

Dust monitoring will be conducted during the excavation and grading operations to monitor for dust and particulate matter at the property boundary in accordance with SCAQMD Rule 403 requirements. Excessive fugitive dust emissions shall be controlled by regular watering and other dust suppression measures, as specified in the SCAQMD's Rules and Regulations. In addition, SCAQMD Rule 402 requires implementation of dust suppression techniques to prevent fugitive dust from creating a nuisance off-site. Implementation of the following measures would reduce short-term fugitive dust impacts on nearby sensitive receptors:

- All active portions of the construction site shall be watered every three hours during daily construction activities and when dust is observed migrating from the project site to prevent excessive amounts of dust.
- Pave or apply water every three hours during daily construction activities or apply non-toxic soil stabilizers on all unpaved access roads, parking areas, and staging areas. More frequent watering shall occur if dust is observed migrating from the site during site disturbance.
- Any on-site stockpiles of debris, dirt, or other dusty material shall be enclosed, covered, or watered twice daily or non-toxic soil binders shall be applied.
- All grading and excavation operations shall be suspended when wind speeds exceed 25 mph.

- Disturbed areas shall be replaced with groundcover or paved immediately after construction is completed in the affected area.
- On-site vehicle speed should be limited to 15 miles per hour.
- Visible dust beyond the subject property limits which emanates from the site shall be prevented to the maximum extent feasible.
- All material transported offsite shall be either sufficiently watered or securely covered to prevent excessive amounts of dust prior to departing the site.
- Reroute construction trucks away from congested streets or sensitive receptor areas to the extent feasible. Rumble strips or trackout hardware should be installed at all site egress areas.

### 5.3.2 SCAQMD Rule 1466

Due to the presence of Applicable Toxic Air Contaminants (primarily lead and PCBs [aroclors 1254 and 1260]) in shallow soil in selected areas at the site, compliance with Rule 1466 is where elevated metals/PCBs are present in much of the shallow soil that will require excavation. During the soil excavation, stockpiling, and loading activities at the site, particulate (dust) monitoring per Rule 1466 will be implemented during all earth-moving activities. The purpose of Rule 1466 is to minimize the amount of off-site fugitive dust emissions containing toxic air contaminants by reducing particulate emissions in the ambient air as a result of earth-moving activities, including, excavating, grading, handling, treating, stockpiling, transferring, and removing soil that contains Applicable Toxic Air Contaminants from sites that meet the applicability requirements. A copy of the Applicable Toxic Air Contaminants can be found in Table I of Rule 1466 in Appendix E.

At least 72 hours and no more than 30 days prior to conducting any earth-moving activities on any site meeting the applicability requirements of subdivision, the owner or operator shall electronically notify the SCAQMD Executive Officer, using a format approved by the Executive Officer, of the intent to conduct any earth-moving activities. There are multiple Rule 1466 notifications that are required that must be performed by either Rosemead or their designated contractor.

The monitoring required for Rule 1466 consists of taking continuous direct-reading measurements of particulate matter (PM) less than 10 micrometers ($PM_{10}$) in diameter. One $PM_{10}$ meter will be placed along the upwind side of the seasonal prevailing wind direction (generally from the western portion of the site in a secure area just east of North Rosemead Boulevard) with another $PM_{10}$ meter placed along the downwind side of the site (generally on the eastern portion of the site. An additional $PM_{10}$ meter will be placed adjacent to the north side of the residential trailer park near the southeast portion of the site. As wind directions can often vary in Southern California (e.g., during Santa Ana wind conditions), the field geologist/scientist will make the determination as to the upwind and downwind locations of the meters. These meters are set to take particulate readings every ten minutes to ensure that the $PM_{10}$ concentration over 2 hours does not exceed 25 micrograms per cubic meter ($\mu g/m^3$). The $PM_{10}$ meters will be identical in make and model; settings; calibration; configuration and calibration, correction, and correlation factors.

The meters will collect ambient $PM_{10}$ data with a data acquisition system that is capable of logging direct-reading near real-time data providing the date, time, and $PM_{10}$ concentration in $\mu g/m^3$ every ten minutes or less.
The $PM_{10}$ concentration is the absolute difference between the upwind and downwind monitors. If the $PM_{10}$ concentration averaged over two hours exceeds 25 $\mu g/m^3$, the owner or operator (e.g., the Rosemead contractor) shall cease earth-moving activities, apply dust suppressant to fugitive dust sources, or implement other dust control measures as necessary until the $PM_{10}$ concentration is equal to or less than $\mu g/m^3$ averaged over 30 minutes.

The Rosemead contractor shall post signs at all entrances of the site to designate the speed limit as 15 miles per hour. In addition to the particulate monitors, water trucks will be stationed at the grading and excavation portions of the site during all earth-moving activities. The water trucks will supply constant dust suppression to reduce, or essentially eliminate, dust produced during the earth-moving activities. Soil stockpiles generated during excavation and grading activities will be underlain and covered with visqueen stabilized with sandbags to minimize fugitive particulate emissions. The Rosemead contractor shall comply with other provisions of Rule 1466, Section (e) *Requirements to Minimize Fugitive Dust Emissions*. During earth-moving activities, Rosemead's contractor shall have an on-site dust control supervisor that complies with Rule 1466 Section (e), 9.

During the soil removal activities, the metal and PCB-affected soils will be directly loaded in end-dump trucks equipped with tarps. Once the load has been placed, the load will be completely tarped and exterior of the truck, trailer, and tires will be cleaned prior to the truck leaving the site. In addition to sweeping vehicles prior to exit, the trucks will drive over a pad of gravel at least 50 feet long, followed by a section of shaker plates at least 24 feet long, to remove as much soil as possible prior to leaving the site. The egress of the site will be swept each day to remove any soil tracked offsite from the roadway (i.e., North Rosemead Boulevard).

The Rosemead contractor will comply with the recordkeeping requirements detailed in Rule 1466 and maintain the records for period of not less than three years and shall make such records available to the SCAQMD Executive Officer upon request. As noted, the Rosemead earthmoving contractors will conduct their activities in compliance with Rule 1466 which is presented in its complete form in Appendix E.

# 6.0 SOIL HANDLING, SAMPLING, TREATMENT AND DISPOSAL ACTIVITIES

The following sections detail the policies and procedures to be utilized during the stockpiling, sampling, treatment and disposal of environmentally-affected soils at the site. Soil excavation activities will be directed by the previous sampling activities as modified by confirmation sampling activities. Soil remediation and disposal activities will be directed by soil stockpile sampling activities.

## 6.1 Soil Stockpile Management

In conformance with SCAQMD Rule 1466, Section 4C, stockpiles containing soil with toxic air contaminants (e.g., lead and PCBs), will not exceed a size of 400 $yd^3$ and will not be greater in height than the perimeter fencing and windscreen. The number of soil stockpile samples collected for profiling will generally conform with the *DTSC 2001 Information Advisory Clean Imported Fill Material* which requires one soil sample for each 250 $yd^3$ of stockpiled material. Therefore, for a soil stockpile containing 400 $yd^3$, two soil samples will be collected for profiling purposes. The soil samples should be collected at a depth of at least 1 foot below the surface of the soil stockpile,

Excavated soil will be placed on plastic sheeting and covered with plastic sheeting a minimum of 10 mil in thickness at the end of each field day. Sandbags may be placed on top of the stockpile to ensure stability of the plastic sheeting. Soil stockpiles will be segregated by area of generation and will be designated on that basis. If excavation activities are scheduled during the rainy season, additional best management practices may be required to control potential run-off from the stockpiles.

Soil stockpiles with suspected concentrations of lead exceeding the threshold for characterization as a hazardous waste will be sampled at a rate of 1 sample per 250 cubic yards and analyzed for total metal content in soil for comparison to the Total Threshold Limit Concentrations (TTLCs). Soil samples with total concentrations of metals exceeding 10 times their respective STLC or TCLP threshold for characterization as a RCRA- or non-RCRA hazardous waste will undergo extraction and analysis for those metals. Each 400 $yd^3$ stockpile will be managed in accordance with the maximum detected concentration.

Stockpiles with suspected concentration of PCBs will be sampled at a rate of 1 sample per 250 $yd^3$ for PCBs. Stockpiles with suspected concentration of petroleum hydrocarbons and/or VOCs will be sampled at a rate of 1 sample per

250 $yd^3$ for these constituents. Each 400 $yd^3$ stockpile will be managed in accordance with the maximum detected concentration.

Stockpile soil samples will be collected in a pre-cleaned glass jar provided by the analytical laboratory. Alternatively, a slide-hammer hand sampler equipped with stainless steel sleeves may be utilized. After a soil sample is collected, in the slide hammer, the ends of the stainless steel sleeve will be covered with Teflon sheets and capped with plastic end caps. If a soil sampling location is inaccessible to hand-sampling equipment, soil sample collection will be accomplished with the aid of the backhoe/excavator. Care will be taken to sample only representative and relatively undisturbed areas when practical. The confirmation soil samples will be labeled and transported in a chilled cooler under chain of custody protocol to the analytical laboratory. Samples to be analyzed for VOCs will be subsampled in the field in accordance with USEPA Method 5035.

Each soil sample container will be labeled with a unique sample identification number based on the location where the sample was collected. The label will also indicate the date and time when the sample was collected, name of the person handling the sample, and the specific chemical tests being requested from the laboratory. After labeling, the sample will be placed into a properly chilled cooler pending delivery to the analytical laboratory. All soil samples will be documented on a chain-of-custody record. The locations where soil samples are collected will be plotted on the site map and recorded in the field log.

## 6.2 Excavation Area Confirmation Soil Sampling

After the planned excavation limits have been reached and additional discolored, stained, or odorous soils have been removed, relatively undisturbed confirmation soil samples will be collected from the sidewalls and floor of the excavation for laboratory analysis. The confirmation soil samples will be used to evaluate whether the in-place soil bounding the excavation exceeds the respective RAGs criteria. The confirmation soil samples from the floor of the excavation will be collected on a grid system every 25 feet. Markings will be placed on the exterior of the excavation area indicating the distance from the northeast corner of the property and sample locations will be designated “EFS-NS-EW-DD” where EFS designates “excavation floor sample”, NS designates the distance south from the northeast corner, EW designates the distance west from the northeast corner and DD designates the depth. Thus EFS-50-100-03 would be an excavation floor sample collected 50 feet south and 100 feet west of the northeast corner at a depth of 3 feet bgs.

Sidewall samples will be collected for each sidewall greater than 3 feet in height. Sidewall samples will be collected at 25 foot lateral intervals at the approximate midpoint depth of the sidewall. Sidewall soil samples will be designate "SIDEWALL-NSEW-DD" where SIDEWALL designates from which sidewall the sample was collected, NSEW designates the linear distance along the sidewall from the northern or east site boundary, and DD designates the depth. Thus "SOUTH-100-2" designates the sample collected along the southern sidewall of the excavation, 100 feet west of the eastern site boundary at an approximate depth of 2 feet.

When possible, the confirmation soil samples will be collected in a pre-cleaned glass jar provided by the analytical laboratory. Alternatively, a slide-hammer hand sampler equipped with stainless steel sleeves may be utilized. After a soil sample is collected, in the slide hammer, the ends of the stainless steel sleeve will be covered with Teflon sheets and capped with plastic end caps. If a soil sampling location is inaccessible to hand-sampling equipment, soil sample collection will be accomplished with the aid of the backhoe/excavator. Care will be taken to sample only representative and relatively undisturbed areas when practical. The confirmation soil samples will be labeled and transported in a chilled cooler under chain of custody protocol to the analytical laboratory. Samples to be analyzed for VOCs will be subsampled in the field in accordance with USEPA Method 5035.

Each soil sample container will be labeled with a unique sample identification number based on the location where the sample was collected. The label will also indicate the date and time when the sample was collected, name of the person handling the sample, and the specific chemical tests being requested from the laboratory. After labeling, the sample will be placed into a properly chilled cooler pending delivery to the analytical laboratory. All soil samples will be documented on a chain-of-custody record. The locations where soil samples are collected will be plotted on the site map and recorded in the field log.

## 6.3 Laboratory Analysis Selection

Soil samples will be submitted to a certified environmental laboratory for analysis by the following test methods:

- Soils with suspect TPH impacts will be analyzed by USEPA Method 8015M for TPH (gasoline/diesel/motor oil)

- Soils with suspected VOC impacts will be analyzed by USEPA Method 8260B for VOCs (collected using EPA Method 5035).
- Soil with suspected metals impacts will be analyzed for CAM-17 using USEPA Method 6010/7000 series.
- Soils with suspected PCB impacts will be analyzed by USEPA method 8082.
- Soil stockpile samples with total metal detections that are greater than 10 times their STLC (e.g., 50 mg/kg for lead) will have a soluble extract collected using the California Waste Extraction Test (WET) for the specific metal. A separate soluble extract may be collected for analysis using the Toxicity Characteristic Leaching Procedure (TCLP). Extracted leachate samples will be analyzed for specific metals by USEPA methods 6010/7000.

## 6.4 Excavation Area Expansion Due to Confirmation Samples Exceeding RAGs

In areas where the confirmation soil samples analytical test results exceed the RAGs, the excavation area will be expanded and resampled. For samples from the soil of the floor of the excavation, the 25-foot square area centered on the sample location will be extended a minimum or 1 foot and a confirmation soil sample will be collected at this new depth. For side-wall samples, the 25-foot long area of the sidewall centered on the sample location will be extended a minimum of 1 feet and a confirmation sample will be collected of the expanded sidewall.

Alternatively, hand auger soil samples may be collected to direct excavation activities. For excavation floor samples, a hand auger may be used to advance a boring in 1-foot increments and a slide hammer used to collect a confirmation soil sample at each depth. Sidewall soil samples may be collected by advancing a boring into the undisturbed soil in line with the sidewall sample but a minimum of 1 foot laterally outside the excavation to the same depth as the original sample. However, if observation (e.g., soil discoloration) suggests the COC-affected soils are more laterally extensive, the decision to collect the confirmation soil samples will be conducted at the discretion of the field geologist. A slide hammer soil sample or soil sample collected with a backhoe, will be used to collect confirmation soil samples in each area. Additional step-out soil samples may be collected at the discretion of the field geologist to evaluate the extent of the excavation expansion. Step-out soil samples may be analyzed incrementally until soil analytical results are reported below the RAGs.

If a sidewall sample does not meet the remedial action goal, the 25' section of sidewall represented by the sample location will be expanded outward a minimum of one foot and resampled. As noted, if visual or olfactory evidence of COC-affected soils are still observable, the excavation can be expanded at the discretion of the field geologist followed by resampling and analytical testing to confirm the lateral and vertical extent of the COC-affected soils or below their respective RAGs. Sidewall expansion will not proceed beyond the limits of the property or where excavation will undermine an adjacent structure.

## 6.5 Waste Classification

The waste classifications of the each soil stockpile will be evaluated based on the stockpile sampling. Soil will be segregated into 5 classifications of soil: acceptable for reuse, non-hazardous, Non-RCRA-hazardous, RCRA hazardous, or Toxic Substances Control Act (TSCA) waste. Some soil may exhibit characterization as both Non-RCRA- or RCRA- hazardous and TSCA waste.

### 6.5.1 Soil Acceptable for Reuse

If the soil stockpile samples do not exceed the RAGs established for the site, the soil may be reused on-site without limitation.

### 6.5.2 Non-Hazardous Soil

Soil with concentrations of COCs that exceed RAGs but do not exceed thresholds for characterization as a Non-RCRA-, RCRA, or TSCA-hazardous soil will be disposed of off site at an appropriately permitted facility.

Permitted nonhazardous waste facilities in California include:

WM – Simi Valley Landfill
2801 Madera Road
Simi Valley, California
Phone: (805) 579-7267

Chiquita Canyon Landfill
29201 Henry Mayo Drive Castaic
California 91384
Phone: (661) 257-3655

Bradley Municipal Landfill
9081 Tujunga Avenue
Sun Valley, California 91352
Phone: (818) 767-6180

Soil Safe of California
12328 Hibiscus Avenue
Adelanto, California 92301
Phone: 800-862-8001

Crosby & Overton (Drums only)
1630 W 17th Street
Long Beach, CA 90813
Phone (562) 432-5445

### 6.5.3 Non-RCRA Hazardous Soil

Soil with TTLC concentrations of metals exceeding the threshold for characterization as a Non-RCRA-hazardous waste will be disposed of off-site at an appropriately permitted facility. Soil with leachable concentrations of metals that exceed the STLC threshold for characterization as a non-RCRA hazardous waste will be characterized accordingly. Non-RCRA hazardous wastes may be disposed at permitted facilities outside of California as a non-hazardous waste, but will be transported and manifested as a non-RCRA hazardous waste.

Non-RCRA hazardous waste permitted facilities in California and Arizona include:

Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, California 93206
USEPA ID No. CAD980675276
Phone: (661) 762-6200

Waste Management Kettleman Hills
35251 Old Skyline Road
Kettleman, California 93239
USEPA ID No. CAT00646117
Phone: (559) 386-9711

South Yuma County Landfill
19536 S. Avenue 1E
Yuma, Arizona
85366 USEPA ID No. AZR000506980
Phone: (928) 341-9300

### 6.5.4 RCRA-Hazardous Waste

Soil with TCLP concentrations of metals exceeding the threshold for characterization as a RCRA-hazardous waste will be characterized accordingly.

RCRA hazardous wastes may be disposed at permitted facilities outside of California as a non-hazardous waste, but will be transported and manifested as a non-RCRA hazardous waste.

RCRA hazardous waste permitted facilities in California and Arizona include:

Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, California 93206
USEPA ID No. CAD980675276
Phone: (661) 762-6200

Waste Management Kettleman Hills
35251 Old Skyline Road
Kettleman, California 93239
USEPA ID No. CAT00646117
Phone: (559) 386-9711

### 6.5.5 TSCA Waste

Soil with total PCB concentrations exceeding 50 mg/kg will be characterized and disposed of as a TSCA Waste.

## 6.6 Chemical Fixation Option for Non-RCRA and RCRA Hazardous Waste

Soil that is characterized as non-RCRA hazardous waste but has TTLC concentrations of metals below the threshold for characterization as hazardous waste, as well as RCRA hazardous waste, may be treated on site using chemical

fixation to eliminate or reduce the leaching characteristic of the waste. Soil that is stabilized on site will be processed in batches and sampled after processing to confirm that the leaching characteristic has been treated. If applicable, multiple treatments may be applied. Once the leaching characteristic has been removed from the waste, it will be characterized in accordance with the TTLC concentrations of the COCs. Treated soil may be characterized as either soil acceptable for reuse, non-hazardous waste, or non-RCRA hazardous waste.

Soil that is suitable for chemical fixation will be mixed in a pug mill or other similar equipment with a fixation agent to reduce the leachability of COCs in the waste. The processing plant will be mobilized to the site under a Transportable Treatment Unit (TTU) permit issued by the DTSC and USEPA to treat the site COCs. In general, the excavated soil is mixed with Portland cement (or other binding agent) and water so that the soil wastes are incorporated in the cement (or other agent) mixture, reducing the leachability of the COCs. Chemical fixation is not suitable for dilution of the waste so as to reduce the total concentration of the COCs, hence soil with COCs in excess of the TTLC threshold for characterization as a non-RCRA hazardous waste will be profiled as a non-RCRA hazardous waste even if treated.

Prior to full scale treatment of site soils, a bench scale test may be conducted to evaluate the optimal fixation agents and required volumes for soil stabilization. A decision tree detailing the process to evaluate if waste may be treated on site, reused on site, or disposed off-site is included as Figure 5.

## 6.7 Dewatering of Excavation if Perched Groundwater is Encountered

It is not anticipated that dewatering will be required for this site. However, should unanticipated perched groundwater be discovered during site redevelopment activities, the RWQCB project manager will be contacted and samples shall be obtained from the groundwater and analyzed for COCs designated by the RWQCB. Should the groundwater samples exceed applicable discharge requirements, a dewatering plan shall be prepared by the Rosemead licensed contractor and submitted to the RWQCB and other appropriate agencies determined appropriate in consultation with the RWQCB for review and approval. The plan shall include but not be limited to sampling of groundwater that may be contaminated; and treatment and disposal of COC-affected groundwater in compliance with applicable regulatory requirements. Written verification from the RWQCB of approval of a dewatering plan would be required. Should perched groundwater be encountered, the Rosemead environmental consultant will contact

the RWQCB to evaluate if they will provide oversight and permitting for the dewatering program or will defer these activities to another regulatory oversight entity.

## 7.0 FEATURES REQUIRING PERMITS

It is very unlikely that soil excavation and remediation in the eastern portion of the site will result in the discovery of regulated underground features such as USTs, clarifiers, and their associated piping that have not previously been identified and investigated. However, if such features are unearthed, the contractor is to immediately halt work in that area and notify Rosemead, the designated environmental consultant and the Site Safety Officer. The potential hazard posed by the feature should be assessed prior to any additional work at that location. If it is deemed safe to continue working at that location, personnel should attempt to expose the feature and determine its size and purpose. In addition, the UST or feature should be evaluated for potentially hazardous contents (type of substance and quantity). With Rosemead's approval, the environmental consultant should contact the RWQCB project manager, City of South El Monte Building and Safety Department, and the Los Angeles County Fire Department (LACFD; (626) 430-3050; CUPA for the site). An application/permit for removal of the UST and piping should be completed. Soil sampling around/under the UST or feature may be necessary for proper closure and to evaluate for potential contamination. The newly discovered feature will not be disturbed until the City of South El Monte and LACFD permit procedure is established. The physical location of the UST or feature will be noted and recorded on the Daily Field Log and site base map. The work performed to investigate and remove the feature will be documented in a summary report and submitted to the permitting agency and to the RWQCB.

Compliance with all elements of SCAQMD Rules 402, 403, 1166, and 1466 including obtaining proper permits, monitoring for VOC Contaminated Soil, preparing a VOC Contaminated Soil Mitigation Plan (if needed), and providing notifications and documentation/reporting to SCAQMD (if required) shall be the responsibility of the contractor and/or environmental consultant.

Prior to any soil excavation activities in the eastern portion of the site, Rosemead will acquire a site-specific DTSC Temporary State ID Number for the possible removal of non-RCRA hazardous waste generated from the site. The temporary state ID number issuance website for this application from the DTSC is https://dtsc-web01.dtsc.ca.gov/epaid/Default.aspx

To address non-hazardous waste generated from the site, waste manifests, and weight tickets will be provided in the report. To address non-RCRA hazardous waste and RCRA hazardous waste, generator waste profile sheets or waste material profile sheets, and Uniform Hazardous Waste Manifests, and weight tickets documenting the transport and disposal of hazardous waste, if present, will be provided in the report. Should RCRA

waste be generated, Rosemead will complete and submit a RCRA Subtitle C Site Identification Form to the United States Environmental Protection Agency.

# 8.0 REPORTING

## 8.1 RWQCB Notification of Newly Discovered Areas Potentially Affected by Hazardous Substances and Petroleum Products

With the approval of Rosemead, the RWQCB Project Manager will be notified and consulted for proper delineation and removal of non-RCRA hazardous waste or RCRA hazardous waste if newly discovered areas of contamination are discovered during redevelopment exceeding a volume greater than a 55-gallon drum. This notification will occur via a telephone call and via email at the direction of the California Professional Geologist who is the designated point-of-contact for this redevelopment project.

## 8.2 Preparation of Summary Report

At the conclusion of site demolition, soil remediation, and grading activities in the eastern portion of the site, a report will be prepared that summarizes the field activities, describes pertinent observations and conclusions, and documents the disposal of any regulated wastes. Recommendations for further action or the need for further action will also be provided in the report, if necessary. The report will include the laboratory analytical reports, and a base map illustrating the extent of the excavation and any previously unidentified features that were unearthed and removed. All of the field logs and disposal documentation will be presented as appendices to the report.

# 9.0 REFERENCES

40 Code of Federal Regulations (CFR) Part 261 – Identification and Listing of Hazardous Waste, May 19, 1980.

California Code of Regulations, Title 22, Article 11.

California Environmental Protection Agency (Cal/EPA), 2015, Advisory – Active Soil Gas Investigations, dated July 2015.

Cal/EPA, DTSC, Determination of a Southern California Regional Background Arsenic Concentration in Soil, http://www.dtsc.ca.gov/upload/Background-Arsenic.pdf Undated (accessed February 27, 2019).

Simi Valley Landfill, Waste Acceptance Guidelines provided by Ms. Ilene Packer, Industrial Account Manager, Waste Management, personal communication, June 21, 2018.

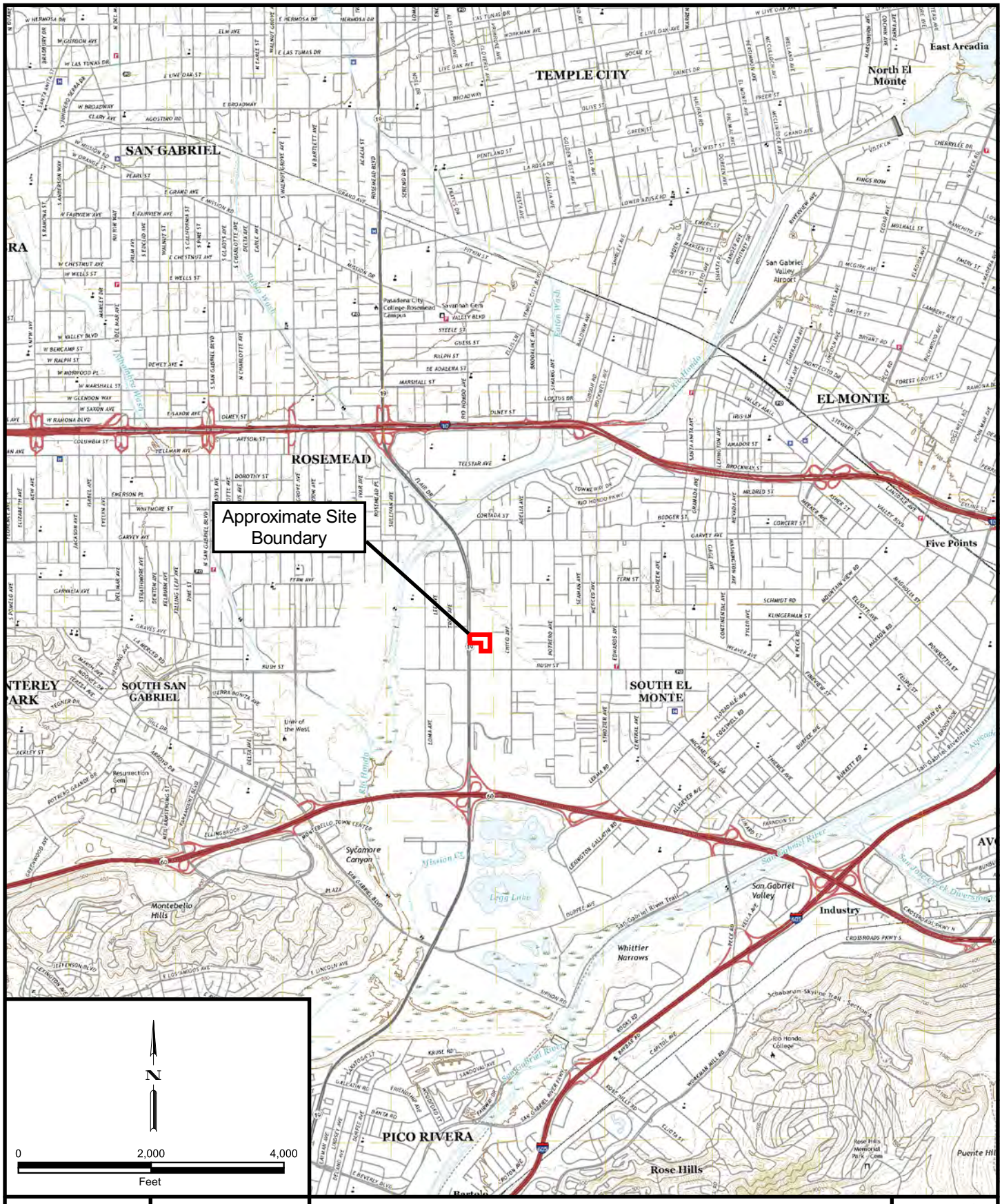
Enviro-Tox Services, Inc, Human Health Risk Assessment, Rosemead Holding, LLC Property, 2200 North Rosemead Boulevard, South El Monte, California, December 21, 2021.

South Coast Air Quality Management District, Rule 1166 – Volatile Organic Compound Emissions from Decontamination of Soil (Adopted August 5, 1988) (Amended July 14, 1995) (Amended May 11, 2001).

South Coast Air Quality Management District, Rule 1466, Control of Particulate Emissions from Soils with Toxic Air Contaminants (Adopted July 7, 2017) (Amended December 1, 2017)

US Environmental Protection Agency, Region 9, Environmental Screening Levels (RSLs), Residential Scenario, November 2018.

# FIGURES




| | |
|---|---|
| Project: 13111.001 | Geol/Eng: RJF/MH |
| Scale 1" = 2,000' | Date: Month 2020 |

Basemap: USGS Topographic Map, El Monte Quandrangle 7.5 Minute Series, 2018.

Author: mav

# SITE LOCATION MAP

Rosemead Holding LLC
2200 N. Rosemead Boulevard
South El Monte, California

Figure 1

Leighton

Map Saved as\\ds-irv\project\INFOCUS PROJECTS\13001-13500\13111 Rosemead Holding\001\Geomatics\JulyPlates

**Legend**

Approximate Site Boundary

Rosemead Blvd

2291

2117

19

19

Figure 2

SITE PLAN **PRIOR TO DEMOLITION**

Rosemead Holding LLC
2200 N Rosemead Boulevard
South El Monte, California

| Project: 13111.001 | Eng/Geol: RJB/MH |
|---|---|
| Scale: 1 " = 30 feet | Date: June 2021 |

Base Map: ESRI ArcGIS Online 2021

Author: Leighton Geomatics (btran)

Leighton

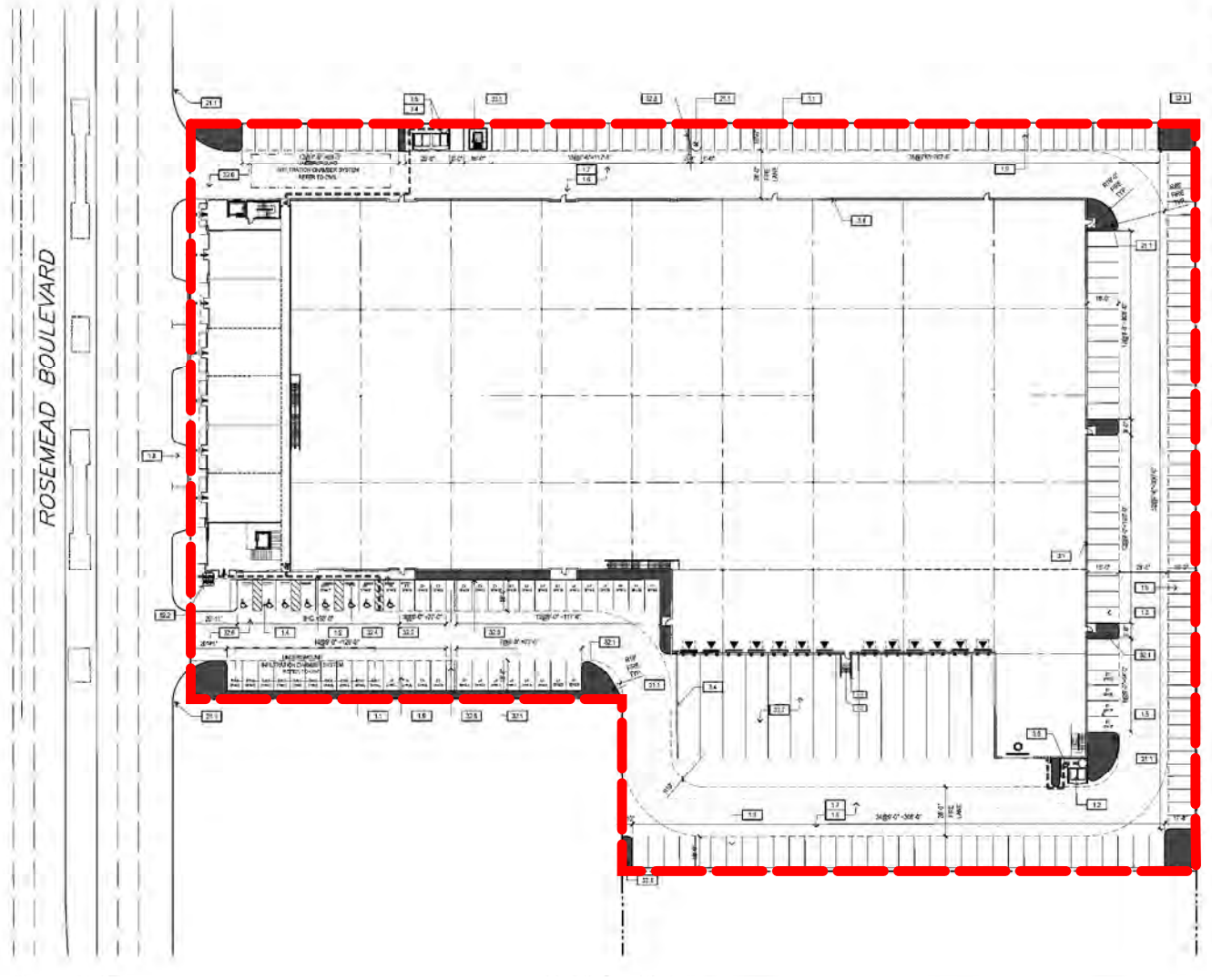
N

0 30 60

Feet

Esri, HERE, Garmin, (c) OpenStreetMap contributors, © 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution ...

Map Saved as V:\Drafting\13111\001\Maps\13111-001_P01_SP_2021-06-01.mxd on 6/1/2021 10:36:27 AM

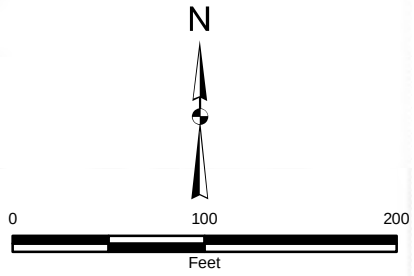



**PROJECT TABULATIONS**

| | | |
|---|---|---|
| **SITE AREA** | | |
| SF | | 223,693 |
| ACRES | | 5.14 |
| **BUILDING AREA** | | |
| Warehouse | | 112,405 |
| Retail | | 8,200 |
| Office | | 1,950 |
| **TOTAL BUILDING FOOTPRINT** | | **122,555** |
| **2ND FLOOR AND MEZZANINE** | | |
| Office | | 8,875 |
| WH Storage | | 14,445 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **23,320** |
| **3RD FLOOR** | | |
| Office | | 9,705 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **9,705** |
| **TOTAL BUILDING AREA** | | **155,580** |
| **COVERAGE** | | **55%** |
| **FAR** | | **69%** |
| **PARKING REQUIRED** | | |
| Office | 1/300 | 67 |
| Retail | 1/300 | 27 |
| Warehouse | 1/1000 | 127 |
| **TOTAL PARKING REQUIRED*** | | **223** |
| **PARKING PROVIDED** | | |
| Full Size Stalls | 9'-0" x 18'-0" | 113 |
| Compact Stalls | 7'-6" x 16'-0" | 114 |
| Parallel Stalls | 9'-0" x 24'-0" | 4 |
| **TOTAL PARKING PROVIDED** | | **228** |
| **PARKING RATIO** | | 1.47/1000 |

| **EV PARKING** | Required | Provided |
|---|---|---|
| EV 20% of Total Required Parking | 45 | 45 |
| EVCS 5% of Total Required Parking | 11 | 11 |
| **BICYCLE PARKING** | | |
| Long Term - 5% of Tenant parking | 6 | 6 |
| Short term - 5% of Visitor parking | 4 | 4 |
| DOCK DOORS | | 13 |
| GRADE DOORS | | 1 |

| **LANDSCAPE** | % | Area (S.F.) |
|---|---|---|
| Total Parking Lot Area | | 77,900 |
| Required - 5% of Parking Lot Area | 5.00% | 3,895 |
| Total Landscape Area Provided | 6.20% | 4,832 |




| | |
|---|---|
| Project: 13111.004 | Eng/Geol: RJF |
| Scale: 1 " = 100 ' | Date: October 2022 |
| Base Map: Site Plan by Architecture Design Relationships, 10/14/2022.<br><br>Author: Leighton Geomatics (mmurphy) | |

# PROPOSED PHASE 1 SCHEMATIC FOR ROSEMEAD HOLDING LLC DEVELOPMENT ROSEMEAD HOLDING SITE

2222 North Rosemead Boulevard
South El Monte, California

**FIGURE 3**

Leighton

Map Saved as V:\Drafting\13111\004\Maps\13111-004_F02_PS-PH1_2022-10-21.mxd on 10/21/2022 5:05:34 PM

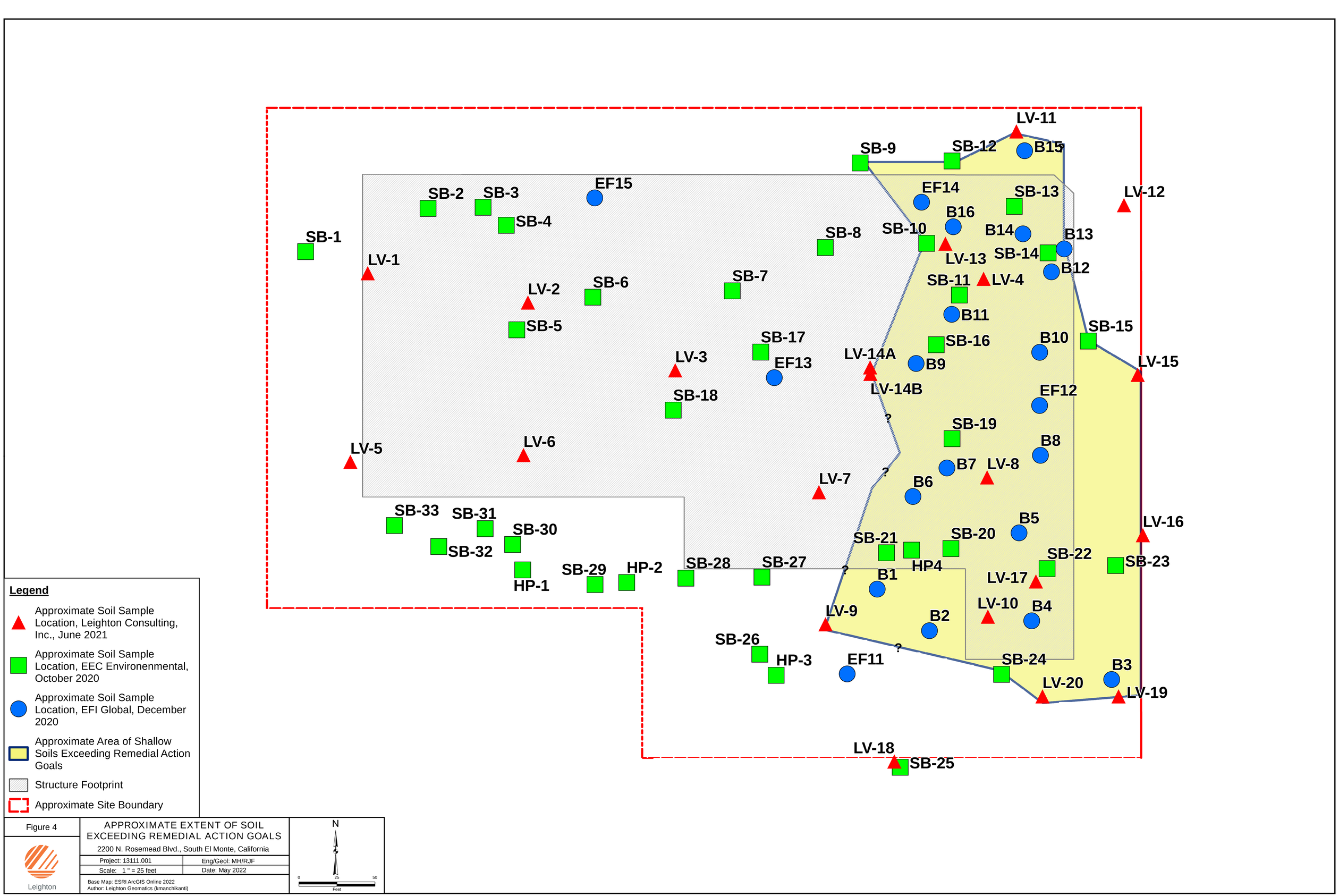



Figure 4

APPROXIMATE EXTENT OF SOIL EXCEEDING REMEDIAL ACTION GOALS

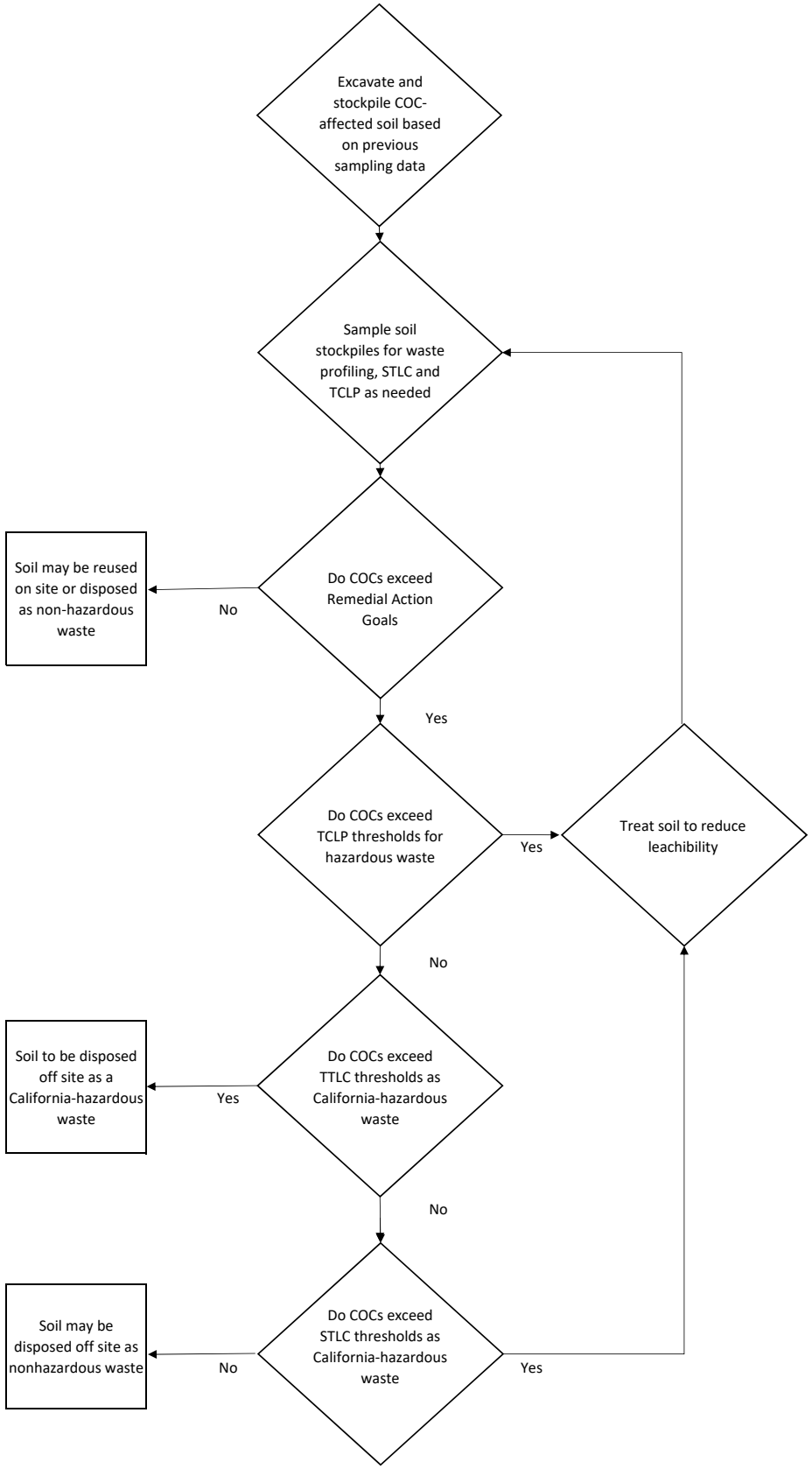
2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 25 feet | Date: May 2022 |

Base Map: ESRI ArcGIS Online 2022
Author: Leighton Geomatics (kmanchikanti)

Leighton

Map Saved as J:\Drafting\13111\001\Maps\13111-001_F04_SL_2022-05-26.mxd on 5/26/2022 12:37:50 PM




**SOIL REMEDIATION/DISPOSAL DECISION TREE**

2200 North Rosemead Blvd.
South El Monte, CA

**FIGURE 5**

Leighton

# APPENDIX A

## City Of South El Monte Planning Department

## Certificate Of Compliance For Lot Merger

## And

## Certificate Of Lot Line Adjustment And Lot Merger

This page is part of your document - DO NOT DISCARD

# 20211698188

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

11/16/21 AT 08:00AM

Pages:
0010

| | |
|---|---|
| FEES: | 44.00 |
| TAXES: | 0.00 |
| OTHER: | 0.00 |
| SB2: | 75.00 |
| PAID: | 119.00 |

LEADSHEET

202111160240029

00021516414

012890342

SEQ:
01

SECURE - 8:00AM

THIS FORM IS NOT TO BE DUPLICATED

E460070

1074662

FOR REFERENCE ONLY: 20211698188

RECORDING REQUESTED BY
FIRST AMERICAN TITLE-1074662

AND WHEN RECORDED MAIL DOCUMENT TO:

NAME CITY OF SOUTH EL MONTE / PLANNING DEPARTMENT

STREET ADDRESS
1415 N. SANTA ANITA AVENUE

CITY, STATE & ZIP CODE
SOUTH EL MONTE, CA 91733

SPACE ABOVE FOR RECORDER'S USE ONLY

# CERTIFICATE OF COMPLIANCE FOR LOT MERGER

**Title of Document**

**Pursuant to Senate Bill 2 – Building Homes and Jobs Act (GC Code Section 27388.1), effective January 1, 2018, a fee of seventy-five dollars ($75.00) shall be paid at the time of recording of every real estate instrument, paper, or notice required or permitted by law to be recorded, except those expressly exempted from payment of recording fees, per each single transaction per parcel of real property. The fee imposed by this section shall not exceed two hundred twenty-five dollars ($225.00).**

☐ **Exempt from fee per GC 27388.1 (a) (2); recorded concurrently "in connection with" a transfer subject to the imposition of documentary transfer tax (DTT).**

☐ **Exempt from fee per GC 27388.1 (a) (2); recorded concurrently "in connection with" a transfer of real property that is a residential dwelling to an owner-occupier.**

☐ **Exempt from fee per GC 27388.1 (a) (1); fee cap of $225.00 reached.**

☐ **Exempt from the fee per GC 27388.1 (a) (1); not related to real property.**

**THIS COVER SHEET ADDED TO PROVIDE ADEQUATE SPACE FOR RECORDING INFORMATION**
**($3.00 Additional Recording Fee Applies)**

Recording Requested By
And When Recorded Return To:
City of South El Monte
1415 N. Santa Anita Avenue
South El Monte, California 91733
Attn: PLANNING DEPARTMENT

# CERTIFICATE OF COMPLIANCE
## For Lot Merger

**Affecting that real property described as follows:**

Assessor's Parcel Numbers 8102-039-029 (2218 Rosemead Blvd., South El Monte, CA 91733);
8102-039-030 (2212 Rosemead Blvd., South El Monte, CA 91733);
8102-039-031 (2226 Rosemead Blvd., South El Monte, CA 91733); and
8102-039-035 (2200 Rosemead Blvd., South El Monte, CA 91733)

**Brief description of the Lot Merger:**

Merge the existing 4 parcels into a single lot.

**List of attached exhibits:**

Exhibit "A" - Legal Description prior to Lot Merger
Exhibit "B" - Legal Description after Lot Merger
Exhibit "C" - Owner's Certification
Exhibit "D" - Plat of the Property Showing the Lot Merger

**Legal Owners:**

Parcels A, B, C and D:
Name: ROSEMEAD HOLDING LLC, a California limited liability company
Address: 221 N. Orange Ave.,
City of Industry, CA 91744

**CITY CERTIFICATION**

The City of South El Monte hereby certifies that as of the date of this Certificate, the above described property is in compliance with the provisions of the Subdivision Map Act (Government Code Section 66410, et seq.) and local ordinances enacted pursuant thereto and shall certify the establishment of the lot line adjustment as referenced herein. This certificate relates only to issues of compliance or noncompliance with the Subdivision Map Act or any local ordinance enacted pursuant thereto. The parcel(s) described herein may be sold, leased or financed without further compliance with the Subdivision Map Act or any other local ordinance enacted pursuant thereto. Development of the parcel(s) may require issuance of a permit or permits, or other grant or grants of approval.

Community Development Director

10/13/21
Date

City Engineer
FOR David B. Ragland

10/8/21
Date

RCE (LS) 5173

LICENSED LAND SURVEYOR
DAVID B. RAGLAND
No. 5173
STATE OF CALIFORNIA

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT** CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Bernardino

On October 8, 2021 before me, Julie Ann Robbins, Notary Public
*Date* *Here Insert Name and Title of the Officer*

personally appeared DAVID B. RAGLAND
*Name(s) of Signer(s)*

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

JULIE ANN ROBBINS
Notary Public - California
Riverside County
Commission # 2261610
My Comm. Expires Oct 7, 2022

*Place Notary Seal and/or Stamp Above*

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Julie Ann Robbins
*Signature of Notary Public*

**OPTIONAL**

*Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

**Capacity(ies) Claimed by Signer(s)**

| | |
|---|---|
| Signer's Name: _____ | Signer's Name: _____ |
| ☐ Corporate Officer – Title(s): _____ | ☐ Corporate Officer – Title(s): _____ |
| ☐ Partner – ☐ Limited ☐ General | ☐ Partner – ☐ Limited ☐ General |
| ☐ Individual ☐ Attorney in Fact | ☐ Individual ☐ Attorney in Fact |
| ☐ Trustee ☐ Guardian of Conservator | ☐ Trustee ☐ Guardian of Conservator |
| ☐ Other: _____ | ☐ Other: _____ |
| Signer is Representing: _____ | Signer is Representing: _____ |

©2017 National Notary Association

# EXHIBIT "A"

## LEGAL DESCRIPTION PRIOR TO LOT MERGER

*PARCEL A: (APN 8102-039-029)*

THAT PORTION OF LOT 50 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY LINE OF SAID LOT WITH A LINE THAT IS PARALLEL WITH AND DISTANT EASTERLY 52 FEET MEASURED AT RIGHT ANGLES FROM THE WESTERLY LINE OF SAID LOT; THENCE ALONG SAID PARALLEL LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 160 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID PARALLEL LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 80 FEET; THENCE PARALLEL WITH SAID SOUTHERLY LINE SOUTH 89 DEGREES 58 MINUTES 00 SECONDS EAST 178 FEET; THENCE PARALLEL WITH SAID WESTERLY LINE SOUTH 0 DEGREES 02 MINUTES 00 SECONDS WEST 80 FEET; THENCE NORTH 89 DEGREES 58 MINUTES 00 SECONDS WEST 178 FEET TO THE TRUE POINT OF BEGINNING.

*PARCEL B: (APN 8102-039-030)*

THAT PORTION OF LOT 50 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY LINE OF SAID LOT WITH A LINE THAT IS PARALLEL WITH AND DISTANT EASTERLY 52 FEET, MEASURED AT RIGHT ANGLES FROM THE WESTERLY LINE OF SAID LOT; THENCE ALONG SAID PARALLEL LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 80 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID PARALLEL LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 80 FEET; THENCE PARALLEL WITH SAID SOUTHERLY LINE SOUTH 89 DEGREES 58 MINUTES 00 SECONDS EAST 178 FEET; THENCE PARALLEL WITH SAID WESTERLY LINE SOUTH 0 DEGREES 02 MINUTES 00 SECONDS WEST 80 FEET; THENCE NORTH 89 DEGREES 58 MINUTES 00 SECONDS WEST 178 FEET TO THE TRUE POINT OF BEGINNING.

*PARCEL C: (APN 8102-039-031)*

THAT PORTION OF LOT 50, TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, PER MAP RECORDED IN BOOK 15, PAGE 182 ET SEQ. OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE WESTERLY LINE OF SAID LOT 50 DISTANT NORTH 0°02'00" EAST 240.0 FEET FROM THE SOUTHWEST CORNER OF SAID LOT; THENCE PARALLEL WITH THE SOUTHERLY LINE OF SAID LOT, SOUTH 89°58' EAST 52.00 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING SOUTH 89°58' EAST, PARALLEL WITH THE SOUTHERLY LINE OF SAID LOT, 178.00 FEET TO A POINT; THENCE PARALLEL WITH THE WESTERLY LINE OF SAID LOT SOUTH 0°02'00" WEST 51.5 FEET TO A POINT; THENCE PARALLEL WITH THE SOUTHERLY LINE OF SAID LOT SOUTH 89°58'00" EAST 400.00 FEET TO A POINT IN THE EASTERLY LINE OF SAID LOT; THENCE ALONG THE EASTERLY LINE OF SAID LOT NORTH 0°02'00" EAST 141.5 FEET TO THE SOUTHERLY LINE OF THE NORTHERLY 330.00 FEET OF SAID LOT; THENCE ALONG SAID LAST MENTIONED SOUTHERLY LINE NORTH 89°58'00" WEST 578 FEET TO THE EASTERLY LINE OF THE WESTERLY 52 FEET OF SAID LOT; THENCE SOUTH 0°02' WEST ALONG SAID EASTERLY LINE 90.00 FEET TO THE TRUE POINT OF BEGINNING.

# EXHIBIT "A"

## LEGAL DESCRIPTION PRIOR TO LOT MERGER

*PARCEL D: (APN 8102-039-035)*

THAT PORTION OF LOT 50 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGES 182 ET SEQ., OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY LINE OF SAID LOT 50, WITH A LINE THAT IS PARALLEL WITH AND DISTANT 52.00 FEET EASTERLY, MEASURED AT RIGHT ANGLES, FROM THE WESTERLY LINE OF SAID LOT; THENCE ALONG SAID PARALLEL LINE, NORTH 0°02'00" EAST 80.00 FEET; THENCE PARALLEL WITH THE SOUTHERLY LINE OF SAID LOT, SOUTH 89°58'00" EAST 178.00 FEET TO A POINT ON THE LINE THAT IS PARALLEL WITH THE WESTERLY LINE OF SAID LOT AND PASSES THROUGH THE MOST SOUTHERLY SOUTHWEST CORNER OF THE LAND CONVEYED TO MASSA & SICKNER, A PARTNERSHIP, BY DEED RECORDED ON MAY 13, 1954, AS INSTRUMENT NO. 358, IN BOOK 44566 PAGE 6, OFFICIAL RECORDS, OF SAID COUNTY; THENCE ALONG SAID LAST MENTIONED PARALLEL LINE, NORTH 0°02'00" EAST 108.50 FEET TO SAID MOST SOUTHERLY SOUTHWEST CORNER; THENCE ALONG THE SOUTHERLY LINE OF THE LAND CONVEYED IN SAID DEED, SOUTH 89°58'00" EAST 400.00 FEET TO THE EASTERLY LINE OF SAID LOT; THENCE ALONG SAID LAST MENTIONED EASTERLY LINE, SOUTH 0°02'00" WEST 188.50 FEET TO THE SOUTHEAST CORNER OF SAID LOT; THENCE ALONG THE SOUTHERLY LINE OF SAID LOT, NORTH 89°58'00" WEST 578.00 FEET TO THE POINT OF BEGINNING.

# EXHIBIT "B"

## LEGAL DESCRIPTION AFTER LOT MERGER

*PARCEL 1:*

LOT 50 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15, PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPTING THEREFROM THE WESTERLY 52 FEET OF SAID LOT.

ALSO EXCEPTING THEREFROM THE NORTHERLY 330 FEET OF SAID LOT.

CONTAINING A TOTAL AREA OF 4.379 ACRES, MORE OR LESS.

SUBJECT TO EASEMENTS, COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, RIGHTS-OF-WAY AND MATTERS OF RECORD, IF ANY.

ALSO SHOWN IN EXHIBIT "D", ATTACHED HEREWITH AND MADE A PART HEREOF.

9/23/21
DATE

MICHAEL FURLONG, PLS 8899
LICENSE EXPIRES 12/31/2021

PROFESSIONAL LAND SURVEYOR
MICHAEL FURLONG
No. 8899
EXP. 12-31-2021
STATE OF CALIFORNIA

# EXHIBIT "C"

## OWNERS CERTIFICATE FOR LOT MERGER

We hereby certify that we are all and the only owners of the property as described in EXHIBIT "A" and "B" and shown on EXHIBIT "D" all attached hereto, and we hereby consent to the preparation and recordation of a Certificate of Compliance to adjust the lot lines as shown on these exhibits.

Name of Owner Rosemead Holding LLC, a California Limited Liability Company

By. Wayne Wang
(Print Name) President

By: _____
(Signature)

Name of Owner

By: _____
(Print Name)

By: _____
(Signature)

## NOTARY ACKNOWLEDGEMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Los Angeles )

On September 27, 2021 before me, Catherine Wynn, Notary Public
(insert name and title of the officer)

Personally appeared Wayne Wang, who proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her~~/their authorized capacity~~(ies)~~, and that by his/~~her~~/their signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

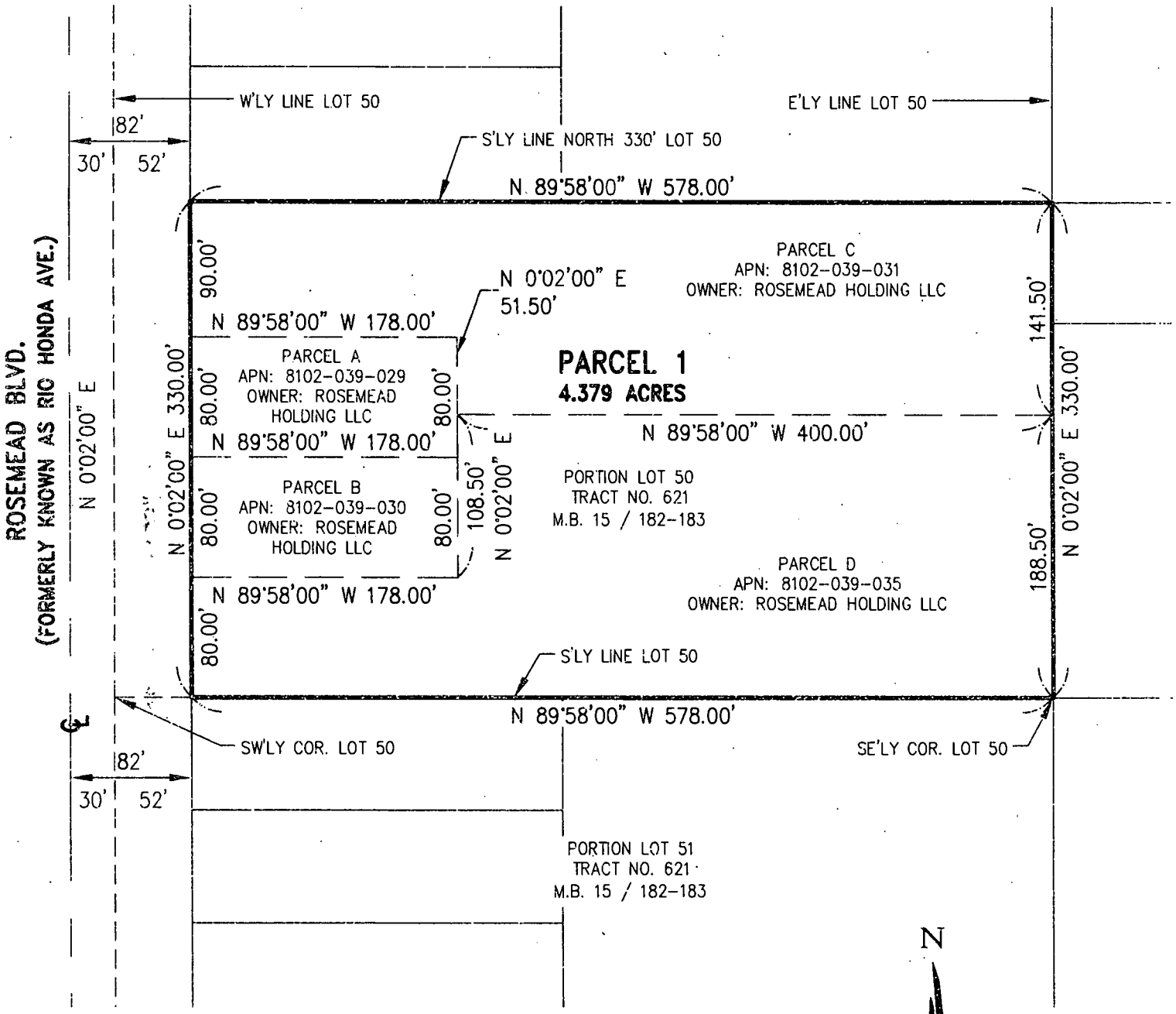
WITNESS my hand and official seal.

Signature _____ (Seal)

CATHERINE WYNN
Notary Public - California
Los Angeles County
Commission # 2354329
My Comm. Expires Apr 19, 2025

# EXHIBIT "D"

## PLAT OF PROPERTY SHOWING THE LOT MERGER




PROFESSIONAL LAND SURVEYOR
MICHAEL FURLONG
No. 8899
EXP. 12-31-2021
STATE OF CALIFORNIA

9/23/21

**LEGEND:**

LOT MERGER BOUNDARY

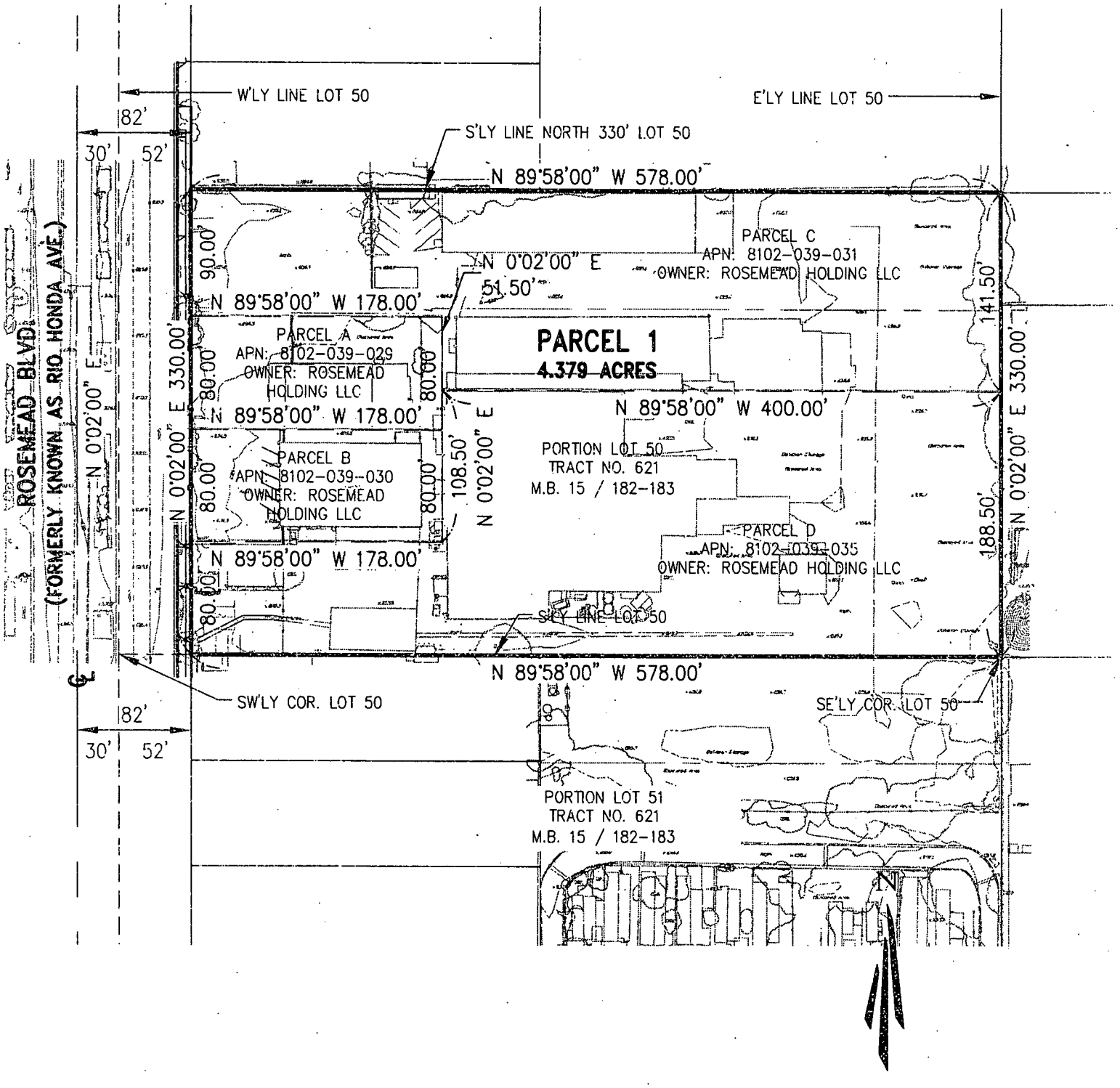
EXISTING LOT LINE TO BE ADJUSTED

SHEET 1 OF 1


TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL. (714) 560-8200

# EXHIBIT "D"

## PLAT OF PROPERTY SHOWING THE LOT MERGER




1 inch = 100 ft.

**LEGEND:**

LOT MERGER BOUNDARY

EXISTING LOT LINE TO BE ADJUSTED

SHEET 1 OF 1


TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL.. (714) 560-8200

This page is part of your document - DO NOT DISCARD

# 20220311779

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

03/18/22 AT 08:00AM

Pages:
0010

| | |
|---|---|
| FEES: | 44.00 |
| TAXES: | 0.00 |
| OTHER: | 0.00 |
| PAID: | 44.00 |

LEADSHEET

202203180150002

00022099305

013252027

SEQ:
01

SECURE - 8:00AM

THIS FORM IS NOT TO BE DUPLICATED

E548170

1074662

FOR REFERENCE ONLY: 20220311779

RECORDING REQUESTED BY
FIRST AMERICAN TITLE-SUBDIVISION DEPT.

AND WHEN RECORDED MAIL DOCUMENT TO:

NAME CITY OF SOUTH EL MONTE

STREET ADDRESS
1415 N. SANTA ANITA AVENUE

CITY, STATE & ZIP CODE
SOUTH EL MONTE, CA 91733

SPACE ABOVE FOR RECORDER'S USE ONLY

# CERTIFICATE OF COMPLIANCE FOR LOT LINE ADJUSTMENT

**Title of Document**

**Pursuant to Senate Bill 2 – Building Homes and Jobs Act (GC Code Section 27388.1), effective January 1, 2018, a fee of seventy-five dollars ($75.00) shall be paid at the time of recording of every real estate instrument, paper, or notice required or permitted by law to be recorded, except those expressly exempted from payment of recording fees, per each single transaction per parcel of real property. The fee imposed by this section shall not exceed two hundred twenty-five dollars ($225.00).**

☐ **Exempt from fee per GC 27388.1 (a) (2); recorded concurrently "in connection with" a transfer subject to the imposition of documentary transfer tax (DTT).**

☐ **Exempt from fee per GC 27388.1 (a) (2); recorded concurrently "in connection with" a transfer of real property that is a residential dwelling to an owner-occupier.**

☐ **Exempt from fee per GC 27388.1 (a) (1); fee cap of $225.00 reached.**

☐ **Exempt from the fee per GC 27388.1 (a) (1); not related to real property.**

**THIS COVER SHEET ADDED TO PROVIDE ADEQUATE SPACE FOR RECORDING INFORMATION**
**($3.00 Additional Recording Fee Applies)**

Recording Requested By
And When Recorded Return To:
City of South El Monte
1415 N. Santa Anita Avenue
South El Monte, California 91733
Attn: PLANNING DEPARTMENT

1074662

# CERTIFICATE OF COMPLIANCE
## For Lot Line Adjustment

**Affecting that real property described as follows:**

Assessor's Parcel Numbers 8102-040-011 (9427, 9431 and 9447 Rush St., South El Monte, CA 91733);
8102-039-029 (2218 Rosemead Blvd., South El Monte, CA 91733);
8102-039-030 (2212 Rosemead Blvd., South El Monte, CA 91733);
8102-039-031 (2226 Rosemead Blvd., South El Monte, CA 91733); and
8102-039-035 (2200 Rosemead Blvd., South El Monte, CA 91733)

**Brief description of the Lot Line Adjustment:**

Adjust the common lot line between the above referenced parcels.

**List of attached exhibits:**

Exhibit "A" - Legal Description prior to Lot Line Adjustment
Exhibit "B" - Legal Description after Lot Line Adjustment
Exhibit "C" - Owner's Certification
Exhibit "D" - Plat of the Property Showing the Lot Line Adjustment

**Legal Owners:**

Parcel A:
Name: ROSEMEAD HOLDING LLC, a California limited liability company
Address: 221 N. Orange Ave.,
City of Industry, CA 91744

Parcel B:
Name: ROSEMEAD HOLDING LLC, a California limited liability company
Address: 221 N. Orange Ave.,
City of Industry, CA 91744

The City Engineer hereby states the Lot Line Adjustment complies with the applicable provisions of the Subdivision Map Act and the City Municipal Code. This certificate relates only to issues of compliance or noncompliance with the Subdivision Map Act and local ordinance enacted pursuant thereto. The parcels described herein may be sold, leased or financed without further compliance with the Subdivision Map Act or any other local ordinance enacted pursuant thereto. Development of the parcel(s) may require issuance of a permit or permits, or other grant or grants of approval.

City of South El Monte

FOR City Engineer

David B. Ragland

RCE/LS 5173

1/8/22
Date

Gavin Robertson
SEE ATTACHED CALIFORNIA CERTIFICATE

01/08/2022

LICENSED LAND SURVEYOR
DAVID B. RAGLAND
No. 5173
STATE OF CALIFORNIA

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT** **CIVIL CODE SECTION 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of SAN DIEGO

On JANUARY 8, 2022 before me, Gavin Robertson, NOTARY PUBLIC

personally appeared DAVID B. RAGLAND

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

GAVIN ROBERTSON
COMM. #2341312
NOTARY PUBLIC • CALIFORNIA
SAN DIEGO COUNTY
Commission Expires Jan 12, 2025

I certify under PENALTY OF PERJURY under the Laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
Signature of Notary Public

Place Notary Seal and/or Stamp Above

**OPTIONAL**

Description of Attached Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) other than named above: _____

# EXHIBIT "A"

## LEGAL DESCRIPTION PRIOR TO LOT LINE ADJUSTMENT

*PARCEL A: (APN 8102-040-011)*

THAT PORTION OF LOT 51 IN TRACT 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGE 182 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, WHICH LIES EASTERLY OF A LINE THAT IS PARALLEL WITH AND DISTANT 300 FEET EASTERLY AT RIGHT ANGLES FROM THE WESTERLY LINE OF SAID LOT.

EXCEPT THE EASTERLY 70 FEET OF THE SOUTHERLY 200 FEET OF SAID LAND.

*PARCEL B: (APN: 8102-039-029, -030, -031 & -035)*

PARCEL 1 OF THAT CERTAIN CERTIFICATE OF LOT MERGER, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, RECORDED NOVEMBER 16, 2021, AS INSTRUMENT NO. 20211698188, RECORDS OF THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

# EXHIBIT "B"

## LEGAL DESCRIPTION AFTER LOT LINE ADJUSTMENT

*PARCEL 1:*

THAT PORTION OF LOT 51 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, WHICH LIES EASTERLY OF A LINE THAT IS PARALLEL WITH AND DISTANT 300 FEET EASTERLY, MEASURED AT RIGHT ANGLES, FROM THE WESTERLY LINE OF SAID LOT.

EXCEPTING THEREFROM THE EASTERLY 70 FEET OF THE SOUTHERLY 200 FEET OF SAID LAND.

ALSO EXCEPTING THEREFROM THE NORTHERLY 100 FEET OF SAID LAND.

CONTAINING A GROSS AREA OF 3.694 ACRES AND A NET AREA 3.634 ACRES, MORE OR LESS.

*PARCEL 2:*

ALL OF PARCEL 1 OF THAT CERTAIN CERTIFICATE OF LOT MERGER, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, RECORDED NOVEMBER 16, 2021, AS INSTRUMENT NO. 20211698188, TOGETHER WITH THE NORTHERLY 100 FEET OF LOT 51 OF TRACT NO. 621, OF SAID CITY AND COUNTY, AS PER MAP RECORDED IN BOOK 15 PAGES 182 AND 183 OF MAPS, BOTH RECORDS OF THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPTING THEREFROM THE WESTERLY 300 FEET OF SAID LOT 51.

CONTAINING A TOTAL AREA OF 5.136 ACRES, MORE OR LESS.

SUBJECT TO EASEMENTS, COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, RIGHTS-OF-WAY AND MATTERS OF RECORD, IF ANY.

ALSO SHOWN IN EXHIBIT "D", ATTACHED HEREWITH AND MADE A PART HEREOF.

12/16/21
DATE

MICHAEL FURLONG, PLS 8899
LICENSE EXPIRES 12/31/2021

# EXHIBIT "C"

## OWNERS CERTIFICATE FOR LOT LINE ADJUSTMENT

We hereby certify that we are all and the only owners of the property as described in EXHIBIT "A" and "B" and shown on EXHIBIT "D" all attached hereto, and we hereby consent to the preparation and recordation of a Certificate of Compliance to adjust the lot lines as shown on these exhibits.

Name of Owner

By: Wayne Wang
(Print Name)

By: _____
(Signature)

Name of Owner

By: _____
(Print Name)

By: _____
(Signature)

## NOTARY ACKNOWLEDGEMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Orange )

On December 22, 2021 before me, Sarah Lynne Norton, Notary Public,
(insert name and title of the officer)

Personally appeared Wayne Wang, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

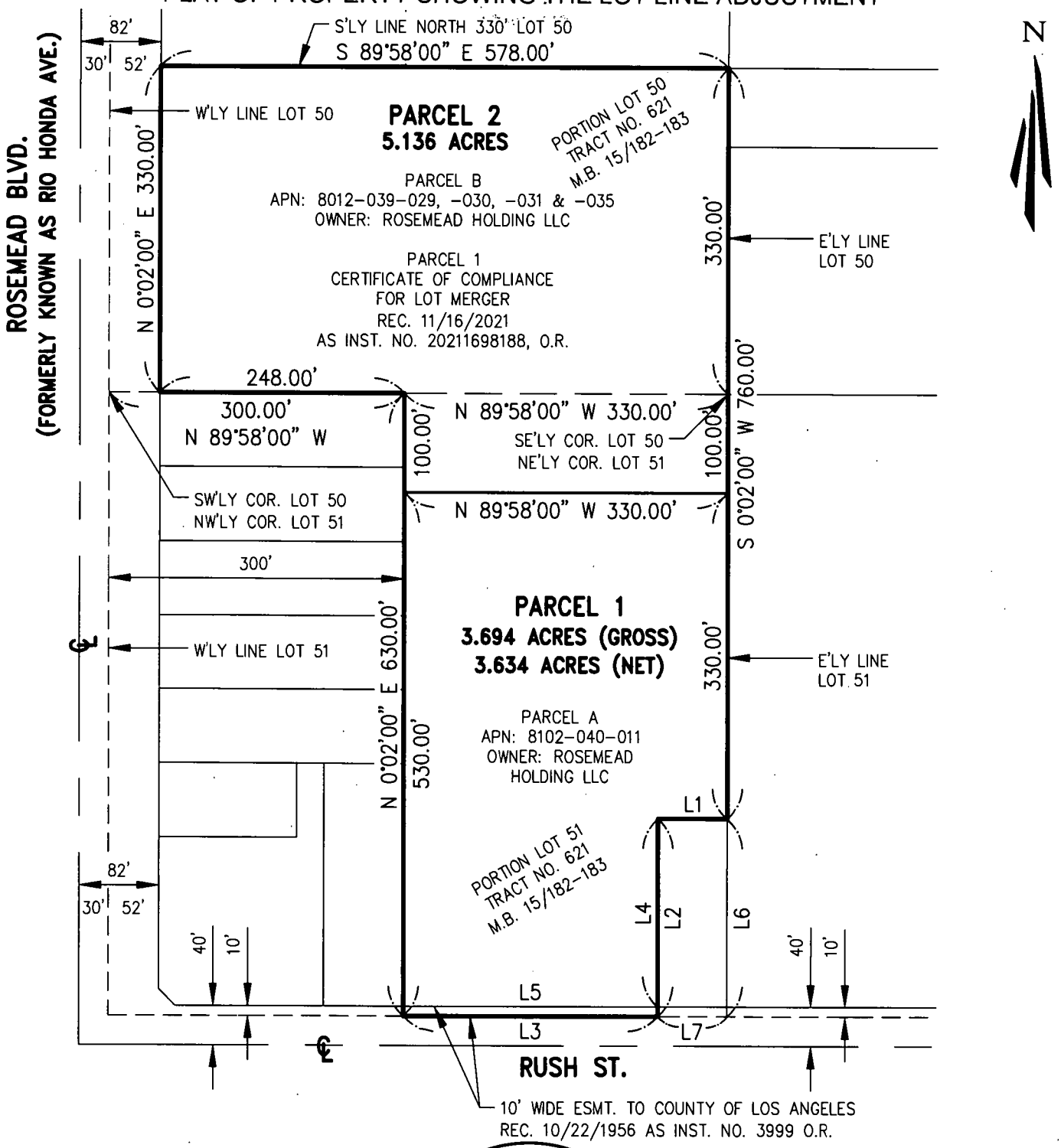
WITNESS my hand and official seal.

Signature Sarah Lynne Norton (Seal)

SARAH LYNNE NORTON
Notary Public - California
Orange County
Commission # 2372572
My Comm. Expires Aug 28, 2025

# EXHIBIT "D"

## PLAT OF PROPERTY SHOWING THE LOT LINE ADJUSTMENT




12/16/21

PROFESSIONAL LAND SURVEYOR
MICHAEL FURLONG
No. 8899
EXP. 12-31-2021
STATE OF CALIFORNIA

0 150' 300'

1 inch = 150ft.

**LEGEND:**

- LOT LINE ADJUSTMENT BOUNDARY
- PROPOSED BOUNDARY LINE
- EXISTING LOT LINE TO BE ADJUSTED

SHEET 1 OF 2


TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL. (714) 560-8200

# EXHIBIT "D"

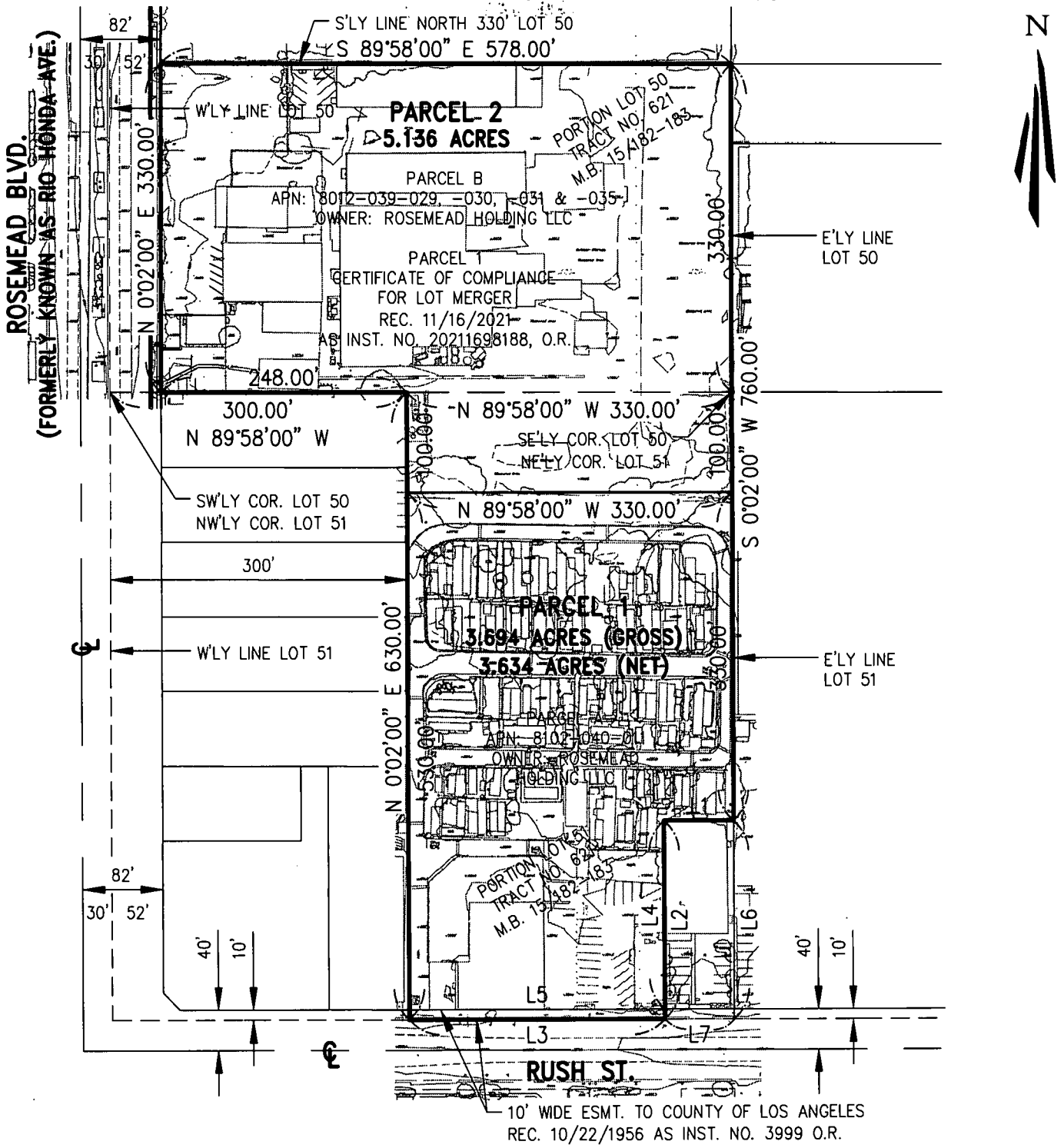
PLAT OF PROPERTY SHOWING THE LOT LINE ADJUSTMENT

| LINE TABLE | | |
|---|---|---|
| NUMBER | BEARING | LENGTH |
| L1 | N89° 58' 00"W | 70.00' |
| L2 | N0° 02' 00"E | 200.00' |
| L3 | N89° 58' 00"W | 260.00' |
| L4 | N0° 02' 00"E | 190.00' |
| L5 | N89° 58' 00"W | 260.00' |
| L6 | N0° 02' 00"E | 200.00' |
| L7 | N89° 58' 00"W | 70.00' |

TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL. (714) 560-8200

# EXHIBIT "D"

## PLAT OF PROPERTY SHOWING THE LOT LINE ADJUSTMENT




**LEGEND:**

- LOT LINE ADJUSTMENT BOUNDARY
- PROPOSED BOUNDARY LINE
- EXISTING LOT LINE TO BE ADJUSTED

SHEET 1 OF 1


TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL. (714) 560-8200

# APPENDIX B

## Preliminary Endangerment Assessment

ENVIRO-TOX
services, inc.

# PRELIMINARY ENDANGERMENT ASSESSMENT
# ROSEMEAD HOLDING, LLC PROPERTY
# 2200 NORTH ROSEMEAD BOULEVARD
# SOUTH EL MONTE, CALIFORNIA

*Prepared for*

*Leighton Consulting, Inc.*
17781 Cowan
Irvine, California 92614

November 18, 2022

*Enviro-Tox Services, Inc.*
20 Corporate Park, Suite 220
Irvine, California 92606

# Disclaimer

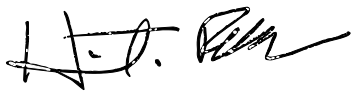
This Preliminary Endangerment Assessment (PEA) report was prepared by Enviro-Tox Services, Inc. (Enviro-Tox) for the use of Rosemead Holding, LLC and Leighton Consulting, Inc. (Leighton). The PEA is based on soil data provided by Leighton for the Rosemead Holding, LLC site located in South El Monte, California.

This PEA report was prepared based partially on information supplied by Leighton, which is in the public domain, and partially from information and data generated by consultants during investigations conducted in 2020 and 2021 of the South El Monte site. Documentation for the statements made in this PEA report is on file at either Leighton or Enviro-Tox offices. Enviro-Tox makes no warranty as to the accuracy of statements made by others which are contained in this PEA report, nor are any other warranties or guarantees, express or implied, included or intended in this PEA report with respect to information supplied by outside sources or conclusions or recommendations substantially based on information supplied by outside sources. This PEA report has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for this PEA report are subject to professional interpretation, differing conclusions could be reached. Enviro-Tox does not assume responsibility for the discovery and/or elimination of hazards, which could possibly cause accidents, injuries, or damage unless those hazards were apparent, and should have been discovered, as a result of the services Enviro-Tox performed for Leighton. This PEA report represents the professional judgment of Enviro-Tox; however, compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of Leighton or Rosemead Holding, LLC's obligations under local, state, or federal laws, or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

# Acknowledgement and Signature Page

This Preliminary Endangerment Assessment (PEA) report was prepared by Enviro-Tox Services Inc. This Report is intended for use by Leighton Consulting, Inc. and Rosemead Holding, LLC for the evaluation of soil quality conditions at the industrial site located at 2200 North Rosemead Boulevard in South El Monte, California. The professional services provided have been performed in accordance with practices generally accepted by other scientists and engineers practicing under similar conditions in California. No other warranty, either expressed or implied, is made. As with all environmental projects, there is no guarantee that the implemented scope of work will necessarily identify all and any of the potential health risks and hazards posed by chemicals detected within the Rosemead Holding, LLC site.



| | |
|---|---|
| Signature | Principal Toxicologist<br>Title |
| Heriberto Robles, M.S., Ph.D., D.A.B.T.<br>Enviro-Tox Services, Inc. | November 18, 2022<br>Date |

# TABLE OF CONTENTS

SECTION PAGE

EXECUTIVE SUMMARY ..... VI

1.0 INTRODUCTION ..... 1-1
- 1.1 Project Background and Objectives ..... 1-1
- 1.2 Scope ..... 1-1

2.0 SITE CHARACTERIZATION ..... 2-1
- 2.1 Environmental Assessment Summary ..... 2-1
- 2.2 Geology and Hydrogeology ..... 2-2

3.0 SELECTION OF CHEMICALS OF POTENTIAL CONCERN ..... 3-1
- 3.1 Organic Compounds ..... 3-1
- 3.2 Metals ..... 3-1
- 3.3 Total Petroleum Hydrocarbons (TPH) ..... 3-3

4.0 EXPOSURE ASSESSMENT ..... 4-1
- 4.1 Conceptual Site Model ..... 4-1
  - 4.1.1 Identification of Potential Receptors ..... 4-2
  - 4.1.2 Identification of Exposure Media and Pathways ..... 4-3
- 4.2 Exposure Point Concentrations ..... 4-3
  - 4.2.1 Fate and Transport Modeling ..... 4-4
- 4.3 Dose Estimation ..... 4-5

5.0 TOXICITY VALUES ..... 5-1
- 5.1 Slope Factors ..... 5-2
- 5.2 Reference Doses ..... 5-2

6.0 RISK CHARACTERIZATION ..... 6-1
- 6.1 Non-Carcinogenic Risk Characterization ..... 6-1
- 6.2 Incremental Cancer Risks ..... 6-4

7.0 RISK-BASED CLEANUP LEVEL DEVELOPMENT ..... 7-1
- 7.1 Development of Risk-Based Cleanup Levels ..... 7-2

8.0 UNCERTAINTY ANALYSIS ..... 8-1

9.0 REFERENCES ..... 9-1

*LIST OF FIGURES*

Figure 1 Site Location Map (Provided by Leighton Consulting, Inc.)

Figure 2 Proposed Site Development Plan (Provided by Leighton Consulting, Inc.)

Figure 3 Conceptual Site Model for Chemicals in Soil

*LIST OF TABLES*

ES-1 Estimated Cancer Risks and Health Hazards for Onsite Receptors

Table 1 Soil Analytical Test Results – Metals

Table 2 Soil Analytical Test Results – Polychlorinated Biphenyls

Table 3 Soil Analytical Test Results – Total Petroleum Hydrocarbons

Table 4 Soil Analytical Test Results – Volatile Organic Compounds

Table 5 Comparison of Metals in Soil to Background and Soil Screening Levels

Table 6 Statistical Parameters for Metals Selected as Chemicals of Potential Concern

Table 7 Statistical Parameters for PCBs Selected as Chemicals of Potential Concern

Table 8 Statistical Parameters for TPH Fractions Selected as Chemicals of Potential Concern

Table 9 Volatilization Emission Factor Calculation

Table 10 Exposure Parameters for Onsite Receptors

Table 11 Toxicity Criteria for Chemicals of Potential Concern

Table 12 Estimated Cumulative Risks and Hazards that Could Result from Exposure to Soil and Dust, Construction Worker and Non-Intrusive Worker Exposure Scenario

Table 13 Risk-Based Concentrations for Soil

## *LIST OF APPENDICES*

Appendix A: Leighton Consulting, Inc. Soil Data Tables

Appendix B: ProUCL Printouts

Appendix C: Cancer Risk and Health Hazard Calculations

# EXECUTIVE SUMMARY

At the request of Leighton Consulting, Inc. (Leighton), Enviro-Tox Services, Inc. (Enviro-Tox) conducted a Preliminary Endangerment Assessment (PEA) for the Rosemead Holding, LLC industrial site located at 2200 North Rosemead Boulevard in South El Monte, California. The objectives of the PEA are to (1) evaluate potential risks to human health from site-related chemicals detected in soil at the site; and (2) develop Risk-Based Cleanup Levels (RBCLs) for anthropogenic (human-made) chemicals detected in soil at the site.

The site comprises approximately 5.1 acres of industrial land that was formerly developed with five structures, all of which have been demolished as of February 2022. The building slabs and pavement currently remain in place with limited areas of exposed soil and vegetation in the southern portion of the site. The easternmost portion of the site was previously occupied by a business that cleaned, refurbished and, in some cases, repainted 55-gallon drums and refurbished plastic tote containers for the food industry. The westernmost buildings at the site were previously used for automotive repair and tire services.

Site assessment activities undertaken in the past two years indicated the presence of chemicals of potential concern (COPCs) including some metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons, and volatile organic compounds (VOCs), in soil, groundwater, and/or soil gas at the site. The Los Angeles Regional Water Quality Control Board (LARWQCB) had issued a No Further Requirements (NFR) letter in March 1998 related to groundwater at the site. Additional soil and soil gas investigations were subsequently conducted in 2020 and 2021, to evaluate site conditions in advance of planned demolition and industrial redevelopment.

In April 2022, EEC Environmental installed a soil vapor extraction (SVE) system on the southern portion of the site with six dual-nested SVE wells and a SVE remediation system designed to remediate VOCs in soil gas. Because SVE has been implemented but is not yet complete, this PEA does not include or evaluate soil gas data as the available soil gas data may not be representative of current or future site conditions due to the ongoing remediation activities. Health risks associated with soil gas may be evaluated and analyzed in a future risk evaluation for the site.

Consistent with previous investigations that resulted in the NFR determination, environmental assessments indicated the presence of metals, petroleum hydrocarbons, and PCBs in shallow soil. The impacted soil was generally limited to the upper 1 to 5 feet below grade and to the eastern third of the site.

All chemicals detected at least once in soil were included in this PEA as chemicals of potential concern (COPCs). Assuming the site will continue to be used as an industrial facility, the only potential receptors at the site were assumed to be onsite workers. For the purposes of this assessment, the potential receptors evaluated are:

- *Onsite Nonintrusive Maintenance Workers*. It was assumed that onsite workers might come in contact with chemical-impacted surface soil and dust while at work. However, these workers were not assumed to conduct earth-moving activities and/or dig trenches. Hence these workers are referred to as nonintrusive workers. Onsite workers include:

    - *Full-time workers.* Full time workers including administrative and operations staff that work at an onsite commercial/industrial facility. These employees work 40-hour weeks and about 250 days per year.

    - *Part-time workers.* Part-time workers may include specialized maintenance and operations personnel. Part-time workers may be present at the site in response to sporadic labor and specialized personnel needs. These workers operate from temporary onsite offices and are not limited to 40-hour weeks. Employment duration for temporary workers is usually less than one year onsite.

    - *Visitors.* Visitors are likely to be at the site for no more than a few hours per week.

- *Onsite Construction Workers.* These workers are defined here as future construction workers and utility-line workers whom might be engaged in short-term intrusive activities. These workers might come in contact with chemical-impacted soil or dust while at the Subject Property.

In accordance with established risk assessment guidance, cancer risks were estimated by multiplying chemical-specific cancer slope factors by lifetime chemical intake estimates. Non-cancer health hazards were estimated by dividing average daily chemical intakes by chemical-specific reference doses. Together, cancer risk estimates and non-cancer health hazard estimates characterize health risks associated with potential exposures to the potential receptors evaluated in this PEA.

The estimated cancer risks and the total hazard indices that could result from worker exposures to onsite soil under current conditions are summarized in Table ES-1.

Table ES-1. Estimated Cancer Risks and Health Hazards for Onsite Receptors

| | Incremental Cancer Risk (unitless) | Hazard Index (unitless) |
|---|---|---|
| Onsite Nonintrusive Workers Exposed to Soil and Dust | 2E-05 | 0.6 |
| Onsite Construction Worker Exposed to Soil and Dust | 1E-05 | 2 |

The "risk driver" identified was hexavalent chromium (Cr VI) detected in soil sample LV-10-1. All other samples analyzed for Cr VI had either non-detected concentrations or their detected concentrations were below levels considered to pose a health risk.

Due to the unique toxicological properties of arsenic and lead, the California Department of Toxic Substances Control (DTSC) recommends the use of screening levels developed specifically for each metal. In addition, for sites that have been well characterized, the DTSC allows for the use of the 95 percent upper confidence limit concentration (95UCL) as the representative soil chemical concentration.

For arsenic, the DTSC recommends the use of local background soil arsenic concentrations as the screening level. The local background arsenic concentration at the site was estimated to be 10.63 milligrams per kilogram (mg/kg). Therefore, the screening level used in this PEA for arsenic is the local background concentration of 10.63 mg/kg. The 95UCL soil arsenic concentration at the site was estimated to be 4.88 mg/kg. This value is lower than the local background concentration of 10.63 mg/kg. Since the soil arsenic 95UCL is below the soil background concentration, arsenic detected at the site is considered to be within background levels and deemed to pose no health risk to onsite workers.

For lead, the DTSC recently published a commercial/industrial soil screening level of 500 mg/kg for lead. The DTSC considers average soil lead concentrations lower than 500 mg/kg to pose no health threat to onsite workers. The 95UCL soil lead concentration for the site was estimated to be 1,443 mg/kg. Therefore, lead in soil at the site is considered to pose a potential health hazard to exposed workers.

In anticipation of site redevelopment, RBCLs for the protection of onsite receptors were developed for all COPCs identified for the site. Estimated soil exposure risks and hazards can be mitigated (if not eliminated) from the site by implementing soil Risk Management controls. Some of the soil Risk Management controls that can be considered for the site are:

- Onsite soil management including the necessary Best Management Practices (BMPs) and institutional controls.
- Containment, fixation, capping, encapsulation or stabilization of Cr VI and lead in soil.
- The excavation and removal of Cr VI- and lead-impacted soils. If excavation were to be considered for Cr VI, the goal of soil remediation should be to excavate and remove soil sample LV-10-1. Confirmation samples collected at and around the excavated sample should be at or below the RBCLs developed in this PEA for Cr VI. For lead, soil excavation and removal should reduce the soil lead 95UCL to less than the DTSC's soil lead screening level of 500 mg/kg.

All conclusions and recommendations presented in this report are based on reported chemical concentrations in soil and the current land use of the site without considering the operation of the SVE system. In this PEA, all fate-and-transport models, parameters, toxicity data and assumptions were used in accordance with federal and state regulatory guidelines. These guidelines are meant to protect the public and tend to overestimate potential health risks. As

such, this PEA provides a conservative estimate of the upper boundary of potential health risks, rather than an accurate representation of true health risks posed by the site.

# 1.0 INTRODUCTION

At the request of Leighton Consulting, Inc. (Leighton), Enviro-Tox Services, Inc. (Enviro-Tox) conducted a Preliminary Endangerment Assessment (PEA) for the Rosemead Holding, LLC property located at 2200 Rosemead Boulevard in South El Monte, California (the site; Figure 1). The major objectives of the risk assessment are to (1) evaluate potential risks to human health from site-related chemicals detected in soil; and (2) develop Risk-Based Cleanup Levels (RBCLs) for anthropogenic (human-made) chemicals detected in soil at the site.

## 1.1 PROJECT BACKGROUND AND OBJECTIVES

Environmental investigations conducted at the site have detected metals, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs) and petroleum hydrocarbons in soil. The location and the lateral extent of impacted soil has been investigated. For the purposes of this risk assessment, all soil data collected at the site have been combined and evaluated as a single area of potential concern. This approach to evaluating potential health risks resulting from simultaneous exposures to all chemicals detected is considered to be health-protective and conservative because this approach assumes that:

1. Current and future receptors at the site would be exposed simultaneously to all man-made chemicals identified at the site;

2. Current and future receptors at the site would be exposed to chemicals at concentrations that are either the maximum detected concentration or concentrations that represent the upper bound concentrations of all detections at the site;

3. Future potential receptors at the site would have extensive contact with chemicals identified at the site through incidental ingestion of soil and dust inhalation; and,

4. Potential receptors would engage in behavior that results in higher-than-normal exposures to site-related chemicals, that is, exposures are assumed to occur under a "Reasonable Maximum Exposure" scenario.

These assumptions significantly overstate likely exposures, but by using this approach to the risk assessment, risk-based cleanup levels were purposefully derived to be conservatively protective of onsite receptors.

## 1.2 SCOPE

The scope of the PEA presented in this report is limited to evaluation of potential health risks and hazards associated with chemicals detected in soil within the site boundaries. Proposed soil

cleanup standards were developed with the overall aim of protecting human health and the environment.

Exposure pathways evaluated in this PEA include (1) incidental ingestion of soil, (2) dermal contact with soil and dust, and (3) inhalation of soil particles suspended in air. Potential health risks associated with exposures outside the site were not evaluated in this risk assessment because no potential offsite exposure pathway was found to be complete.

The human health risk assessment followed guidance developed by United States Environmental Protection Agency (USEPA) and the California Department of Toxic Substances Control (DTSC). Specific guidance included: *EPA Risk Assessment Guidance for Superfund: Volume 1 – Human Health Evaluation Manual Part B, Development of Risk-Based Preliminary Remediation* (USEPA, 1991a); *EPA Risk Assessment Guidance for Superfund: Volume 1 – Human Health Evaluation Manual Part C, Risk Evaluation of Remedial Alternatives* (USEPA, 1991b); *Preliminary Endangerment Assessment Guidance Manual* (DTSC, 2015); and DTSC Human Health Risk Assessment Notes No. 1 through 12 (https://dtsc.ca.gov/human-health-risk-hero/).

Site-specific data were used whenever possible. This approach is consistent with guidance issued by the USEPA and the DTSC stressing the use of site-specific data to evaluate potential health risks. Conservative assumptions (i.e., assumptions that generally overestimate risk) were used in this assessment when site-specific data were lacking or incomplete.

# 2.0 SITE CHARACTERIZATION

The proposed developed site is formally referenced by Rosemead Holding as Phase 1 and currently comprises approximately 5.1 acres (223,987 square feet) of industrial land. The balance of the site is concrete- and asphalt-paved, with limited areas of exposed soil and vegetation in the southern portion of the site. The easternmost portion of the site was previously occupied by Ditty Container, Inc. (Ditty), which had subleased the property from Pacific Coast Drum Company (PCD) since 1996 and has recently vacated the site. Both PCD and Ditty cleaned, refurbished, and, in some cases, repainted drums and refurbished plastic tote containers since the 1940s, primarily for the food industry. The former westernmost buildings at the site were previously used for automotive repair and tire services.

The proposed industrial development consists of one three-story building which on the ground floor includes approximately 112,405 square feet (sf) of warehouse space, 8,200 sf of retail space, and 1,950 sf of office space resulting in a total building footprint of 122,555 sf. The second floor and mezzanine of the building will have 14,445 of warehouse storage space and 8,875 sf of office space. The third floor of the building will have 9,705 sf of office space. The total square footage for the building is approximately 155,580 sf. The retail and office spaces are in the western portion of the building. Only surface parking is planned in the areas peripheral to the Phase 1 development building. The proposed improvements detailed in the Site Plan may be subject to some modifications in the future. The proposed development plan is shown on Figure 2.

## 2.1 ENVIRONMENTAL ASSESSMENT SUMMARY

Site assessment activities have indicated the presence of chemicals of potential concern (COPCs) including metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons, and volatile organic compounds (VOCs) in soil at the site. Since the mid 1980s, many investigations have been conducted onsite. The Los Angeles Regional Water Quality Control Board (LARWQCB) issued a No Further Requirements (NFR) in March 1998 with regard to soil cleanup. Additional soil investigations were subsequently conducted in 2020 and 2021, as part of a real estate transaction, to evaluate site conditions associated with potential demolition and redevelopment.

In 2021, Leighton conducted a review of previous site investigations and historical analytical test data to evaluate potential data gaps and further evaluate the extent of COPCs previously investigated by others at the site. Rosemead Holding LLC entered into a voluntary Site Cleanup Program agreement with the LARWQCB with the objective of determining what actions, if any, are required as part of redevelopment.

In June 2021, Leighton conducted soil sampling at the site to further characterize the lateral and vertical extent of COPCs such as metals, PCBs, and VOCs in soil at locations not investigated by

previous consultants. The investigation included 20 soil borings up to a maximum depth of 35 feet below ground surface (bgs). A comprehensive report detailing the site investigation history and the soil and soil gas data (Leighton, 2021) was submitted to the LARWQCB in October 2021.

Soil analytical data collected by Leighton and others at the site are summarized in Tables 1 through 4. Environmental assessments indicated the presence of metals (Table 1), PCBs (Table 2), petroleum hydrocarbons (Table 3), and VOCs (Table 4) in soil. The impacted soil was generally limited to the upper 1 to 5 feet bgs and to the eastern third of the site. Leighton reported that VOCs in soil gas are widely distributed over the site, and that the data do not indicate a likely source area for VOCs. The primary COPCs in soil gas are chlorinated VOCs, specifically tetrachloroethylene (PCE), trichloroethylene (TCE), cis 1,2-dichloroethylene (DCE), 1,1-dichloroethane (DCA) and vinyl chloride. In April 2022, a soil vapor extraction (SVE) system was installed by EEC Environmental (EEC) on the southern portion of the site. EEC installed six dual-nested SVE wells and a SVE remediation system designed to focus on the remediation of VOCs in soil gas at the site. EEC is providing the LARWQCB with quarterly Soil Vapor Extraction System Installation and Remedial Progress Reports. Because the SVE system is currently operating to reduce VOCs in soil gas, the soil gas analytical data may not be representative of current or future conditions and is therefore not analyzed further in this report.

## 2.2 GEOLOGY AND HYDROGEOLOGY

According to Leighton (2021), the near-surface native soils at the subject site are Holocene-age non-marine alluvium comprising varying proportions of sand, gravel, silt, and clay deposited by the streams. These deposits are anticipated to be on the order of several hundred feet in thickness, where they are subsequently underlain by thick (several thousands of feet) sequences of sedimentary rock formations.

Groundwater depth was measured at 45 feet bgs in October 2020 (EEC, 2020), and at approximately 46 to 48 feet bgs during Leighton's 2021 investigation.

# 3.0 SELECTION OF CHEMICALS OF POTENTIAL CONCERN

All chemicals detected at the site (Tables 1 through 4) were included in a formal selection of COPCs. Copies of Leighton's soil data tables for the site are included in Appendix A.

As described in current USEPA and DTSC risk assessment guidance, the purpose of selecting COPCs is to focus the assessment on those chemicals that could reasonably be expected to pose a significant health risk. COPCs were selected so that the most prevalent, and potentially toxic, compounds detected at the site (i.e., those chemicals that represent the greatest potential threat to human health) were quantitatively evaluated in the health risk evaluation.

## 3.1 ORGANIC COMPOUNDS

Organic compounds detected in soil at concentrations above laboratory reporting limits at least once were considered to be COPCs for the site. Chemicals detected in soil at the site are listed in Tables 1 through 4.

## 3.2 METALS

In a conventional risk assessment, metal elements detected in soil at concentrations deemed to be within natural, background concentrations are excluded from the risk evaluation (USEPA, 1989 and DTSC, 2015). For this evaluation, the background metal data set was obtained from soil metal data collected from California Air Force facilities (Hunter, Davis, and Roach, 2004). Maximum detected soil metal concentrations were compared to the 95$^{th}$ percentile concentration obtained from the Air Force facilities. The comparison to background concentrations is presented in Table 5. In addition, maximum detected soil metal concentrations were compared to soil screening levels. In an effort to be conservative, screening levels selected were taken from published soil screening levels deemed to be protective of residential receptors. Any metal detected in soil at concentrations higher than either the background concentration and the established screening levels for residential land use were retained in this PEA as COPCs. The only metals selected in soil as COPCs were antimony, arsenic, hexavalent chromium (Cr VI), cobalt, lead, and molybdenum. The selection of metal COPCs is presented in Table 5.

*Statistical Analysis of Soil Arsenic Data*

The purpose of the statistical analysis was to determine whether there are any distribution patterns in the soil arsenic data. The statistical methods used in the arsenic data evaluation were taken directly from DTSC's policy for selecting chemicals of potential concern at hazardous waste sites and permitted facilities (DTSC, 1997). The first objective of the statistical analysis is to determine if the soil arsenic data is likely to be drawn from the same population (i.e., all samples collected from a non-contaminated site). For this type of analysis, the DTSC

recommends to "construct a table showing […] the frequency of detection, range of detected values, range of sample quantitation limits, arithmetic means, standard deviations, and coefficients of variation. Typically, data drawn from just one population will display a range of detected values of no more than 2 orders of magnitude and a coefficient of variation of no greater than 1. When either of these conditions is not met, one must suspect that values representative of contamination have been included in the population" (DTSC, 1997, Section 7.3, page 4). The table recommended by the DTSC has been constructed for this analysis and is presented in Table 6.

As can be seen in Table 6, the conditions stipulated by the DTSC for one population data (i.e., detected values within 2 orders of magnitude and coefficients of variation of less than 1) are met by the soil arsenic data. Therefore, based on this analysis it can be concluded that soil arsenic data was probably drawn from one population. In other words, the results of this preliminary analysis seem to indicate that arsenic data detected in soil at the site are representative of regional, ambient conditions. The next step in the analysis of soil arsenic data was to determine whether there are any soil arsenic data that are outside the norm (possible outliers). The potential presence of outliers in the data was evaluated using a "Fourth Spread" analysis as recommended by the DTSC (2009). The Fourth Spread (Fs) of the soil arsenic data was obtained using the following formula:

$$Fs = (Q3 - Q1)$$

Where:

| | | |
|---|---|---|
| Fs | = | Fourth spread (milligrams per kilogram [mg/kg]) |
| Q3 | = | Third quartile (5.0 mg/kg) |
| Q1 | = | First quartile (1.25 mg/kg) |

The estimated Fs for the site is 3.75 mg/kg.

The upper bound of the site-specific arsenic concentration is defined as:

All data points greater than Q3 + [1.5 x Fs]

or

5.0 mg/kg + [1.5 x 3.75 mg/kg] = 10.63 mg/kg

According to these calculations, the upper bound of the site-specific soil arsenic concentration is 10.63 mg/kg.

## 3.3 TOTAL PETROLEUM HYDROCARBONS (TPH)

TPH is a mixture of hundreds of organic chemicals found in crude oil, natural gas, coal, coal tar, petroleum products, and other similar materials. It is not possible to determine the chemical, physical, and toxicological properties of TPH because its composition varies widely depending on its source, composition, and the industrial processes it has undergone. In addition, petroleum hydrocarbons in the environment (soil, water, and air) vary widely from one site to another because they are subjected to modifications by chemical, physical, and biological processes naturally present in the environment. Because of these considerations, it is not practicable to evaluate every compound present in petroleum products in a risk assessment. For these reasons, risk assessments of petroleum hydrocarbons are conducted by assessing the potential impacts from a select group of "indicator" chemicals. The indicator chemicals usually selected are those chemicals known to be present in most petroleum hydrocarbons and known to be the most toxic, persistent, and mobile in the environment. The chemicals known to be the most toxic and persistent components of TPH are the aromatic compounds.

The indicator chemicals usually selected are aromatic hydrocarbons and aliphatic fractions. Since aromatic hydrocarbons were detected in soil at the site (Table 3), the potential health risks and hazards posed by aromatic hydrocarbons are evaluated by assessing the risks posed by the individual VOCs detected. However, in an effort to be conservative it was assumed detected TPH is made up of 50-percent aromatics and 50-percent aliphatics.

# 4.0 EXPOSURE ASSESSMENT

California health and environmental protection agencies require the remediation of chemical spills and leaks if the release represents a threat to human health and the environment. Similarly, cleanup of an accidental release has to be conducted to the extent that the threat posed by the release is reduced to acceptable levels. The purpose of this PEA was to determine if the presence of anthropogenic chemicals in soil at the Site represents a threat to current and future site occupants.

## 4.1 CONCEPTUAL SITE MODEL

The potential for human exposure to chemicals residing in soil at the site is influenced by at least four factors:

- The types of chemicals present at the site;
- Chemical and physical interaction between the chemicals and the environment that act to move and transform the chemicals;
- Location and activities of onsite receptors that may place them in contact with either onsite or migrated chemicals; and
- Specific behaviors of these receptors that allow uptake of the chemical(s), either currently or in the future.

The Conceptual Site Model (CSM) developed for the site evaluates those exposure pathways that link the chemical sources and types of releases with human receptors.

An exposure pathway is considered complete if all of the following components are present:

- A chemical source;
- A release and transport (i.e., chemical migration) mechanism;
- A receptor (i.e., a potentially exposed person);
- An exposure point at a receptor location (i.e., chemicals are present where receptors are located); and
- An exposure route through which a receptor may be exposed (i.e., a chemical uptake route such as ingestion, inhalation, or dermal contact).

Each of these components and their interactions that may result in complete, incomplete or insignificant exposure pathways are discussed below. All exposure pathways considered in the evaluation are presented in Figure 3. In order to construct a realistic CSM, it is assumed that the

Site will be occupied by some form of industrial or commercial facility into the foreseeable future.

### *4.1.1 Identification of Potential Receptors*

As stated earlier, the site is located within an industrialized area of South El Monte, California. Therefore, the most likely future receptors at the site are commercial/industrial workers. The identification of potentially exposed populations is based on the location of the potential receptors. For this CSM, two distinct receptor locations are considered: onsite and off-site receptors. However, only the onsite receptors were quantitatively evaluated in this PEA, as off-site receptor exposures are likely to be much lower than those estimated for onsite receptors. In addition, protective measures and cleanup levels estimated to be protective of onsite receptors will also be protective of off-site receptors.

Onsite receptors include:

- *Full-time workers.* Full-time workers may include administrative and operations staff that work at a commercial/industrial facility at the site. These employees work 40-hour weeks and about 250 days per year.
- *Part-time workers.* Part-time workers may include specialized maintenance and operations personnel. Part-time workers may be present at the site in response to sporadic labor and specialized personnel needs. These workers are assumed to operate from temporary onsite offices and are not limited to 40-hour weeks. Employment duration for temporary workers is usually less than one year onsite.
- *Visitors.* Visitors are likely to be at the site for no more than a few hours a week.

For the purposes of this assessment, the potential receptors evaluated are:

- *Onsite Nonintrusive Maintenance Workers*. It is assumed some of the workers at the site would work almost exclusively outdoors. These workers may come in contact with chemical-impacted surface soil and dust while at work (Figure 3). However, these workers are not assumed to conduct earth-moving activities and/or dig trenches. Hence these workers are referred to as nonintrusive workers.
- *Onsite Construction Workers.* These workers are defined here as future construction workers and/or utility-line workers who might be engaged in short-term intrusive activities. These workers might come in contact with chemical-impacted soil while at the Subject Property (Figure 3).

As stated above, part-time workers and visitors could also be exposed to site-related chemicals while at the site. However, exposures for these two types of sporadic receptors are likely to be much lower than those potentially experienced by full-time workers. Therefore, only the onsite,

full-time worker exposure scenario was evaluated in this PEA. In addition, protective measures and cleanup levels estimated to be protective of full-time workers will also be protective of future part-time workers and visitors.

### *4.1.2 Identification of Exposure Media and Pathways*

As stated previously, onsite receptors might be exposed to impacted soil and dust. Soil represents a source and transport medium for site-related chemicals. Potential release mechanisms for contaminants in surface and shallow-subsurface soil include tracking, excavation, fugitive dust generation, volatilization, and uptake from contact. Human receptors may be indirectly exposed to contaminants from soil via inhalation of dust and may be directly exposed to contaminants in surface or shallow subsurface soils via incidental ingestion and dermal contact (Figure 3). Receptor-specific pathways for exposure to COPCs in soil that are considered in this PEA include current and/or future nonintrusive (maintenance) workers and construction workers may be exposed to COPCs in soil via incidental ingestion and dermal contact with soil, inhalation of fugitive dusts from surface soils (containing semivolatile chemicals), and potential volatilization of VOCs to ambient air from soil that could be brought up to the surface as a result of construction activities (Figure 3).

It should be noted that soil gas pathways are not evaluated in this PEA because, as a result of ongoing SVE remediation, the existing soil gas data may not be reflective of current or future site conditions. However, in general, VOCs may migrate into soil pore-space and then escape into indoor and outdoor air (Figure 3). The indoor air exposure pathway is not considered to be complete for construction and outdoor nonintrusive workers (Figure 3).

Although offsite receptors may also be exposed to site-related chemicals, their exposure should be substantially less than that estimated for onsite workers because of wind dispersion and dilution. Therefore, only exposure to onsite workers were quantitatively evaluated in this assessment (Figure 3).

## 4.2 EXPOSURE POINT CONCENTRATIONS

For direct contact exposures, such as soil ingestion and dermal absorption, Exposure Point Concentrations (EPCs) relate directly to measured chemical concentrations. The DTSC (2015 and 2019b) recommends the use of the use of the 95-percent upper confidence limit concentration (95UCL) as the representative soil EPC. For this evaluation, either the 95UCL or the maximum detected chemical concentrations were used as the EPCs for soil exposures. For inhalation exposures, EPCs were estimated by modeling contaminant concentrations in dust, vapors or fumes that may reach the breathing zone of a receptor.

The 95UCL for chemicals detected in soil was conducted using the ProUCL (Version 5.1) software (Singh, A. and Maichele, R., 2015), which is recommended by the USEPA. Only soil

quality data collected in the upper 10 feet of soil were included in the evaluation. Statistical parameters obtained for metals, PCBs, and TPH are presented in Tables 6, 7 and 8, respectively.

The USEPA (2002) recommends that the one-sided 95 percent upper confidence limit of the arithmetic mean (95UCL) be used as an upper bound chemical concentration that can be expected at a site. The 95UCL provides reasonable confidence that the true site average will not be underestimated. According to the USEPA (2002), risk assessment exposure concentrations should use the 95UCL for each COPC unless the 95UCL exceeds the maximum detected concentration for a particular chemical. Where the 95UCL exceeds the maximum detected concentration, the maximum detected concentration is used as the upper limit exposure concentration. The 95UCL can exceed the maximum detected concentration for several reasons, including small sample sizes and large sample variances. Following USEPA guidance, the lower value of the maximum concentration or the 95UCL was used in the risk calculations (USEPA, 2002). Copies of the ProUCL printouts are included in Appendix B.

Given the low frequency of detection for Cr VI (Table 1), Aroclor-1262 and Aroclor-1268 (Table 2) and VOCs (Table 4) a statistical analysis of soil data was not conducted for these chemicals, and the maximum detected concentration was used as the EPC.

### *4.2.1 Fate and Transport Modeling*

Vapor and particulate dust inhalation EPCs were modeled as follows:

*Particulate Emission Modeling* – Exposure to non-volatile chemicals may occur via inhalation of fugitive dust. Inhalation exposure to non-volatile compounds in fugitive dust is typically minor when compared to direct ingestion exposure (USEPA, 2002). Nevertheless, a relationship must be estimated between the chemical concentration in soil and the concentration in air (secondary media) due to fugitive dust emissions from soil. The USEPA (2002) and DTSC (2015) recommend using a particulate emission factor (PEF) to model chemical concentrations in airborne dust. The PEF is used in this risk evaluation to estimate inhalation exposures to fugitive dust at the site.

The PEF represents an annual average emission rate based on wind erosion. For this PEA, a PEF value of 1.36E+09 cubic meters per kilogram ($m^3/kg$) was used as the PEF for non-intrusive workers and a PEF of 1.0E+06 $m^3/kg$ was used to model dust exposure for construction workers (DTSC, 2019b). The ambient chemical air concentration due to dust emissions was obtained by dividing the soil chemical concentrations by the PEF. The estimated ambient air EPCs were used to estimate dust inhalation exposures.

*Vapor Emission Modeling* – Emissions of VOCs from soil to ambient outdoor air were modeled using a Volatilization Emission Factor (VEF) as described in USEPA's Supplemental Guidance

for Developing Soil Screening Levels for Superfund sites (USEPA, 2002). The VEF equation applicable to industrial/commercial sites is:

$$VEF = Q/C_{vol} * [(3.14 * D_A * T)^{1/2} * 10^{-4}]/(2 * P_b * D_A)$$

Where:

| | | |
|---|---|---|
| VEF | = | Volatilization emission factor ($m^3$/kg) |
| $Q/C_{vol}$ | = | Inverse of the ratio of the geometric mean air concentration to the volatilization flux at center of a square source (grams per square meter per second per kilogram per cubic meter [$g/m^2$-sec per $kg/m^3$]) |
| T | = | exposure interval (seconds [sec]) |
| $P_b$ | = | dry soil bulk density (grams per cubic centimeter [$g/cm^3$]) |
| $D_A$ | = | apparent diffusivity (square centimeters per second [$cm^2$/sec]) |

The above VEF equation employs an apparent diffusivity factor ($D_A$), which defines the tendency of a chemical to diffuse into soil gas as a function of the physical properties of the chemical and surrounding soil. To facilitate calculation of $D_A$ values, site-specific parameters were used. The dispersion factor term ($Q/C_{vol}$), which accounts for dispersion of the volatilized soil VOC into ambient air, can be modeled for sites ranging in size from 0.5 to 500 acres, and can be tailored to predominant meteorological conditions associated with particular cities within the United States. The estimated $Q/C_{vol}$ value of 68.81 $g/m^2$-sec per $kg/m^3$ associated with a 5-acre site located in Los Angeles, California was used. Vapor emission calculations were based on exposure durations of 25 years for non-intrusive workers. Substituting the above values and site-specific $D_A$ values into the above equation yielded individual VEFs for each soil VOC as shown in Table 9. These VEF values were used to model soil VOC emissions for onsite nonintrusive and construction workers.

## 4.3 DOSE ESTIMATION

Two types of chronic, chemical intake doses were calculated. Chemical intakes associated with non-carcinogenic adverse health effects were estimated by calculating the average daily intake (ADI). Non-carcinogenic exposures are expected to last as long as the receptor has contact with the site, which is typically less than a lifetime. In contrast, chemical intakes associated with carcinogenic health effects are averaged of a lifetime of 70 years, even though actual site exposures are also typically less than a lifetime. Thus, carcinogenic chemical intakes were estimated by calculating the lifetime average daily intake (LADI). The equation used to calculate ADI and/or LADI values for each exposure pathway and COPC is shown below:

$$(L)ADI = EPC \cdot \frac{RIF \cdot EF \cdot ED}{BW \cdot AT}$$

Where:

| | | |
|---|---|---|
| (L)ADI | = | (Lifetime) Average daily intake (mg/kg-day) |
| EPC | = | Exposure point concentration (units vary by media) |
| RIF | = | Route-specific intake factor (milligrams per day [mg/day]) |
| EF | = | Exposure frequency (days/year) |
| ED | = | Exposure duration (years) |
| BW | = | Body weight (kilograms [kg]) |
| AT | = | Averaging time (days) |

For ingestion, the RIF equals the soil ingestion rate. For dermal contact, RIF = SA*AF*ABS where SA = skin surface area, AF = soil to skin adherence factor and ABS = dermal absorption factor (chemical specific). For outdoor particulate and vapor inhalation, the RIF is the air inhalation rate (IR-A). These exposure parameters used to calculate the ADI and LADI for workers and construction workers under standard RME scenarios are listed in Table 10.

Health risks associated with environmental exposures are directly related to the duration of exposure. Provided the chemical concentrations in environmental media remain constant, the populations facing longer exposures will receive the highest dose and hence would face the highest estimated health risk. Therefore, it is customary to assess health risks based on the populations expected to receive a higher dose. If the health risks estimated for the "high dose populations" are found to be within acceptable levels, then other populations having lower intensity of exposure do not have to be evaluated as their exposures and health risks can be concluded to fall within acceptable levels.

# 5.0 TOXICITY VALUES

The term "toxicity values" refers to either "slope factors" that have been experimentally determined for carcinogens, or to "reference doses" that have been experimentally determined for chemicals that have other (or additional), non-carcinogenic adverse health effects. The slope factor (SF) is the result of application of a low-dose extrapolation procedure and is presented in units of "$[(mg/kg)/day]^{-1}$." The SF is used to estimate an upper-bound probability of an individual developing cancer as a result of a 30-year exposure to a carcinogen averaged over a lifetime. The higher the SF value, the greater is the probability that a particular chemical will cause cancer. For risk assessment purposes, any exposure to a carcinogen, regardless of the dose, is viewed as having the potential to cause cancer.

A reference dose (RfD) is an estimate (with uncertainty spanning perhaps an order of magnitude or greater) of a daily exposure level for the human population, including sensitive subpopulations, that is likely to be without an appreciable risk of causing deleterious effects during a lifetime. Hence, non-carcinogenic adverse health effects are dose-dependent. Regulators derive an RfD value for a chemical by dividing an experimentally determined "no observable adverse effect level" (NOAEL) by uncertainty factors (UFs) and modifying factors (MFs) that together may range from 3 to 1,000. Uncertainty factors and MFs are values that have been incorporated into the RfD to account for uncertainties in such variables as extrapolation of data from animals to humans, using dose-response information from short-term studies to predict chronic effects, and using dose-response data derived from healthy animal or human populations and extrapolating it to sensitive subpopulations, such as children and people in frail health. Hence, the UFs and MFs provide a margin of safety so that resulting RfD values are considered to be protective of all human health, including sensitive persons.

Both SFs and RfDs are dependent on the route of exposure. Therefore, SFs for a particular carcinogen may be different for oral (SForal), dermal (SFdermal) and inhalation (SFinh or Unit Risk Factor [URF]) exposure routes. The URF is defined as the probability of developing cancer from inhalation when exposed to 1 $ug/m^3$ of a chemical over a lifetime. Chronic Reference Exposure Levels (RELs) provided by the Office of Environmental Health Hazard Assessment (OEHHA) on their website are equivalent to RfCinh values (OEHHA, 2019). Similarly to SFs and URFs, RfDs may be different for oral (RfDoral), dermal (RfDdermal) and inhalation (RfCinh) exposure routes, where RfCinh refers to reference concentration in milligrams chemical/cubic meters air ($mg/m^3$). The purpose of the discussion below is to document the use of appropriate SFs and RfDs for the COPCs identified at the site.

## 5.1 SLOPE FACTORS

Potentially carcinogenic COPCs identified at the site are those for which a SF is listed in Table 11. Preliminary Endangerment Assessment (PEA) guidelines were followed in choosing appropriate slope factors for these compounds. That is, preference was given first to those SFs listed by OEHHA on their Toxicity Criteria Database (OEHHA, 2021), then to the USEPA as listed on their Integrated Risk Information System (IRIS) database (USEPA, 2019). Finally, if toxicity values were unavailable from either of these sources, then values listed through the harmonized efforts of USEPA Regions III, VI and IX in their Regional Screening Levels (RSL) Table were used (USEPA, 2021).

Confidence in SF values is expressed either by the USEPA or by the International Agency for Research on Cancer (IARC) as a "weight of evidence classification." According to the USEPA classification system, Class A carcinogens are those which are supported by human data. Class B1 or B2 carcinogens are regarded as probable carcinogens, where B1 indicates that limited human data are available and B2 indicates that sufficient evidence exists in animals, but there is inadequate or no data in humans. Class C indicates that the chemical is a possible human carcinogen. Class D indicates that the compound is not classifiable as a human carcinogen. Class E indicates that evidence exists supporting the idea that the chemical is not carcinogenic in humans.

In this assessment, chronic toxicity criteria were selected in accordance with the DTSC Regulation "Toxicity Criteria for Human Health Risk Assessment" (effective September 2018) (https://dtsc.ca.gov/LawsRegsPolicies/Regs/Toxicity-Criteria-for-Human-Health-Risk-Assessment.cfm). Toxicity information was obtained from the DTSC Human and Ecological Risk Office (HERO) HHRA Note 10, Toxicity Criteria (DTSC, 2019a). Cancer slope factors and unit risk factors used for the COPCs detected at the site are summarized in Table 11.

## 5.2 REFERENCE DOSES

Reference doses (RfDs) for COPCs identified at the Site are also listed in Table 11. DTSC guidelines were followed in choosing appropriate reference doses (DTSC, 2019a); i.e., preference was given first to those Reference Exposure Levels (RELs) listed on OEHHA's Toxicity Criteria Database (OEHHA lists only inhalation) (OEHHA, 2021), then to RfCs and RfDs listed on USEPA's IRIS web site (USEPA, 2019), and finally to RfDs listed on USEPA Region IX's RSL table (USEPA, 2021). OEHHA RELs or $RfC_{inh}$ values were used to calculate $RfD_{inh}$ values when the latter were unavailable (DTSC, 2019a). RfD and RfC for COPCs detected at the site are summarized in Table 11.

# 6.0 RISK CHARACTERIZATION

The Risk Characterization section provides a quantitative estimation of the health risks associated with chemical exposure. The risk characterization used the toxicity information from Section 5.0; the exposure factors estimated in Section 4.0; and the estimated chemical EPCs from Sections 2.0 and 3.0 to evaluate both non-carcinogenic and carcinogenic health effects. Non-carcinogenic health effects were characterized with respect to established regulatory criteria and carcinogenic health risks were characterized with respect to acceptable cancer risks.

Health risk and hazard estimates presented in this section have been developed for nonintrusive workers and construction workers. For all exposure scenarios evaluated, health risk and hazards were estimated assuming that shallow soils would be excavated and exposed to the surface. Under these conditions, it was assumed that nonintrusive workers and construction workers will have direct contact with soil and dust through the ingestion, dermal contact and inhalation pathways.

## 6.1 NON-CARCINOGENIC RISK CHARACTERIZATION

USEPA's policy regarding non-carcinogenic chemicals differs from its policy for carcinogens (USEPA, 1989). With respect to non-carcinogens, it has been postulated that for systemic toxicity effects to occur, physiological, homeostatic, compensating, and adaptive mechanisms existing in humans must first be rendered inactive prior to any manifestation of a particular toxic response. USEPA's theory for non-carcinogens is that the toxic response has a "threshold" concentration above which toxic effects may occur. USEPA has established RfDs for several of the non-carcinogenic COPCs, which represent the dose of the chemical not expected to result in adverse health effects, even over a lifetime of exposure.

The likelihood of manifesting non-carcinogenic effects is not expressed as a probability as is the likelihood for carcinogenic risk. USEPA recommends evaluation of non-carcinogenic potential using a calculation of hazard quotients (HQ) and hazard indices (HI). The HQ is a pathway-specific (e.g., dermal, inhalation) ratio of the average daily intake (ADI) for each chemical compared to the agency-established, chemical-specific chemical reference dose (RfD). Reference doses are chemical doses considered to be "safe" for lifetime exposures by regulatory agencies. The HI is the sum of all the HQs for an individual pathway and from all pathways of exposure and is used to assess total non-carcinogenic risks. If either an HQ or the HI exceeds a value of 1.0, there "may be a concern for potential non-carcinogenic effects" (USEPA, 1989). Any HQ or HI less than 1.0 indicates that there is a low probability of adverse health effects occurring for the evaluated exposure scenarios.

The evaluation of non-carcinogenic health hazards began with a calculation of the hazard quotient or HQ for each chemical. The HQ can be expressed according to the following equation:

$$HQ = \frac{ADI}{RfD}$$

Where:

$$ADI = EPC \bullet Pathway\ Specific\ EFn$$

And:

| | | |
|---|---|---|
| HQ | = | Hazard quotient (unitless) |
| ADI | = | Average daily intake (mg/kg/day) |
| RfD | = | Reference dose (mg/kg/day) |
| EPC | = | Exposure point concentration ($mg/m^3$ for air, mg/kg for soil) |
| EFn | = | Exposure factor for non-carcinogens, $m^3$/kg-day for inhalation and kg/kg-day for oral and dermal. |

The HQs for each chemical and all exposure pathways were summed to estimate the hazard index (HI) for each receptor as follows:

$$HI = \sum_{n}^{1} HQ_i$$

Where:

| | | |
|---|---|---|
| HI | = | Hazard index, unitless |
| HQi | = | as defined above, unitless |

The HIs and HQs estimated for onsite nonintrusive and construction workers exposed to chemical-affected dust and soil through the ingestion, dermal and inhalation pathway are presented in Table 12. Supporting calculations for each exposure pathway are presented in Appendix C. The estimated HQs for each receptor are summarized below:

*Onsite Nonintrusive Maintenance Workers*

- 0.6 for nonintrusive workers exposed to soil, dust and outdoor volatiles through the ingestion, dermal and inhalation pathways (Table 12).

*Onsite Construction Worker*

- 2 for construction workers exposed to soil, dust and outdoor volatiles through the

ingestion, dermal and inhalation pathways (Table 12).

According to the USEPA (1989), if the HI is less than 1, there is no concern for potential chronic adverse health effects from the chemical exposures. In cases where the total HI exceeds 1, DTSC (2015) guidance recommends evaluating "risk drivers" by the target organ of toxicity. If the HI estimated for each target organ of toxicity is less than 1, then it can be concluded that there is no concern for chronic exposures. The HI estimated in this PEA for construction workers slightly exceeds the acceptable value of 1. The HI "risk drivers" identified for the site are antimony, cobalt, Cr VI and TPH in soil (Table 12). The target organ of toxicity for the "risk drivers" are:

- Gastrointestinal damage for antimony.
- Thyroid damage for cobalt.
- Liver and kidney damage Cr VI.
- Heart and central nervous system damage for TPH.

Since none of the HI "risk drivers" identified have a common target organ of toxicity, it can be concluded that exposure to the COPCs detected in soil at the site do not pose a health hazard to future onsite workers.

Due to the unique toxicological properties of arsenic and lead, the DTSC (2020) recommends the use of screening levels developed specifically for each metal. For arsenic, the DTSC (2009) recommends the use of local background soil arsenic concentrations as the screening level. The local background arsenic concentration at the site was estimated to be 10.63 mg/kg (discussed in Section 3.2). Therefore, the screening level used in this PEA for arsenic is the local background concentration of 10.63 mg/kg. The 95UCL soil arsenic concentration at the site was estimated to be 4.88 mg/kg (Table 6). This value is lower than the local background concentration of 10.63 mg/kg. Since the soil arsenic 95UCL is below the soil background concentration, arsenic detected at the site is considered to be within background levels and deemed to pose no health risk to onsite workers.

For lead, the DTSC recently published a soil screening level (DTSC-SL). The commercial/industrial DTSC-SL for lead is 500 mg/kg (DTSC 2022). The DTSC considers average soil lead concentrations lower than 500 mg/kg to pose no health threat to onsite workers. The 95UCL soil lead concentration for the site was estimated to be 1,443 mg/kg (Table 6). Therefore, lead in soil at the site is considered to pose a potential health hazard to exposed workers.

## 6.2 INCREMENTAL CANCER RISKS

Cancer risks are expressed as the upper-bound, increased likelihood of an individual developing cancer as a result of exposure to a particular chemical. For example, a cancer risk of 1E-04 refers to an upper-bound increased chance of one in ten thousand of developing cancer over a lifetime (0.01 percent risk). The potential increase in cancer risk from exposure to the chemicals detected in soil at the site is in addition to a background risk of Americans developing cancer. The background risk is one chance in three (0.3 or 3E-01) for every American female, and one chance in two (0.5 or 5E-01) for every American male, of eventually developing cancer (ACS, 1997). The chemical-specific exposure estimates (i.e., the lifetime average daily dose or LADD) are multiplied by the chemical- and route-specific slope factor to arrive at a unitless probability (e.g., 1E-05) of an individual developing cancer.

Incremental lifetime human health risks associated with exposure to carcinogenic COPCs was calculated in accordance with DTSC (2015) and USEPA (1989) guidelines. The following equation was used to calculate incremental lifetime carcinogenic risks from exposure to carcinogenic COPCs as shown below (USEPA, 1989):

$$Risk = (LADI) \bullet SF$$

Where:

$$LADI = Co \bullet Pathway\ Specific\ EFc$$

And:

| | | |
|---|---|---|
| Risk | = | Upper bound incremental lifetime carcinogenic risk (unitless) |
| LADI | = | Lifetime averaged daily intake (milligrams per kilogram per day [mg/kg/day]) |
| Co | = | Exposure point concentration, (milligrams per cubic meter [$mg/m^3$]) in air, (mg/kg) in soil |
| EFc | = | Intake factor for carcinogens ($m^3$/kg-day) for inhalation and (kg/kg-day) for oral and dermal. |
| SF | = | Cancer slope factor $(mg/kg/day)^{-1}$ |

The incremental cancer risks estimated for nonintrusive and construction workers exposed to chemical-impacted soil and dust through the ingestion, dermal and inhalation pathway are presented in Table 12. Supporting calculations for each exposure pathway are presented in Appendix C. The estimated incremental cancer risks for the exposure scenarios evaluated were:

*Onsite Nonintrusive Workers*

- 2E-05 for nonintrusive workers exposed to soil, dust and outdoor volatiles through the

ingestion, dermal and inhalation pathways (Table 12).

*Onsite Construction Worker*

- 1E-05 for construction workers exposed to soil, dust and outdoor volatiles through the ingestion, dermal and inhalation pathways (Table 12).

The calculated excess carcinogenic risks were compared to the "acceptable" risk value of 1.0E-05 (ten excess cancer cases in a population of 1,000,000 exposed individuals). Incremental cancer risks estimated in this PEA for nonintrusive workers exposed to soil and dust slightly exceed the acceptable risk value of 1E-05.

The “risk driver” identified in soil was Cr VI. Although present in a very small number of samples and not widely dispersed throughout the site (see Table 1), this metal detected in soil contributed up to 97% and 67% of the estimated cancer risk for construction workers and nonintrusive workers, respectively.

# 7.0 RISK-BASED CLEANUP LEVEL DEVELOPMENT

Results of the risk evaluation presented above indicate that, in the absence of soil remediation, Cr VI and lead in soil may be present at concentrations that could pose a health hazard and/or a cancer risk to onsite workers.

In anticipation of site redevelopment, RBCLs for the protection of human health were developed for the site. RBCLs are soil concentrations that are believed to be protective of human health and the environment. RBCLs developed for the site express a COPC concentration and an exposure route, rather than a concentration alone, because protectiveness may be achieved by reducing exposure by means other than COPC mitigation (such as capping an area, limiting access, stabilization or other engineering controls).

Site-specific RBCLs for soil were calculated considering human health exposure pathways, and background concentrations using a methodology and approach recommended by the DTSC (2015 and 2020). The RBCLs were developed assuming that impacted soils are accessible to maintenance and construction workers. In reality, the majority of the site will be paved or covered by buildings and exposure would be very limited. For these covered areas, soils exceeding RBCLs can remain in place provided administrative controls (such as a land use covenant and soil management plan) are used to minimize or prevent worker exposure to chemical-impacted soils. Some of the soil risk management controls that can be considered for the site are:

- Onsite soil management including the necessary Best Management Practices (BMPs) and institutional controls.
- Containment, fixation, capping, encapsulation or stabilization of Cr VI and lead in soil.
- The excavation and removal of Cr VI- and lead-impacted soils. If excavation were to be considered for Cr VI, the goal of soil remediation should be to excavate and remove soil sample LV-10-1 (see Table 1) as only this sample contained Cr VI at concentrations deemed to pose a cancer risk. Confirmation soil samples collected at and around the excavated soil sample should be at or below the RBCLs developed in this chemical (55.36 mg/kg; Table 13). For lead, soil excavation and removal should reduce the soil lead 95UCL to less than the DTSC's soil lead screening level of 500 mg/kg.

Enviro-Tox conducted a virtual soil remediation by removing from the statistical analysis all samples containing lead in soil at concentrations higher than 2,000 mg/kg. The estimated soil lead 95UCL at the completion of the virtual remediation was 150 mg/kg (Appendix B). Based

on the results of the virtual remediation, Enviro-Tox model resulted in the removal of only soils containing lead at concentrations higher than 2,000 mg/kg. Enviro-Tox also recommends confirmation soil samples be taken at the completion of excavation activities and that the soil lead 95UCL be calculated. Excavation activities for the remediation of lead-impacted soils should be considered complete once the overall soil lead concentration 95UCL is below 500 mg/kg.

## 7.1 DEVELOPMENT OF RISK-BASED CLEANUP LEVELS

RBCLs for the site were developed using applicable USEPA (1991a and b) and DTSC (2015) methodology and development criteria. This section describes in detail the development of RBCLs for the site.

The equations used to estimate RBCLs for soil involve the reverse of the calculation procedure used for the health risk assessment presented in previous sections of this report. Given a target risk limit at the exposure points, the maximum allowable concentration at the source zone is back-calculated based on the applicable exposure factors and toxicity parameters.

RBCL for carcinogenic chemicals were calculated by setting the target risk for occupational receptors at a DTSC-acceptable level of 10 in 1 million cancer risk (1E-05) and then solving for the concentration variable using the previously estimated incremental cancer risk associated with a soil exposure point concentration. The following equation defines the relationship between RBCLs, exposure point concentrations and cancer risk:

$$RBCL = EPC \times \frac{TR}{Chemical - Specific\ \&\ Site - Specifc\ CR}$$

Where:

| | | |
|---|---|---|
| RBCL | = | Risk-based cleanup levels (mg/kg for soil) |
| EPC | = | Chemical exposure point concentration used in the risk calculation (mg/kg) |
| TR | = | Target risk limit for carcinogenic effects (1E-05; unitless) |
| CR | = | Incremental cancer risk estimated to be associated with the site- and chemical-specific exposure point concentration (unitless) |

RBCLs for non-carcinogens are set by choosing an acceptable hazard index for the site and then solving for a chemical concentration in the environmental media that meets the chosen hazard index. The equation that defines the relationship between soil exposure point concentrations, hazard index and RBCLs is:

$$RBCL = EPC \times \frac{THI}{Chemical-Specific\ \&\ Site-Specific\ HI}$$

Where:

THI = Target hazard index for non-carcinogenic effects (1.0; unitless)
HI = Hazard index estimated to result from multipathway exposures at site-and chemical-specific exposure point concentrations (unitless).
All others as previously defined.

The target hazard index (THI) chosen was 1.0 in accordance with DTSC (2015) regulatory guidance.

Calculations of soil RBCLs for protection against cancer and non-cancer effects through the inhalation, incidental ingestion, dermal contact with soil and inhalation of outdoor air are presented in Table 13.

The final step in the derivation of RBCL is the selection of cleanup levels for protection against non-carcinogenic and carcinogenic effects. For chemicals having target cleanup levels for protection against carcinogenic and non-carcinogenic effects, the lower of the two values was selected as the RBCLs (Table 13). For all other chemicals not known to be carcinogenic, the RBCLs adopted were the cleanup levels estimated to protect from non-carcinogenic effects (Table 13).

# 8.0 UNCERTAINTY ANALYSIS

The frequency and duration of soil and dust contact activities are a significant factor affecting the potential for adverse human health impacts from the site. In addition, the chemical distribution in site soils can significantly affect the interpretation of risk results based on the exposure point concentrations used in the analysis. These factors are discussed in more detail below.

This PEA is based on the application of conservative methods and assumptions in all phases of the assessment. Because exposure point concentrations were derived from fate and transport modeling, conservative assumptions and methodology were necessarily employed to eliminate the possibility of underestimating risks. This practice, although commonly used in the risk assessment process, necessarily introduces a significant level of conservatism in the conclusions derived from the assessment. Examples of some of the conservatism in this assessment include:

- The assumption that future receptors at the site would be exposed to chemicals in soil and dust 100 percent of the time. In reality, future receptors are not likely to be onsite for more than 8 hours per day, for no more than 10 years.
- The assumption that future onsite commercial/industrial workers have contact with soil. However, it is known that the entire surface area of the site will be occupied by a new warehouse and office buildings, asphalt and concrete paving or landscaped areas. Thus, onsite workers are not likely to come in contact with soil while at the site.
- Carcinogenic risks for all pathways for onsite commercial/industrial workers were based on an exposure of 250 days per year for 25 years. A more realistic exposure scenario for a typical worker would be to assume an exposure frequency of 250 days per year for a duration of no more than 7 years.
- It was also assumed that COPC concentrations would remain constant over time. It is more likely that, due to natural degradation processes, COPC concentrations would decrease over time. Thus, estimated COPC intake would decrease over time, which would result in lower risk estimates than presented in the PEA.
- Toxicity values used in risk assessments present overestimates of the potential toxicity of chemicals to humans. Assumptions used to develop toxicity values include the addition of safety factors to account for uncertainties associated with extrapolating high doses to low doses and uncertainties associated with the use of laboratory animal studies to assess potential toxicity to human receptors.

All conclusions and recommendations presented in this report are based on reported chemical concentrations in soil and the current land use of the site without considering the operation of the SVE system. In this risk assessment, all fate-and-transport models, parameters, toxicity data and

assumptions were used in accordance with federal and state regulatory guidelines. These guidelines are meant to protect the public and tend to overestimate potential health risks. As such, this risk assessment provides a conservative estimate of the upper boundary of potential health risks, rather than an accurate representation of true health risks posed by the site.

# 9.0 REFERENCES

American Cancer Society (ACS). 1997. Percentage of Population (Probability) Developing Invasive Cancers at Certain Ages by Sex, US, 1991-1993. Table in: ACS's Cancer Facts & Figures – 1997. American Cancer Society, Inc., 1599 Clifton Road, NE, Atlanta, GA 30329-4251. Page 11.

DTSC. 1997. Selecting Inorganic Constituents as Chemicals of Potential Concern at Risk Assessment at Hazardous Waste Sites and Permitted Facilities. Final Policy. February.

DTSC. 2009. Arsenic Strategies, Determination of Arsenic Remediation, Determination of Arsenic Cleanup Goals for Proposed and Existing School Sites. January 16.

DTSC. 2014. Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Military Facilities.

DTSC. 2015. Preliminary Endangerment Assessment Guidance Manual. State of California-Environmental Protection Agency, Sacramento, CA. October.

DTSC. 2019a. HERO HHRA Note Number: 10, Toxicity Criteria. February.

DTSC. 2019b. HERO HHRA Note Number: 1, Recommended DTSC Default Exposure Factors for Use in Risk Assessments at California Hazardous Waste Sites and Permitted Facilities. April 9.

DTSC. 2020. HERO HHRA Note Number 3, DTSC-modified Screening Levels (DTSC-SLs). June.

DTSC. 2022. HERO HHRA Note Number: 4, Guidance for Screening Level Human Health Risk Assessments. March 29.

Hunter, P.M., Davis, B.K., F. Roach. 2004. Naturally Occurring Concentrations of Inorganic Chemicals in Groundwater and Soil at California Air Force Installations. 44th Annual Meeting of the Society of Toxicology. New Orleans, Louisiana. https://www.dtsc.ca.gov/AssessingRisk/upload/Metals_Handout.pdf

Leighton Consulting, Inc. 2021. Limited Soil and Soil Vapor Site Investigation, Rosemead Holding, LLC – Phase 1 Development. 2200 North Rosemead Boulevard, South El Monte, California. September 3.

OEHHA. 2019. Acute, 8-Hour, and Chronic Reference Exposure Level Summary. https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary. November.

OEHHA. 2021. Toxicity Criteria Database, https://oehha.ca.gov/chemicals. Accessed in November.

Singh, Anita, and Maichle, Robert. 2015. ProUCLVersion 5.1, User Guide. Statistical Software for Environmental Applications for Data Sets with and without Nondetect Observations. USEPA Office of Research and Development. October.

USEPA. 1989. Risk Assessment Guidance for Superfund – Volume I Human Health Evaluation Manual (Part A), EPA/540/1-89/002. December.

USEPA. 1991a. Risk Assessment Guidance for Superfund: Volume I - Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals). Office of Emergency and Remedial Response. Washington, D.C.

USEPA. 1991b. EPA Risk Assessment Guidance for Superfund: Volume 1 – Human Health Evaluation Manual Part C, Risk Evaluation of Remedial Alternatives. Office of Emergency and Remedial Response. Washington, D.C.

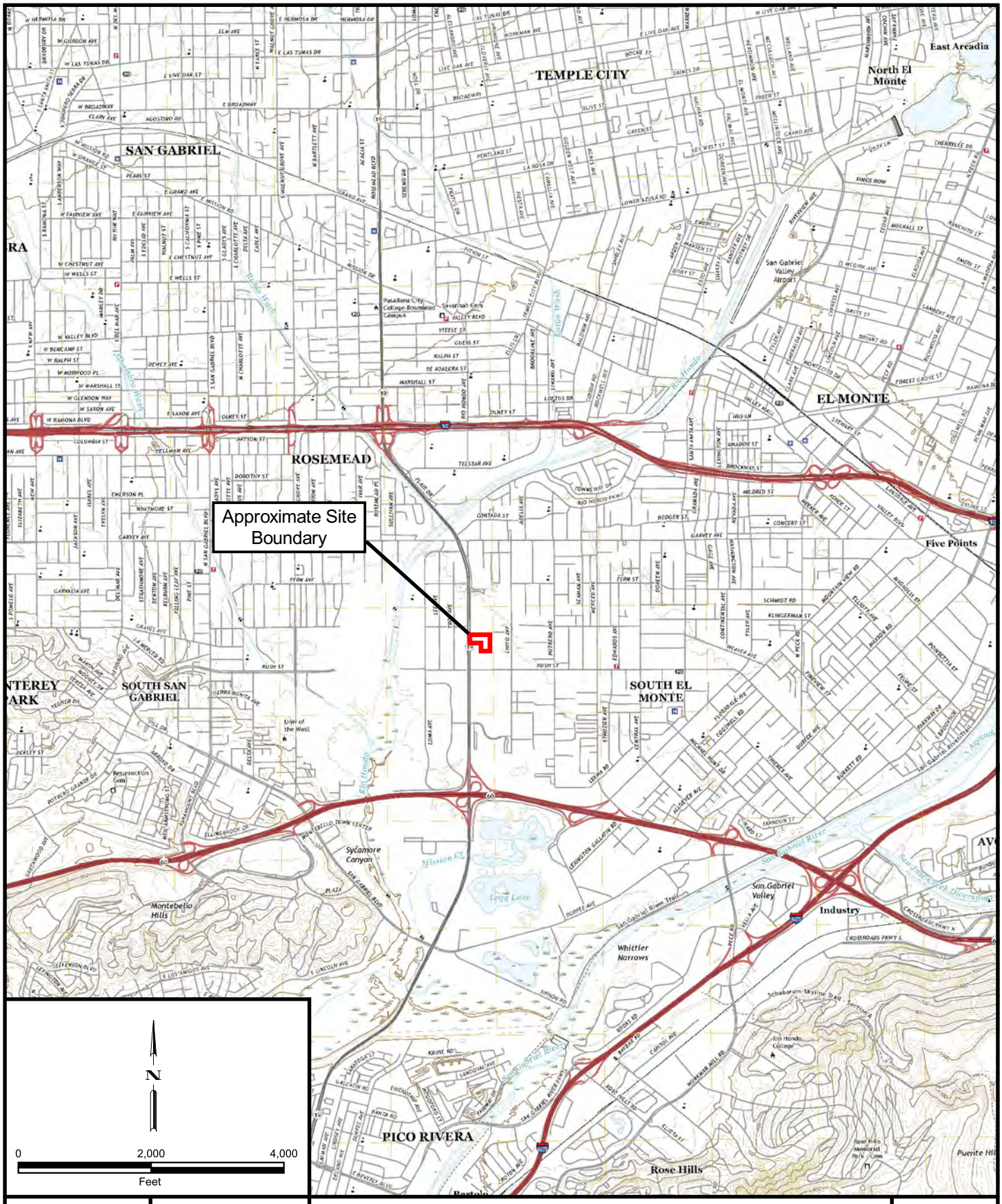
USEPA. 2002. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24. December.

USEPA. 2004. Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. EPA/540/R/99/005.

USEPA. 2019. Integrated Risk Information System (IRIS), http://www.epa.gov/iris.

USEPA. 2021. Region IX, Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. Updated in May.

# FIGURES




| | |
|---|---|
| Project: 13111.001 | Geol/Eng: RJF/MH |
| Scale 1" = 2,000' | Date: Month 2020 |

Basemap: USGS Topographic Map, El Monte Quandrangle 7.5 Minute Series, 2018.

Author: mav

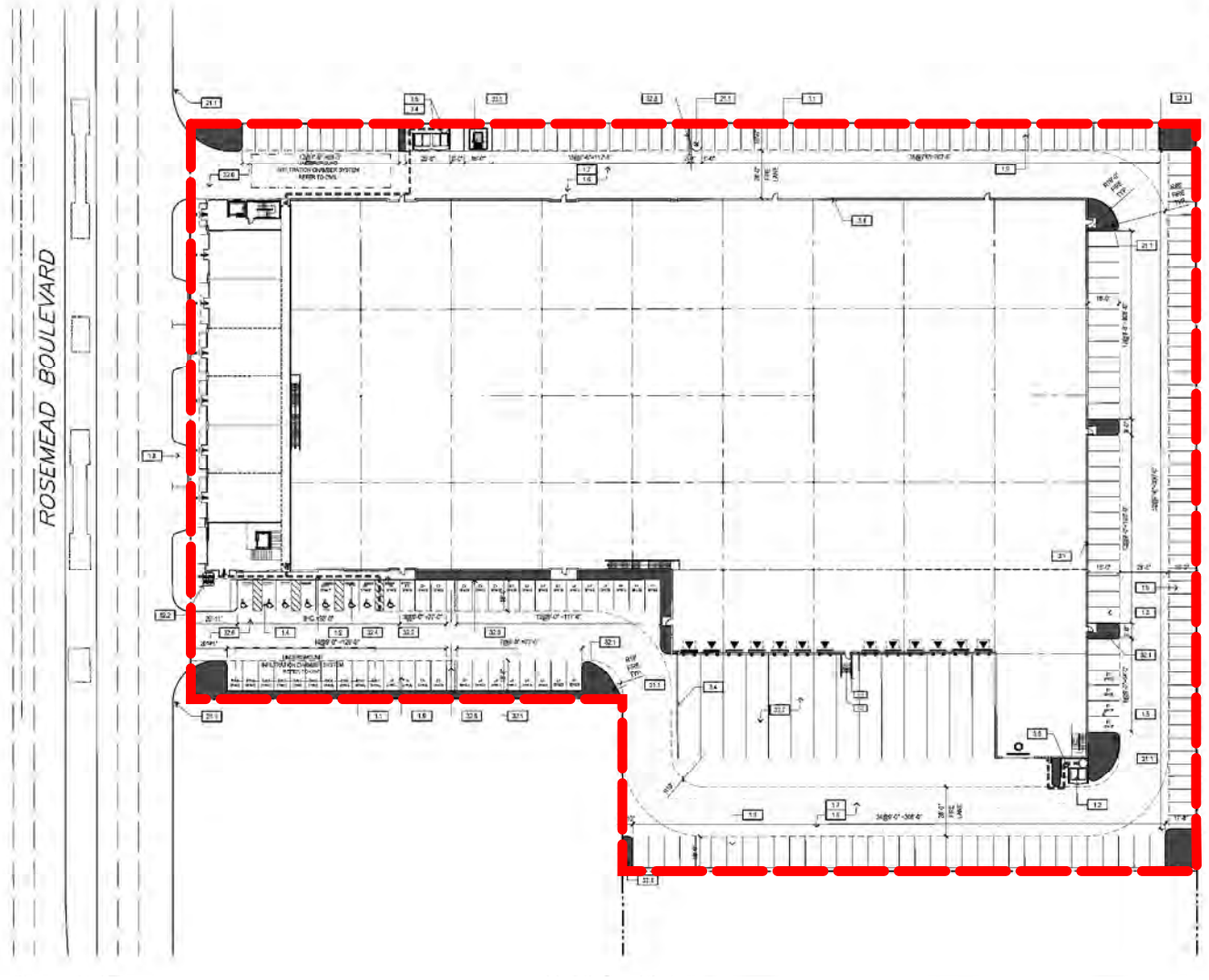
# SITE LOCATION MAP

Rosemead Holding LLC
2200 N. Rosemead Boulevard
South El Monte, California

Figure 1

Leighton

Map Saved as\\ds-irv\project\INFOCUS PROJECTS\13001-13500\13111 Rosemead Holding\001\Geomatics\JulyPlates

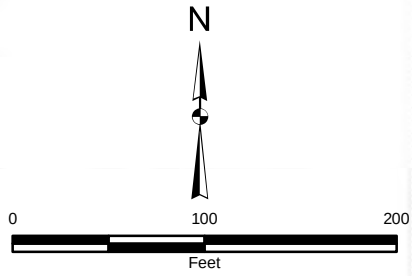



**PROJECT TABULATIONS**

| | | |
|---|---|---|
| **SITE AREA** | | |
| SF | | 223,693 |
| ACRES | | 5.14 |
| **BUILDING AREA** | | |
| Warehouse | | 112,405 |
| Retail | | 8,200 |
| Office | | 1,950 |
| **TOTAL BUILDING FOOTPRINT** | | **122,555** |
| **2ND FLOOR AND MEZZANINE** | | |
| Office | | 8,875 |
| WH Storage | | 14,445 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **23,320** |
| **3RD FLOOR** | | |
| Office | | 9,705 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **9,705** |
| **TOTAL BUILDING AREA** | | **155,580** |
| **COVERAGE** | | **55%** |
| **FAR** | | **69%** |
| **PARKING REQUIRED** | | |
| Office | 1/300 | 67 |
| Retail | 1/300 | 27 |
| Warehouse | 1/1000 | 127 |
| **TOTAL PARKING REQUIRED*** | | **223** |
| **PARKING PROVIDED** | | |
| Full Size Stalls | 9'-0" x 18'-0" | 113 |
| Compact Stalls | 7'-6" x 16'-0" | 114 |
| Parallel Stalls | 9'-0" x 24'-0" | 4 |
| **TOTAL PARKING PROVIDED** | | **228** |
| **PARKING RATIO** | | 1.47/1000 |

| | Required | Provided |
|---|---|---|
| **EV PARKING** | | |
| EV 20% of Total Required Parking | 45 | 45 |
| EVCS 5% of Total Required Parking | 11 | 11 |
| **BICYCLE PARKING** | | |
| Long Term - 5% of Tenant parking | 6 | 6 |
| Short term - 5% of Visitor parking | 4 | 4 |
| DOCK DOORS | | 13 |
| GRADE DOORS | | 1 |

| **LANDSCAPE** | % | Area (S.F.) |
|---|---|---|
| Total Parking Lot Area | | 77,900 |
| Required - 5% of Parking Lot Area | 5.00% | 3,895 |
| Total Landscape Area Provided | 6.20% | 4,832 |




| | |
|---|---|
| Project: 13111.004 | Eng/Geol: RJF |
| Scale: 1 " = 100 ' | Date: October 2022 |
| Base Map: Site Plan by Architecture Design Relationships, 10/14/2022.<br><br>Author: Leighton Geomatics (mmurphy) | |

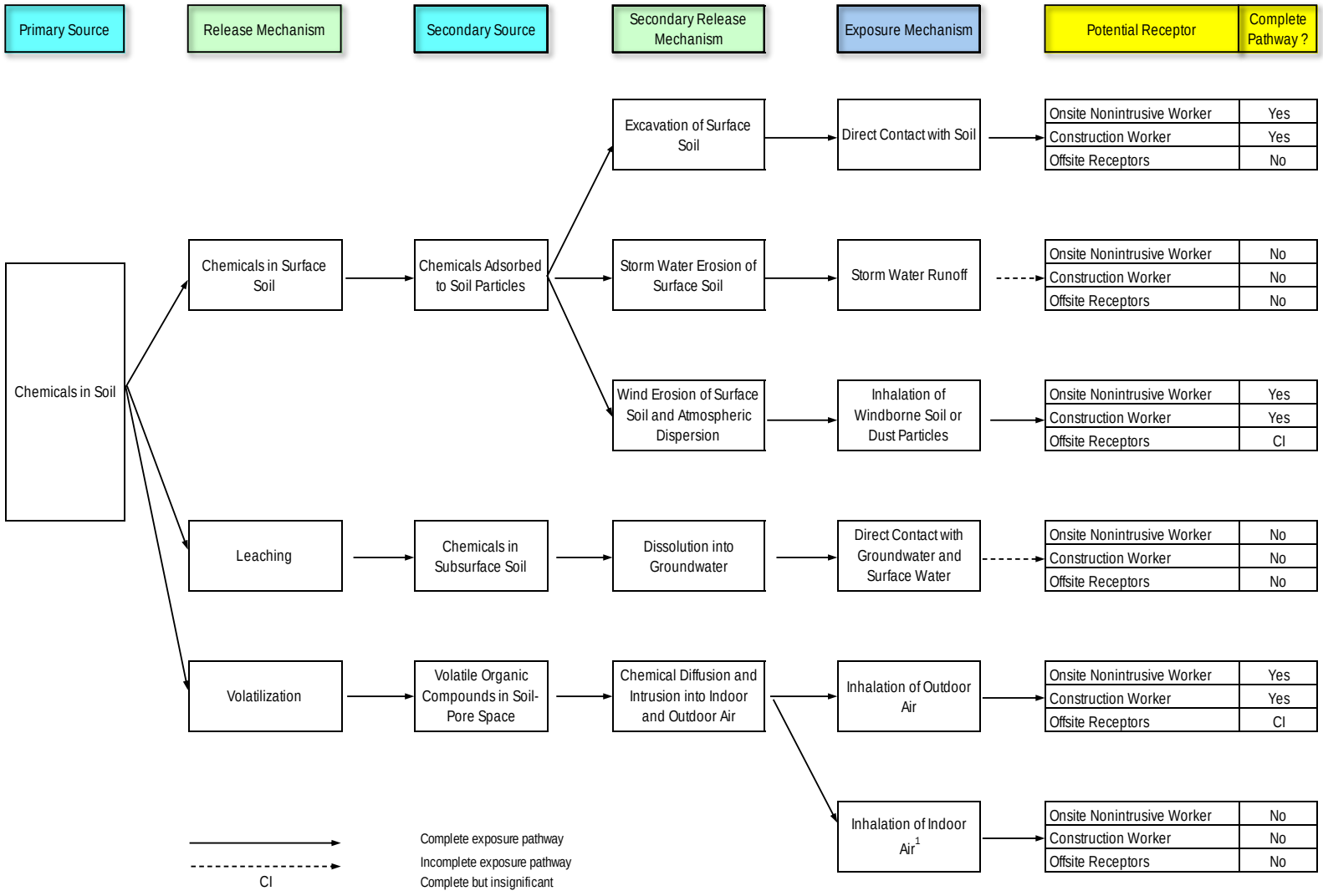
# PROPOSED PHASE 1 SCHEMATIC FOR ROSEMEAD HOLDING LLC DEVELOPMENT ROSEMEAD HOLDING SITE

2222 North Rosemead Boulevard
South El Monte, California

**FIGURE 2**

Leighton

Map Saved as V:\Drafting\13111\004\Maps\13111-004_F02_PS-PH1_2022-10-21.mxd on 10/21/2022 5:05:34 PM




Footnotes:

[1] Vapor intrusion pathway was not evaluated in this PEA because an active soil gas remediation is in place.

ENVIRO-TOX services, inc.

Figure 3

Conceptual Site Model

Date: November 2022

Project Name: Rosemead Holdings PEA

Project Location: South El Monte, California

# TABLES

Table 1 - Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| SB-1 | 2 | 8/22/2020 | EEC | 1.8 J | 11 | 200 | 0.60 | <0.51 | 27 | -- | 13 | 73 | 18 | 0.98 J | 22 | <3.0 | <0.51 | <3.0 | 49 | 74 | <0.13 |
| SB-2 | 2 | 8/22/2020 | EEC | <3.1 | 6.8 | 140 | 0.53 | <0.51 | 18 | -- | 8.7 | 28 | 8.1 | <1.0 | 14 | <3.1 | <0.51 | <3.1 | 38 | 48 | 0.38 |
| SB-3 | 2 | 8/21/2020 | EEC | 1.8 J | 9.6 | 230 | 0.68 | <0.51 | 33 | -- | 15 | 39 | 10 | <1.0 | 28 | <3.1 | <0.51 | <3.1 | 53 | 80 | 0.066 J |
| SB-4 | 2 | 8/21/2020 | EEC | 1.9 J | 7.4 | 200 | 0.64 | <0.51 | 32 | -- | 14 | 42 | 10 | <1.0 | 26 | <3.0 | <0.51 | <3.0 | 50 | 75 | 0.055 J |
| SB-5 | 2 | 8/21/2020 | EEC | <2.9 | 8.6 | 160 | 0.47 J | <0.51 | 24 | -- | 10 | 30 | 7.2 | <0.97 | 20 | <2.9 | <0.49 | <2.9 | 41 | 54 | 0.069 J |
| SB-6 | 2 | 8/22/2020 | EEC | <2.8 | 3.3 | 79 | 0.26 J | <0.46 | 12 | -- | 6.4 | 20 | 6.2 | 0.87 J | 9.5 | <2.8 | <0.46 | <2.8 | 25 | 37 | <0.13 |
| SB-7 | 2 | 8/22/2020 | EEC | <3.0 | 3.9 | 74 | 0.50 | <0.50 | 12 | -- | 5.5 | 9.9 | 4.8 | <0.99 | 7.8 | <3.0 | <0.50 | <3.0 | 33 | 33 | 0.050 J |
| SB-8 | 2 | 8/21/2020 | EEC | 1.7 J | 4.6 | 170 | 0.37 J | <0.49 | 20 | -- | 9.3 | 43 | 25 | <0.97 | 16 | <2.9 | <0.49 | <2.9 | 37 | 65 | 0.14 |
| SB-9 | 2 | 8/21/2020 | EEC | <3.0 | 5.4 | 190 | 0.66 | <0.50 | 30 | -- | 13 | 36 | 8.5 | <0.99 | 23 | <3.0 | <0.50 | <3.0 | 49 | 69 | 0.063 J |
| SB-10 | 5 | 8/21/2020 | EEC | 2.7 J | 18 | 170 | 0.55 | <0.46 | 25 | -- | 10 | 24 | 8.4 | <0.93 | 18 | <2.8 | <0.46 | <2.8 | 47 | 60 | <0.13 |
| SB-10 | 10 | 8/21/2020 | EEC | -- | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | EEC | 19 | 6.4 | 180 | 0.34 J | 1.0 | 88 | -- | 10 | 61 | 2,400 | 11 | 15 | <2.8 | 0.28 J | <2.8 | 37 | 160 | 0.86 |
| SB-11 | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | EEC | 1.7 J | 6.6 | 200 | 0.55 | <0.50 | 26 | -- | 13 | 30 | 8.3 | 0.80 J | 21 | <3.0 | <0.50 | <3.0 | 47 | 65 | 0.074 J |
| SB-13 | 2 | 8/21/2020 | EEC | 29 | 7.9 | 310 | 0.42 J | 0.81 | 110 | -- | 8.1 | 54 | 2,300 | 18 | 16 | <3.2 | 1.4 | <3.2 | 28 | 110 | 0.33 |
| SB-14 | 5 | 8/21/2020 | EEC | <2.8 | 9.7 | 150 | 0.47 | <0.47 | 23 | -- | 9.9 | 25 | 31 | <0.94 | 17 | <2.8 | <0.47 | <2.8 | 39 | 52 | <0.12 |
| SB-15 | 2 | 8/22/2020 | EEC | 4.8 | 7.9 | 110 | 0.23 J | 0.98 | 38 | -- | 7.2 | 38 | 390 | 4.0 | 17 | <3.2 | 0.90 | <3.2 | 24 | 140 | 0.32 |
| SB-15 | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | EEC | 13 | 8.1 | 2,200 | 0.32 J | 15 | 2,000 | -- | 31 | 230 | 13,000 | 91 | 36 | <3.1 | 0.34 J | <3.1 | 31 | 1,100 | 1.1 |
| SB-16 | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-17 | 2 | 8/22/2020 | EEC | 1.6 | 4.8 | 130 | 0.40 J | <0.49 | 19 | -- | 9.7 | 35 | 11 | 5.8 | 16 | <2.9 | <0.49 | <2.9 | 38 | 58 | 0.047 J |
| SB-17 | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | EEC | <3.0 | 1.6 | 29 | 0.19 J | <0.50 | 6.6 | -- | 3.8 | 8.9 | 4.5 | <1.0 | 5.0 | <3.0 | <0.50 | <3.0 | 19 | 24 | 0.076 J |
| SB-19 | 2 | 8/21/2020 | EEC | 79 | 21 | 840 | 0.28 J | 4.0 | 5,100 | -- | 35 | 920 | 26,000 | 480 | 120 | <2.8 | <0.47 | 1.6 J | 12 | 830 | 2.3 |
| SB-19 | 5 | 8/21/2020 | EEC | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | 4.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | EEC | 6.9 | 3.2 | 400 | 0.20 J | 0.13 J | 28 | -- | 6.5 | 23 | 520 | 5.0 | 8.6 | <3.1 | <0.51 | <3.1 | 25 | 74 | 0.081 J |
| SB-20 | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-21 | 2 | 8/21/2020 | EEC | <2.9 | 5.0 | 110 | 0.38 J | <0.48 | 18 | -- | 8.3 | 18 | 5.9 | <0.96 | 14 | <2.9 | <0.48 | <2.9 | 36 | 43 | <0.14 |
| SB-22 | 2 | 8/21/2020 | EEC | <2.8 | 3.3 | 110 | 0.19 J | 0.19 J | 13 | -- | 6.1 | 18 | 50 | <0.94 | 8.4 | <2.8 | <0.47 | <2.8 | 24 | 45 | 0.055 J |
| SB-23 | 2 | 8/21/2020 | EEC | 730 | 23 | 280 | 0.40 J | 5.0 | 180 | -- | 17 | 110 | 4,100 | 36 | 26 | <2.8 | 0.59 | <2.8 | 26 | 540 | 0.91 |
| SB-23 | 5 | 8/21/2020 | EEC | 1.7 J | 4.0 | -- | -- | -- | -- | -- | -- | -- | 5.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | EEC | 4.0 | 5.3 | 110 | 0.37 J | <0.46 | 17 | -- | 7.8 | 22 | 140 | <0.93 | 13 | <2.8 | <0.46 | <2.8 | 35 | 66 | 0.041 J |
| SB-25 | 2 | 8/21/2020 | EEC | 1.6 J | 7.0 | 110 | 0.37 J | <0.47 | 18 | -- | 8.4 | 23 | 110 | <0.93 | 14 | <2.8 | <0.47 | <2.8 | 37 | 100 | 0.097 J |
| SB-26 | 2 | 8/21/2020 | EEC | 1.9 J | 14 | 270 | 0.65 | <0.50 | 30 | -- | 14 | 34 | 9.3 | <0.99 | 24 | <3.0 | <0.50 | <3.0 | 54 | 72 | 0.051 J |
| SB-26 | 5 | 8/21/2020 | EEC | -- | 6.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | EEC | <3.1 | 2.2 | 77 | 0.18 J | 0.12 J | 18 | -- | 5.2 | 15 | 100 | 0.70 J | 14 | <3.1 | 5.1 | <3.1 | 25 | 77 | 0.080 J |
| SB-28 | 2 | 8/21/2020 | EEC | <3.2 | 3.1 | 76 | 0.48 J | <0.53 | 15 | -- | 4.9 | 11 | 15 | 0.94 J | 9.3 | <3.2 | <0.53 | <3.2 | 31 | 34 | 0.11 J |
| SB-29 | 2 | 8/21/2020 | EEC | <2.6 | 2.1 | 74 | 0.16 J | <0.44 | 15 | -- | 4.5 | 9.3 | 47 | <0.88 | 14 | <2.6 | 0.20 J | <2.6 | 27 | 46 | 0.048 J |
| SB-30 | 2 | 8/22/2020 | EEC | <3.3 | 2.7 | 59 | 0.25 J | <0.56 | 8.7 | -- | 3.8 | 9.8 | 6.1 | <0.66 | 7.0 | <3.3 | <3.3 | <3.3 | 20 | 27 | <0.12 |
| SB-31 | 2 | 8/22/2020 | EEC | <2.6 | 5.0 | 85 | 0.67 | <0.43 | 19 | | 9.3 | 32 | 19 | <0.86 | 15 | <2.6 | <0.43 | <2.6 | 44 | 63 | 0.058 J |
| SB-32 | 2 | 8/22/2020 | EEC | <3.3 | 4.3 | 87 | 0.36 J | <0.56 | 12 | | 6.7 | 19 | 12 | <1.1 | 14 | <3.3 | <0.56 | <3.3 | 34 | 49 | 0.055 J |
| SB-33 | 2 | 8/22/2020 | EEC | <2.7 | 6.9 | 170 | 0.55 | <0.45 | 24 | | 11 | 47 | 12 | <0.89 | 18 | <2.7 | <0.45 | <2.7 | 45 | 68 | <0.13 |
| EFI1-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 62.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI2-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 791 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI3-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI4-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 137 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI5-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- |

Table 1 - Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| B1-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 686 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 13.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 36.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 506 | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 41.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 702 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 57.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 71 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.36 | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 34.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92.4 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 19,900 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 662 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 668 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 23.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 15.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9,790 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 111 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 30 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 24.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 170 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4,470 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 52.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1,210 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 775 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 473 | -- | -- | -- | -- | -- | -- | -- | -- |

Table 1 - Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| B14-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 61.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2,330 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 306 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| LV-1-1 | 1 | 06/23/2021 | LCI | <2.91 | <2.43 | 27.8 | <0.243 | <0.485 | 1.84 | -- | <0.971 | 3.4 | <4.85 | <0.485 | 0.491 | <4.85 | <0.971 | <4.85 | 11.1 | <9.71 | 0.19 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <2.97 | 2.71 | 47.8 | <0.248 | <0.495 | 4.06 | -- | 1.8 | 3.18 | <4.95 | <0.495 | 11.5 | <4.95 | <0.990 | <4.95 | 4.21 | <9.90 | <0.0833 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <2.99 | 3.54 | 187 | 0.436 | <0.498 | 10.7 | -- | 5.39 | 14.5 | 12.1 | <0.498 | 24.4 | <4.98 | <0.995 | <4.98 | 16.3 | 19.3 | 0.241 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <2.88 | <2.40 | 51.7 | 0.345 | <0.481 | 8.22 | -- | 4.73 | 7.92 | <4.81 | <0.481 | 7.4 | <4.81 | <0.962 | <4.81 | 17.6 | 22.4 | <0.0820 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <3.16 | 4.84 | 25.4 | <0.263 | <0.526 | 5.58 | -- | 2.66 | 2.47 | <5.26 | <0.526 | 3.88 | <5.26 | <1.05 | <5.26 | 8.13 | 12 | <0.0833 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <2.96 | <2.46 | 52.1 | 0.254 | <0.493 | 7.09 | -- | 8.55 | 5.45 | <4.93 | <0.493 | 6.15 | <4.93 | <0.985 | <4.93 | 13.3 | 18.9 | <0.0877 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <3.02 | <2.51 | 110 | 0.56 | <0.503 | 89.6 | <400 | 22 | 33.9 | <5.03 | <0.503 | 106 | <5.03 | <1.01 | <5.03 | 41.8 | 43.9 | 0.431 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <2.96 | <2.46 | 88.4 | 0.493 | <0.493 | 67.5 | <400 | 14.8 | 22.9 | <4.93 | <0.493 | 69 | <4.93 | <0.985 | <4.93 | 43 | 30.7 | <0.0862 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <3.08 | <2.56 | 71.1 | 0.479 | <0.513 | 80.7 | <400 | 17.8 | 28.3 | <5.13 | <0.513 | 82 | <5.13 | <1.03 | <5.13 | 44.2 | 32.4 | <0.0794 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <3.13 | <2.60 | 76.8 | <2.60 | <0.521 | 6.51 | -- | 3.32 | 6.90 | <0.521 | <0.521 | 5.84 | <5.21 | <1.04 | <5.21 | 12.3 | 16.1 | <0.0847 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <3.00 | 3.94 | 225 | <0.250 | <0.500 | 9.51 | -- | 3.45 | 7.69 | <5.00 | <0.500 | 6.87 | <5.00 | <1.00 | <5.00 | 17.4 | 20.9 | 0.192 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <2.99 | 6.73 | 182 | 0.408 | <0.498 | 12.4 | -- | 7.78 | 18.4 | <4.98 | <0.498 | 12.4 | <4.98 | <0.995 | <4.98 | 27.2 | 38.8 | <0.0820 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <2.94 | 3.4 | 109 | 0.29 | <0.490 | 7.1 | -- | 3.62 | 7.97 | 7.28 | <0.490 | 15.3 | <4.90 | <0.980 | <4.90 | 9.24 | 13.2 | <0.0806 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <2.99 | <2.49 | 84.4 | <0.249 | <0.498 | 6.35 | -- | 2.9 | 7.41 | 6.94 | <0.498 | 14.7 | <4.98 | <0.995 | <4.98 | 8.63 | 12.7 | <0.0820 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <2.96 | 3.51 | 93.7 | 0.25 | <0.493 | 6.69 | -- | 3.13 | 8.33 | 17.5 | <0.493 | 14.3 | <4.93 | <0.985 | <4.93 | 8.68 | 13.3 | 0.085 |
| LV-6-1 | 1 | 06/22/2021 | LCI | <2.88 | 2.4 | 15.2 | <0.240 | <0.481 | 2.47 | -- | 0.991 | 1.13 | <4.81 | <0.481 | 1.54 | <4.81 | <0.481 | <4.81 | 3.35 | <9.62 | 0.116 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <2.91 | <2.43 | 13.7 | <0.243 | <0.485 | 1.95 | -- | <0.971 | <0.971 | <4.85 | <0.485 | 1.05 | <4.85 | <0.971 | <4.85 | 2.42 | <9.71 | <0.0820 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <2.99 | 3.6 | 11.7 | <0.249 | <0.498 | 3.04 | -- | 1.17 | 1.22 | <4.98 | <0.498 | 1.97 | <4.98 | <0.995 | <4.98 | 4.08 | <9.95 | 0.165 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <3.09 | <2.58 | 56.5 | 0.343 | <0.515 | 51.3 | 700 | 11.3 | 21.9 | <5.15 | <0.515 | 48.2 | <5.15 | <1.03 | <5.15 | 31 | 19.6 | <0.0833 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <3.06 | 40.2 | 157 | 0.43 | 1.97 | 18.5 | -- | 16.5 | 1250 | 109 | <0.510 | 12.5 | <5.10 | <1.02 | <5.10 | 30.8 | 1770 | <0.0806 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <3.03 | <2.53 | 102 | 0.717 | <0.505 | 109 | 480 | 21.9 | 34.6 | <5.05 | <0.505 | 97.8 | <5.05 | <1.01 | <5.05 | 68.6 | 38.2 | <0.0862 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2.93 | <2.44 | 36.1 | <0.244 | <0.488 | 3.72 | -- | 3.82 | 5.54 | <4.88 | <0.488 | 6.85 | <4.88 | <0.976 | <4.88 | 6.97 | 13.9 | 0.143 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2.88 | <2.40 | 30.1 | 0.288 | <0.481 | 7.29 | -- | 5.11 | 7.96 | <4.81 | <0.481 | 9.44 | <4.81 | <0.962 | <4.81 | 14.1 | 34.2 | <0.0794 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2.90 | <2.42 | 46.6 | <0.242 | <0.483 | 5.30 | -- | 3.03 | 7.82 | <4.83 | <0.483 | 5.09 | <4.83 | <0.966 | <4.83 | 10.9 | 16.9 | 0.0996 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2.97 | <2.48 | 34.2 | <0.248 | <0.495 | 2.31 | -- | 2.30 | 3.42 | <4.95 | <0.495 | 3.36 | <4.95 | <0.990 | <4.95 | 4.39 | <9.90 | <0.0820 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <2.93 | <2.44 | 144 | 0.573 | <0.488 | 27.6 | -- | 8.40 | 14.2 | 8.62 | <0.488 | 49.5 | <4.88 | <0.976 | <4.88 | 23.1 | 47.2 | <0.0877 |
| LV-9-5 | 5.0 | 06/22/2021 | LCI | <3.00 | 30.0 | 121 | 0.348 | 1.58 | 13.9 | -- | 11.9 | 986 | 93.1 | <0.500 | 9.86 | <5.00 | <1.00 | <5.00 | 24.1 | 1210 | <0.0862 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <3.16 | <2.63 | 87.2 | 0.445 | <0.526 | 66.4 | 3600 | 14.6 | 27.4 | <5.26 | <0.526 | 67.3 | <5.26 | <1.05 | <5.26 | 35.6 | 32.8 | <0.0820 |
| LV-10-1 | 1 | 06/21/2021 | LCI | 12.5 | 3.36 | 434 | <0.258 | 3.22 | 207 | 73000 | 11.20 | 73.2 | 2680.0 | 22.7 | 14.3 | <5.15 | 1.74 | <5.15 | 16 | 293 | 1.22 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.56 | 104 | 0.415 | <0.513 | 14.4 | -- | 8.04 | 18 | <5.13 | <0.513 | 11.6 | <5.13 | <1.03 | <5.13 | 25.8 | 36 | <0.0877 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.5 | 152 | 0.616 | 1.23 | 21.3 | -- | 12.00 | 28.5 | <5.00 | <0.500 | 20.1 | <5.00 | <1.00 | <5.00 | 38.7 | 82.6 | 0.105 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <3.08 | <2.56 | 46.8 | <0.256 | <0.513 | 5.73 | -- | 3.79 | 9.86 | 11.9 | 1.04 | 3.7 | <5.13 | <1.03 | <5.13 | 9.62 | 33.0 | <0.0862 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 131 | 0.565 | <0.485 | 19.1 | -- | 9.52 | 33.9 | <4.85 | <0.485 | 14.5 | <4.85 | <0.971 | <4.85 | 32.6 | 46.4 | <0.0820 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <2.87 | <2.39 | 128 | 0.358 | <0.478 | 14.8 | -- | 7.22 | 18.7 | <4.78 | <0.478 | 10.7 | <4.78 | <0.957 | <4.78 | 26.2 | 33.3 | <0.0877 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <2.85 | <2.36 | 141 | 0.641 | 0.479 | 20.9 | -- | 11.7 | 33 | 47.2 | <0.476 | 17.3 | <4.76 | <0.952 | <4.76 | 41.6 | 47.3 | <0.0877 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.50 | 122 | 0.448 | <0.500 | 15.7 | -- | 9.46 | 21.2 | <5.00 | <0.500 | 13.6 | <5.00 | <1.00 | <5.00 | 31.1 | 42.8 | <0.0877 |

Table 1 - Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| LV-12-1 | 1 | 06/21/2021 | LCI | <3.00 | 5.01 | 95.2 | <0.250 | 1.35 | 12.1 | -- | 10.3 | 21.8 | 166 | 1.06 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0847 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <3.06 | <2.55 | 107 | 0.497 | <0.510 | 18.7 | -- | 8.30 | 24.6 | <5.10 | <0.510 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0833 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <3.13 | <2.51 | 145 | 0.27 | <0.521 | 10.7 | -- | 5.93 | 13.4 | <5.21 | <0.521 | 8.08 | <5.21 | <1.04 | <5.21 | 21.6 | 25.9 | 0.197 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | <2.51 | 145 | 0.533 | <0.503 | 19.3 | -- | 11.40 | 25.3 | <5.03 | <0.503 | 15.9 | <5.03 | <1.01 | <5.03 | 39.6 | 47.8 | <0.0820 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <3.16 | <2.63 | 166 | 0.538 | <0.526 | 18.8 | -- | 11.20 | 25.4 | <5.26 | <0.526 | 16 | <5.26 | <1.05 | <5.26 | 38.7 | 50.1 | 0.0934 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <3.11 | <2.59 | 17.3 | <0.259 | <0.518 | 4.46 | -- | 2.06 | 3.87 | <5.18 | <0.518 | 3.88 | <5.18 | <1.04 | <5.18 | 7.21 | 13.9 | <0.0833 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 82.0 | 0.287 | <0.526 | 8.26 | -- | 4.93 | 11.5 | 8.08 | <0.526 | 9.02 | <5.26 | <1.05 | <5.26 | 15.0 | 27.4 | <0.0847 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <3.02 | <2.51 | 82.8 | 0.320 | <0.503 | 9.41 | -- | 5.37 | 13.8 | 12.7 | <0.503 | 9.84 | <5.03 | <1.01 | <5.03 | 15.7 | 32.4 | 0.134 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <2.93 | <2.44 | 32.6 | <0.244 | <0.488 | 2.54 | -- | 1.52 | 3.56 | <4.88 | <0.488 | 2.49 | <4.88 | <0.976 | <4.88 | 5.03 | 12.1 | 0.201 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <2.99 | 4.61 | 149 | 0.553 | 0.798 | 12.8 | -- | 5.58 | 23.6 | 28.4 | <0.498 | 11.4 | <4.98 | <0.995 | <4.98 | 20.0 | 53.9 | <0.0820 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <3.00 | <2.50 | 200 | <0.250 | <0.500 | 5.42 | -- | 20.4 | 8.46 | <5.00 | <0.500 | 14.1 | <5.00 | <1.00 | <5.00 | 8.77 | 17.5 | 0.195 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <3.09 | <2.58 | 19.5 | <0.258 | <0.515 | 4.20 | -- | 2.62 | 2.97 | <5.15 | <0.515 | 4.33 | <5.15 | <1.03 | <5.15 | 7.75 | 13.2 | 0.0833 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <3.13 | 2.86 | 141 | 0.370 | <0.521 | 11.8 | -- | 6.31 | 19.3 | 18.0 | <0.521 | 10.6 | <5.21 | <1.04 | <5.21 | 21.7 | 43.9 | <0.0877 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 44.8 | <0.263 | <0.526 | 5.19 | -- | 3.48 | 6.20 | <5.26 | <0.526 | 5.27 | <5.26 | <1.05 | <5.26 | 8.38 | 17.1 | 0.120 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <3.02 | <2.51 | 38.2 | <0.251 | <0.503 | 4.87 | -- | 3.49 | 6.96 | <5.03 | <0.503 | 5.01 | <5.03 | <1.01 | <5.03 | 8.77 | 15.6 | <0.0820 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <3.09 | <2.58 | 35.4 | <0.258 | <0.515 | 3.26 | -- | 2.36 | 7.57 | 6.5 | <0.515 | 3.81 | <5.15 | <1.03 | <5.15 | 5.96 | 15.8 | <0.0806 |
| LV-15-1 | 1 | 06/21/2021 | LCI | 13.6 | <2.59 | 135 | 0.384 | 1.08 | 78.3 | 22000 | 8.63 | 54.6 | 1640 | 15.7 | 12.2 | <5.18 | <1.04 | <5.18 | 21.3 | 86.7 | 0.4 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <3.08 | <2.56 | 57.1 | 0.265 | 1.42 | 10.7 | -- | 6.64 | 51.7 | 10 | <0.513 | 7.92 | <5.13 | <1.03 | <5.13 | 17.2 | 56.2 | <0.0847 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <3.02 | 13.5 | 97.6 | 0.426 | <0.503 | 16 | -- | 10.6 | 24.5 | <5.03 | <0.503 | 16.4 | <5.03 | <1.01 | <5.03 | 34.1 | 43.7 | <0.0794 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | 20.5 | 203 | 0.543 | <0.503 | 19.7 | -- | 12.0 | 27.6 | <5.03 | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 42.9 | 51.0 | <0.0820 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <2.97 | <2.48 | 116 | 0.386 | <0.495 | 13.8 | -- | 8.93 | 20.6 | <4.95 | <0.495 | 12.3 | <4.95 | <0.99 | <4.95 | 29.4 | 37.7 | <0.0806 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <2.91 | <2.43 | 67.2 | <0.243 | <0.485 | 5.27 | -- | 10.90 | 11.3 | <4.85 | <0.485 | 4.26 | <4.85 | <0.971 | <4.85 | 11.5 | 19.6 | <0.0820 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | 7.67 | 136 | 0.515 | <0.485 | 17.6 | -- | 8.94 | 27.7 | <4.85 | <0.485 | 13.4 | <4.85 | <0.971 | <4.85 | 30.6 | 41.2 | <0.0833 |
| LV-16-5 | 5.0 | 06/21/2021 | LCI | <2.93 | 6.92 | 141 | 0.389 | <0.488 | 14.1 | -- | 7.75 | 18.6 | <4.88 | <0.488 | 11.4 | <4.88 | <0.976 | <4.88 | 24.9 | 31.8 | <0.0833 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.40 | 55.8 | <0.24 | <0.481 | 7.38 | -- | 4.55 | 9.23 | <4.81 | <0.481 | 6.07 | <4.81 | <0.962 | <4.81 | 15.5 | 20.3 | <0.0847 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <2.91 | <2.43 | 97.2 | 0.345 | <0.485 | 12.1 | -- | 7.57 | 15.1 | <4.85 | <0.485 | 10.1 | <4.85 | <0.971 | <4.85 | 25.5 | 31.2 | <0.0862 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <3.06 | <2.55 | 80.2 | 0.274 | <0.510 | 10.5 | -- | 5.49 | 12.7 | 10.8 | 0.543 | 7.95 | <5.10 | <1.02 | <5.10 | 18.2 | 28.4 | <0.0862 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <2.96 | <2.46 | 83.2 | 0.337 | 0.578 | 10.3 | -- | 6.71 | 19.8 | 9.7 | <0.493 | 7.62 | <4.93 | <0.985 | <4.93 | 22.7 | 49.8 | <0.0794 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.5 | 83.1 | 0.379 | <0.5 | 13.1 | -- | 7.23 | 15.2 | <5.00 | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 23.7 | 30.9 | <0.0862 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 84.4 | <0.243 | <0.485 | 8.4 | -- | 4.55 | 10.9 | <4.85 | <0.485 | 6.28 | <4.85 | <0.971 | <4.85 | 16.1 | 23.2 | <0.0847 |
| LV-17-10 | 10.0 | 06/21/2021 | LCI | <2.93 | <2.44 | 95.8 | 0.503 | <0.488 | 17.8 | -- | 10.7 | 23.8 | <4.88 | <0.488 | 15.1 | <4.88 | <0.976 | <4.88 | 33.9 | 42.4 | <0.0877 |
| LV-18-1 | 1.0 | 06/21/2021 | LCI | <3.11 | <2.59 | 112 | 0.417 | 0.961 | 18.5 | -- | 8.98 | 28.3 | 226.0 | <0.518 | 14.4 | <5.18 | <1.04 | <5.18 | 27.4 | 135 | <0.0820 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <3.00 | <2.5 | 35.4 | <0.25 | <0.500 | 5.06 | -- | 2.74 | 6.88 | <5.0 | <0.5 | 4.2 | <5.00 | <1.00 | <5.00 | 8.09 | 17.4 | <0.0820 |
| LV-18-5 | 5.0 | 06/21/2021 | LCI | <2.96 | <2.46 | 161 | 0.494 | <0.493 | 18 | -- | 9 | 22.9 | <4.93 | <0.493 | 14 | <4.93 | <0.985 | <4.93 | 27.9 | 46.5 | <0.0833 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 156 | 0.584 | <0.526 | 21.6 | -- | 12.3 | 26.7 | <5.26 | <0.526 | 17.5 | <5.26 | <1.05 | <5.26 | 42.3 | 56.5 | <0.0862 |
| LV-18-10 | 10.0 | 06/21/2021 | LCI | <3.02 | <2.51 | 123 | 0.66 | <0.503 | 22.7 | -- | 11.7 | 37.7 | <5.03 | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 41.9 | 50.8 | <0.0862 |
| LV-19-1 | 1.0 | 06/21/2021 | LCI | 2.98 | <2.43 | 99.6 | <0.243 | 1.36 | 23.0 | -- | 5.17 | 27.6 | 631.0 | 1.5 | 8.61 | <4.85 | <0.971 | <4.85 | 13.2 | 133 | <0.0847 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <2.93 | 5.08 | 113 | 0.359 | <0.488 | 13.0 | -- | 7.27 | 25.1 | 41.7 | <0.488 | 10.4 | <4.88 | <0.976 | <4.88 | 24.3 | 59.2 | <0.0847 |
| LV-19-5 | 5.0 | 06/21/2021 | LCI | <3.0 | <2.5 | 121 | 0.38 | <0.5 | 13.8 | -- | 7.39 | 16.5 | <5.00 | <0.500 | 10.7 | <5.00 | <1.00 | <5.00 | 22.5 | 34.5 | <0.0833 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.4 | 92.1 | 0.281 | <.481 | 10.4 | -- | 5.89 | 12.4 | <4.81 | <0.481 | 8.22 | <4.81 | <0.962 | <4.81 | 21 | 27.6 | <0.0847 |
| LV-19-10 | 10.0 | 06/21/2021 | LCI | <3.13 | <2.6 | 196 | 0.796 | 0.95 | 67.6 | 2200 | 12.1 | 83.1 | <5.21 | <0.521 | 20.6 | <5.21 | <1.04 | <5.21 | 75.3 | 72.9 | 0.941 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 71.6 | <0.263 | 0.566 | 22.2 | -- | 4.33 | 24.9 | 125 | 2.15 | 8.49 | <5.26 | <1.05 | <5.26 | 10.6 | 153 | <0.0806 |

-- = not analyzed
J = Estimated value; concentration above the method detection limit but below the reporting limit
mg/kg = milligrams per kilogram
< 2.6 = not detected above the method detection limit or reporting limit
EEC = EEC Environmental
EFI = EFI Global
LCI = Leighton Consulting, Inc.

Table 2 - Soil Analytical Test Results - Polychlorinated Biphenyls
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Results in ug/kg | | | | | | | | |
| SB-1 | 2 | 8/22/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-4 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-10 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-11 | 2 | 8/21/2020 | EEC | <250 | <250 | <250 | <250 | <250 | 1,900 | <250 | <250 | <250 |
| SB-11 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-11 | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-12 | 2 | 8/21/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-13 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 790 H | <50 | <50 | <50 |
| SB-14 | 2 | 8/21/2020 | EEC | <1,200 | <1,200 | <1,200 | <1,200 | <1,200 | 22,000 | <1,200 | <1,200 | <1,200 |
| SB-14 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-14 | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-15 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 290 J | <50 | <50 | <50 |
| SB-16 | 2 | 8/21/2020 | EEC | <1,000 | <1,000 | <1,000 | <1,000 | <1,000 | 22,000 H | <1,000 | <1,000 | <1,000 |
| SB-16 | 5 | 8/21/2020 | EEC | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| SB-17 | 2 | 8/22/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-20 | 2 | 8/21/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-27 | 2 | 8/21/2020 | EEC | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 |
| SB-30 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| B1-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 917 | 380 | ND | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 66.7 | 83.8 | ND | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,870 | 729 | ND | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 193 | ND | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 436 | 216 | ND | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 1,020 | 1,140 | ND | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 98.2 | 78.6 | ND | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 3,990 | 2,140 | ND | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 72.5 | ND | ND | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 282 | ND | ND | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 906 | 129 | ND | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,210 | 181 | ND | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,920 | 2,450 | ND | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 26,200 | 368 | ND | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 414 | ND | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 30,600 | 2,630 | ND | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 75.7 | ND | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 1,170 | ND | ND | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 162 | ND | ND | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 5,890 | 354 | ND | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 752 | 337 | ND | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |

Table 2 - Soil Analytical Test Results - Polychlorinated Biphenyls
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B15-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 116 | ND | ND | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 278 | 96.4 | ND | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 265 | 117 | ND | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| LV-1-1 | 1 | 06/23/2021 | LCI | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | 69 | 210 | 89 | <50 | <50 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | 73 | <50 | <50 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 13,000 | 15,000 | 4,000 | <2500 | <2500 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 1,300 | 1,600 | <2500 | <2500 | <2500 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | 250 | 720 | <50 | <50 | <50 |
| LV-9-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 1,400 | 370 | <50 | <50 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 340 | 110 | <50 | <50 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

Table 2 - Soil Analytical Test Results - Polychlorinated Biphenyls
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | 580 | 260 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-18-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 110 | 100 | <50 | <50 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-5 | 5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

Notes:
-- = not analyzed
< "X" = not detected above the method detection limit or reporting limit "X"
EEC = EEC Environmental
EFI = EFI Global
J = Estimated value; concentration above the method detection limit but below the reporting limit
LCI = Leighton Consulting, Inc.
ug/kg = micrograms per kilogram

Table 3 - Soil Analytical Test Results - Total Petroleum Hydrocarbons
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | TPH (mg/kg) | | |
|---|---|---|---|---|
| | | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| SB-1 | 2 | <10 | <10 | 49 |
| SB-1 | 5 | <10 | <10 | 8.9 |
| SB-2 | 2 | <10 | <10 | 16 |
| SB-2 | 5 | <10 | <10 | <10 |
| SB-3 | 10 | <10 | <10 | <10 |
| SB-4 | 2 | <10 | <10 | 22 |
| SB-4 | 5 | <9.9 | <9.9 | 32 |
| SB-5 | 2 | <10 | <10 | 70 |
| SB-5 | 5 | <10 | <10 | 4.9 |
| SB-6 | 2 | <10 | <10 | <10 |
| SB-6 | 5 | <10 | <10 | <10 |
| SB-7 | 2 | <20 | <20 | 50 |
| SB-7 | 5 | <10 | 4.5 | <10 |
| SB-8 | 2 | <50 | 100 | 1400 |
| SB-8 | 5 | <9.9 | <9.9 | 5.7 |
| SB-9 | 2 | <10 | <10 | <10 |
| SB-9 | 5 | <10 | <10 | 4.5 |
| SB-10 | 2 | <110 | 180 | 850 |
| SB-10 | 5 | <10 | <10 | 12 |
| SB-11 | 2 | 27 | 350 | 1100 |
| SB-11 | 5 | <10 | 4.2 | <10 |
| SB-12 | 2 | <10 | <10 | <10 |
| SB-12 | 5 | <10 | <10 | <10 |
| SB-13 | 2 | <50 | 80 | 390 |
| SB-13 | 5 | <10 | <10 | <10 |
| SB-13 | 10 | <10 | <10 | <10 |
| SB-14 | 2 | <10 | 1400 | 4500 |
| SB-14 | 5 | <10 | <10 | <10 |
| SB-15 | 2 | <10 | <10 | <10 |
| SB-15 | 5 | <10 | <10 | <10 |
| SB-16 | 2 | <10 | 4900 | 13000 |
| SB-16 | 5 | <10 | <10 | <10 |
| SB-17 | 2 | <10 | <10 | 5.5 |
| SB-17 | 5 | 8.2 | 50 | 130 |
| SB-18 | 2 | <10 | 5.3 | 17 |
| SB-18 | 5 | <10 | <10 | 6.7 |
| SB-19 | 2 | 9.4 | 58 | 98 |
| SB-19 | 5 | <10 | <10 | <10 |
| SB-20 | 2 | 150 | 510 | 960 |
| SB-20 | 5 | <10 | <10 | <10 |
| SB-21 | 2 | <10 | 35 | 51 |
| SB-21 | 5 | 240 | 1500 | 1700 |
| SB-21 | 10 | <10 | 9.7 | 6.5 |
| SB-22 | 2 | <10 | <10 | <10 |
| SB-22 | 5 | <10 | <10 | 6.8 |
| SB-23 | 2 | 2600 | 8500 | 33000 |
| SB-23 | 5 | <9.9 | 4.5 | 18 |
| SB-24 | 2 | <20 | <20 | 74 |
| SB-24 | 5 | <10 | <10 | 10 |
| SB-25 | 2 | <10 | <10 | 16 |
| SB-25 | 5 | <10 | <10 | 9.7 |
| SB-26 | 2 | <10 | 16 | 37 |

Table 3 - Soil Analytical Test Results - Total Petroleum Hydrocarbons
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | TPH (mg/kg) | | |
|---|---|---|---|---|
| | | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| SB-26 | 5 | <50 | <50 | 130 |
| SB-27 | 2 | <10 | 40 | 400 |
| SB-27 | 5 | <10 | <10 | 8.6 |
| SB-28 | 2 | <100 | <100 | 300 |
| SB-28 | 5 | <10 | <10 | 11 |
| SB-29 | 2 | <10 | <10 | 17 |
| SB-29 | 5 | <10 | <10 | 8.5 |
| SB-30 | 2 | <20 | <20 | 70 |
| SB-30 | 5 | <10 | <10 | 11 |
| SB-31 | 2 | <50 | <50 | 98 |
| SB-31 | 5 | <10 | <10 | 14 |
| SB-32 | 2 | <200 | <200 | 930 |
| SB-32 | 5 | <10 | <10 | 11 |
| SB-33 | 2 | <10 | 4.5 | 14 |
| SB-33 | 5 | <10 | <10 | 10 |
| LV-1-1 | 1 | <0.097 | <4.9 | 5.7 |
| LV-1-5 | 5 | <0.091 | <5 | 6.1 |
| LV-1-10 | 10 | <0.099 | <5 | <5 |
| LV-2-1 | 1 | <0.085 | 9.4 | 33 |
| LV-2-5 | 5 | <0.079 | <5 | <5 |
| LV-2-10 | 10 | <0.12 | <5 | 8 |
| LV-3-1 | 1 | <0.063 | <50 | 360 |
| LV-3-5 | 5 | <0.075 | <4.9 | 7.2 |
| LV-3-10 | 10 | <0.097 | <4.9 | 5.6 |
| LV-3-10-DUP | 10 | <0.073 | -- | -- |
| LV-4-1 | 1 | 1.1 | 42 | 240 |
| LV-4-5 | 5 | <0.09 | 7 | 8.7 |
| LV-4-10 | 10 | <0.078 | 6.1 | 6.9 |
| LV-5-1 | 1 | <0.092 | <4.9 | <4.9 |
| LV-5-5 | 5 | <0.085 | <5 | 7 |
| LV-5-10 | 10 | <0.1 | <4.9 | 8.9 |
| LV-5-10-DUP | 10 | <0.11 | -- | -- |
| LV-6-1 | 1 | <0.1 | 9.3 | 57 |
| LV-6-5 | 5 | <0.087 | <5 | 7 |
| LV-6-10 | 10 | <0.088 | <4.9 | <4.9 |
| LV-7-1 | 1 | 6.9 | 3900 | 13000 |
| LV-7-5 | 5 | <0.074 | <5 | 8.5 |
| LV-7-10 | 10 | <0.078 | <5 | 8.9 |
| LV-8-1 | 1 | 1.5 | 1800 | 6000 |
| LV-8-3 | 3 | -- | 390 | 1200 |
| LV-8-5 | 5 | <0.086 | 13 | 18 |
| LV-8-10 | 10 | <0.12 | <5 | 5 |
| LV-9-1 | 1 | <0.081 | 51 | 880 |
| LV-9-5 | 5 | <0.077 | <5 | 5.7 |
| LV-9-10 | 10 | <0.1 | <5 | 6 |
| LV-9-10-DUP | 10 | <0.076 | -- | -- |
| LV-10-1 | 1 | <0.096 | 530 | 760 |
| LV-10-5 | 5 | <0.087 | <5.1 | 10 |
| LV-10-10 | 10 | <0.076 | <4.8 | <4.8 |
| LV-11-1 | 1 | <0.074 | <5 | <5 |
| LV-11-1-DUP | 1 | <0.074 | -- | -- |

Table 3 - Soil Analytical Test Results - Total Petroleum Hydrocarbons
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | TPH (mg/kg) | | |
|---|---|---|---|---|
| | | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| LV-11-2.5 | 2.5 | -- | 7.5 | <5.1 |
| LV-11-5 | 5 | 0.19 | <4.9 | <4.9 |
| LV-11-7.5 | 7.5 | -- | <4.9 | <4.9 |
| LV-11-10 | 10 | <0.09 | <5.2 | <5.2 |
| LV-12-1 | 1 | <0.067 | 5.1 | <4.7 |
| LV-12-2.5 | 2.5 | -- | <5.2 | <5.2 |
| LV-12-5 | 5 | <0.081 | <4.8 | <4.8 |
| LV-12-7.5 | 7.5 | -- | <5 | <5 |
| LV-12-10 | 10 | <0.077 | <5 | <5 |
| LV-13-1 | 1 | 0.17 | 27 | 22 |
| LV-13-2.5 | 2.5 | -- | <5 | 17 |
| LV-13-5 | 5 | <0.09 | 8 | 11 |
| LV-13-7.5 | 7.5 | -- | <4.8 | <4.8 |
| LV-13-10 | 10 | <0.1 | 10 | 14 |
| LV-14A-1 | 1 | 0.16 | 530 | 1500 |
| LV-14A-2.5 | 2.5 | -- | 19 | 32 |
| LV-14A-5 | 5 | <0.087 | 15 | 16 |
| LV-14A-7.5 | 7.5 | -- | 10 | 13 |
| LV-14A-10 | 10 | <0.092 | 5.1 | 7.1 |
| LV-14B-2 | 2 | -- | 160 | 440 |
| LV-15-1 | 1 | <0.071 | 23 | 120 |
| LV-15-2.5 | 2.5 | -- | <5 | 29 |
| LV-15-5 | 5 | <0.089 | <4.9 | <4.9 |
| LV-15-7.5 | 7.5 | -- | <5.2 | <5.2 |
| LV-15-10 | 10 | <0.096 | <4.9 | <4.9 |
| LV-16-1 | 1 | <0.07 | 8.4 | 5.3 |
| LV-16-2.5 | 2.5 | -- | <5.2 | 83 |
| LV-16-5 | 5 | <0.86 | 6.2 | 7.5 |
| LV-16-7.5 | 7.5 | -- | <5.2 | <5.2 |
| LV-16-10 | 10 | <0.097 | <4.9 | <4.9 |
| LV-17-1 | 1 | <0.11 | 20 | 120 |
| LV-17-2.5 | 2.5 | -- | 2400 | 7300 |
| LV-17-5 | 5 | 270 | 800 | 2900 |
| LV-17-7.5 | 7.5 | -- | 14 | 63 |
| LV-17-10 | 10 | <0.099 | <4.7 | 11 |
| LV-18-1 | 1 | <0.091 | 9.7 | 120 |
| LV-18-2.5 | 2.5 | -- | <4.9 | 46 |
| LV-18-5 | 5 | <0.089 | <5 | <5 |
| LV-18-7.5 | 7.5 | -- | 6.9 | 8 |
| LV-18-10 | 10 | <0.1 | 7.1 | 9.8 |
| LV-18-10-DUP | 10 | <0.083 | -- | -- |
| LV-19-1 | 1 | <0.085 | 11 | 84 |
| LV-19-2.5 | 2.5 | -- | 8 | 63 |
| LV-19-5 | 5 | <0.078 | <4.9 | 9.3 |
| LV-19-7.5 | 7.5 | -- | 5.4 | 8.6 |
| LV-19-10 | 10 | <0.092 | 7.8 | 16 |

Notes:
-- = not analyzed
< "X" = not detected above the method detection limit or reporting limit "X"
mg/kg = milligrams per kilogram

Table 4 - Soil Analytical Test Results - Volatile Organic Compounds
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethene, cis | 1,2-Dichloroethene, trans | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 2-Butanone | 4-Methyl-2-Pentanone | Acetone | Benzene | Bromomethane | Ethylbenzene | Isopropylbenzene | MTBE | Naphthalene | Tetrachloroethene | Toluene | Trichloroethene | Vinyl Chloride | Xylenes, total |
| HP-2 | 10 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | <91 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 5.3 | <4.5 | <4.5 | <4.5 | <4.5 |
| HP-3 | 10 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <130 | <6.6 | <130 | 1 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | 14 | <6.6 | 1.7 | <6.6 | <6.6 |
| HP-4 | 10 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 0.94 | <5.3 | <5.3 | 0.35 |
| SB-1 | 2 | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 4.1 | <3.9 | <78 | 3.7 | <3.9 | 0.47 | <3.9 | <3.9 | 0.21 | 0.4 | 2.5 | <3.9 | <3.9 | 0.99 |
| SB-1 | 5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 3.7 | <4.5 | <89 | 0.57 | <4.5 | 0.21 | <4.5 | <4.5 | 0.16 | <4.5 | 0.22 | <4.5 | <4.5 | 1.1 |
| SB-2 | 2 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 15 | <4.9 | 110 | 9.2 | <4.9 | 0.89 | <4.9 | <4.9 | 0.37 | <4.9 | 5.9 | <4.9 | <4.9 | 1.5 |
| SB-2 | 5 | <5 | <5 | <5 | <5 | <5 | <5 | 8.7 | <5 | 68 | 9.8 | <5 | 0.61 | <5 | <5 | <5 | <5 | 4.6 | <5 | <5 | 0.91 |
| SB-3 | 10 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 1.5 | <4.5 | <91 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.91 | <4.5 | <4.5 | <4.5 |
| SB-4 | 2 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 10 | <4.8 | 63 | 6.4 | <4.8 | 0.49 | <4.8 | <4.8 | <4.8 | <4.8 | 3.2 | <4.8 | <4.8 | 1.2 |
| SB-4 | 5 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 | <4.2 | <4.2 | 11 | <4.2 | 0.36 | <4.2 | <4.2 | <4.2 | <4.2 | 4 | <4.2 | <4.2 | 0.77 |
| SB-5 | 2 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 15 | 1.7 | 140 | 13 | <5.3 | 2.5 | <5.3 | <5.3 | <5.3 | 1.5 | 25 | 0.26 | <5.3 | 8.4 |
| SB-5 | 5 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 4.3 | <4.9 | <4.9 | 0.96 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 0.35 | 8 | <4.9 | <4.9 | <4.9 |
| SB-6 | 2 | <3.9 | <3.9 | <3.9 | <3.9 | 0.27 | <3.9 | 8.7 | <3.9 | 77 | 7.8 | <3.9 | 1.1 | <3.9 | <3.9 | 0.19 | 0.59 | 6.3 | <3.9 | <3.9 | 1.8 |
| SB-6 | 5 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 7.5 | <6.4 | <6.4 | 2.9 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 0.64 | 0.65 | 1 | <6.4 | <6.4 |
| SB-7 | 2 | <5 | <5 | <5 | <5 | 1.6 | <5 | 15 | <5 | 92 | <5 | 3 | <5 | <5 | <5 | <5 | 0.4 | 0.22 | <5 | <5 | 0.24 |
| SB-7 | 5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 9.2 | <4.5 | 130 | 5.8 | 2.3 | 0.77 | <4.5 | <4.5 | <4.5 | 7.1 | 4.5 | 2.9 | <4.5 | 1.1 |
| SB-8 | 2 | <4 | <4 | <4 | <4 | 3.8 | 2.5 | 28 | <4 | 190 | 4.9 | <4 | 1.4 | 0.95 | <4 | 0.59 | 0.35 | 3.7 | 1.2 | <4 | 3.9 |
| SB-8 | 5 | <4.1 | <4.1 | <4.1 | <4.1 | 0.33 | <4.1 | 8.8 | <4.1 | 50 | 13 | <4.1 | 1.9 | <4.1 | <4.1 | 0.17 | 0.87 | 11 | 0.74 | <4.1 | 2.9 |
| SB-9 | 2 | <4.8 | <4.8 | <4.8 | <4.8 | 0.3 | <4.8 | 18 | <4.8 | 120 | 14 | <4.8 | 1.4 | <4.8 | <4.8 | <4.8 | <4.8 | 9.3 | 0.3 | <4.8 | 2.1 |
| SB-9 | 5 | <5.1 | <5.1 | <5.1 | <5.1 | 0.3 | <5.1 | 5.5 | 0.74 | <5.1 | 4.2 | <5.1 | 0.93 | <5.1 | <5.1 | 0.3 | <5.1 | 4.4 | <5.1 | <5.1 | 1.8 |
| SB-10 | 2 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | 17 | 0.69 | 190 | 8 | 2.8 | 1.2 | <5.6 | <5.6 | 0.24 | 1.3 | 6.3 | 2.8 | <5.6 | 3.1 |
| SB-10 | 5 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 7.2 | <4.9 | <98 | 6.7 | <4.9 | 1.3 | <4.9 | <4.9 | <4.9 | <4.9 | 6.2 | <4.9 | <4.9 | 2.2 |
| SB-11 | 2 | 46 | <240 | 640 | 36 | 1100 | 610 | 880 | 1300 | 1,400 B, | 15 | 200 | 330 | 47 | <240 | 360 | 230 | 5700 | 390 | 100 | 2800 |
| SB-11 | 5 | 0.74 | <4.2 | 3.7 | <4.2 | 0.43 | <4.2 | 12 | 6.2 | 75 | 8.6 | <4.2 | 2 | <4.2 | 0.85 | <4.2 | <4.2 | 8.8 | 2.4 | 0.94 | 3.3 |
| SB-12 | 2 | <4.4 | <4.4 | 2.4 | <4.4 | 0.85 | <4.4 | 10 | <4.4 | 49 | 20 | <4.4 | 4.5 | 0.43 | <4.4 | 0.77 | <4.4 | 20 | 1.7 | <4.4 | 8 |
| SB-12 | 5 | 0.39 | <3.6 | 8.8 | <3.6 | <3.6 | <3.6 | 8.2 | <3.6 | 48 | 5.9 | <3.6 | 0.48 | <3.6 | <3.6 | <3.6 | 0.48 | 3.2 | 6 | <3.6 | 0.23 |
| SB-13 | 2 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 20 | <4.8 | 200 | 1.4 | <4.8 | <4.8 | 78 | <4.8 | <4.8 | 1.1 | 1.5 | 2.6 | <4.8 | <4.8 |
| SB-13 | 5 | <4.5 | <4.5 | 1.5 | <4.5 | <4.5 | <4.5 | 13 | <4.5 | 110 | 9.2 | <4.5 | 1.4 | 2.1 | <4.5 | <4.5 | <4.5 | 6.6 | 2.1 | <4.5 | 2.3 |
| SB-13 | 10 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 5.1 | <4.5 | <91 | 3.3 | <4.5 | 0.53 | <4.5 | <4.5 | <4.5 | <4.5 | 2.4 | <4.5 | <4.5 | 0.29 |
| SB-14 | 2 | 2.4 | 0.23 | <6 | <6 | <6 | <6 | 32 | 5.4 | 170 | 0.59 | <6 | 0.63 | <6 | <6 | 1.4 | 18 | 0.81 | 8.9 | <6 | 1.5 |
| SB-14 | 5 | 3.7 | <5.1 | 2 | <5.1 | 12 | 7.6 | 52 | 6.7 | 310 | 5.6 | 0.37 | 100 | 4.2 | <5.1 | <5.1 | 32 | 7.6 | 6.5 | <5.1 | 100 |
| SB-15 | 2 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 11 | <5.3 | 70 | 0.7 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 0.66 | 0.79 | 3.2 | <5.3 | <5.3 |
| SB-15 | 5 | <6 | <6 | <6 | <6 | <6 | <6 | 10 | <6 | 82 | 0.69 | <6 | <6 | <6 | <6 | <6 | <6 | <6 | <6 | <6 | <6 |
| SB-16 | 2 | 0.63 | <4.6 | <4.6 | <4.6 | 15 | 8.4 | 21 | <4.6 | 160 | 1.4 | <4.6 | 48 | 4 | <4.6 | 3.4 | 1.9 | 11 | 0.61 | <4.6 | 57 |
| SB-16 | 5 | 0.51 | <4.7 | 0.65 | <4.7 | 0.92 | 0.42 | 7.8 | <4.7 | <94 | 9.7 | <4.7 | 2.7 | <4.7 | <4.7 | <4.7 | <4.7 | 9.2 | <4.7 | <4.7 | 6.3 |
| SB-17 | 2 | 34 | <4.1 | 5 | <4.1 | 31 | 12 | 72 | 16 | 500 | 1.3 | <4.1 | 120 | 2.1 | 8.9 | 3.6 | 3.3 | 43 | 13 | 1.1 | 99 |
| SB-17 | 5 | 4.3 | <5.3 | 1.1 | <5.3 | 8.5 | 3.3 | 19 | 2.6 | 150 | 9.9 | <5.3 | 53 | 0.76 | 15 | 1.4 | <5.3 | 14 | 1 | 0.54 | 40 |
| SB-18 | 2 | 15 | <5.3 | 48 | <5.3 | 0.52 | <5.3 | 17 | <5.3 | 110 | 7.6 | <5.3 | 1.2 | <5.3 | <5.3 | <5.3 | 63 | 5.7 | 130 | 0.51 | 2.4 |
| SB-18 | 5 | 6.1 | <5 | 22 | <5 | <5 | <5 | 5.8 | <5 | <100 | 4.6 | <5 | 0.64 | <5 | <5 | <5 | 4.1 | 3.3 | 15 | 0.94 | 0.33 |
| SB-19 | 2 | 21 | <7.8 | 8.6 | 0.82 | 8.3 | 4 | 17 | 4.4 | 210 | 21 | <7.8 | 23 | 1.9 | <7.8 | <7.8 | 1.1 | 65 | 3 | 30 | 83 |

Table 4 - Soil Analytical Test Results - Volatile Organic Compounds
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethene, cis | 1,2-Dichloroethene, trans | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 2-Butanone | 4-Methyl-2-Pentanone | Acetone | Benzene | Bromomethane | Ethylbenzene | Isopropylbenzene | MTBE | Naphthalene | Tetrachloroethene | Toluene | Trichloroethene | Vinyl Chloride | Xylenes, total |
| SB-19 | 5 | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | 5 | <4.6 | <93 | 3.3 | <4.6 | 1.5 | <4.6 | <4.6 | <4.6 | <4.6 | 6.2 | <4.6 | <4.6 | 4.7 |
| SB-20 | 2 | 3.1 | <100 | 1.2 | 0.43 | 100 | 30 | 23 | <100 | <100 | 4.4 | 2.5 | 40 | 6.3 | <100 | 5.8 | 0.3 | 55 | 1.5 | 10 | 60 |
| SB-20 | 5 | <5 | <5 | <5 | <5 | 1.5 | 0.58 | 7.3 | <5 | 58 | 1.1 | <5 | <5 | <5 | <5 | 2.1 | <5 | 0.66 | <5 | <5 | <5 |
| SB-21 | 2 | <5 | <5 | <5 | <5 | 0.8 | <5 | 42 | 46 | 180 | <5 | <5 | <5 | <5 | <5 | 1 | <5 | 0.7 | <5 | <5 | 1.6 |
| SB-21 | 5 | <1000 | <1000 | 110 | <1000 | 13000 | 3500 | 380 | <1000 | <20000 | 110 | <1000 | 12000 | 1200 | <1000 | 730 | 4100 | 49000 | 1200 | <1000 | 75000 |
| SB-21 | 10 | 3.2 | <4.8 | 0.38 | <4.8 | 1 | 0.25 | 17 | <4.8 | 57 | 2.6 | <4.8 | 3.4 | <4.8 | 0.36 | 0.49 | 0.3 | 5.8 | 0.3 | 1.2 | 14 |
| SB-22 | 2 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | 5.6 | <4.4 | <88 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | 0.63 | <4.4 | <4.4 | <4.4 |
| SB-22 | 5 | <5.2 | <5.2 | <5.2 | <5.2 | 1 | 0.33 | 8.8 | 0.82 | 67 | 13 | <5.2 | 3.7 | 0.34 | <5.2 | 0.66 | <5.2 | 16 | <5.2 | <5.2 | <5.2 |
| SB-23 | 2 | <1500 | <1500 | <1500 | <1500 | 33000 | 9900 | 1800 | 3200 | <30000 | <1500 | ND,1,500 | 4100 | 500 | <1500 | 6300 | 69 | 2400 | <1500 | <1500 | 33000 |
| SB-23 | 5 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 7.1 | <5.7 | <110 | 7.1 | <5.7 | 1.1 | <5.7 | <5.7 | 0.31 | <5.7 | 5.6 | <5.7 | <5.7 | 2.1 |
| SB-24 | 2 | <5.8 | <5.8 | <5.8 | <5.8 | 0.39 | <5.8 | 14 | <5.8 | <5.8 | 9.5 | <5.8 | 1.3 | <5.8 | <5.8 | 0.19 | 2.2 | 8.4 | <5.8 | <5.8 | 2.1 |
| SB-24 | 5 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | 6.6 | <5.6 | <110 | 8.2 | <5.6 | 1.1 | <5.6 | <5.6 | <5.6 | 0.98 | 6.3 | <5.6 | <5.6 | 1.9 |
| SB-25 | 2 | <4.9 | <4.9 | <4.9 | <4.9 | 0.3 | <4.9 | 10 | <4.9 | 90 | 1.6 | <4.9 | 49 | 0.68 | <4.9 | 0.4 | 0.38 | <4.9 | <4.9 | <4.9 | 230 |
| SB-25 | 5 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 3.2 | <4.8 | <96 | 0.89 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 1.5 | 0.5 | <4.8 | <4.8 | <4.8 |
| SB-26 | 2 | <7.1 | <7.1 | <7.1 | <7.1 | 0.5 | <7.1 | 14 | <7.1 | 110 | 14 | <7.1 | 1.9 | <7.1 | <7.1 | <7.1 | 44 | 11 | 3.3 | <7.1 | 2.8 |
| SB-26 | 5 | <6.8 | <6.8 | <6.8 | <6.8 | 0.54 | <6.8 | 35 | 1.1 | <100 | 3.7 | <6.8 | 0.41 | <6.8 | <6.8 | <6.8 | 10 | 3.4 | 0.83 | <6.8 | 1.3 |
| SB-27 | 2 | <4.8 | <4.8 | 0.22 | <4.8 | <4.8 | <4.8 | 5.1 | <4.8 | <96 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 5.7 | 0.32 | 7.5 | <4.8 | <4.8 |
| SB-27 | 5 | 1.6 | <5.4 | 2.5 | <5.4 | 0.35 | <5.4 | 6.8 | 0.19 | <5.4 | 9.8 | 2.6 | 1.6 | <5.4 | <5.4 | 0.24 | 6.3 | 7.9 | 10 | <5.4 | 2.6 |
| SB-28 | 2 | 0.62 | <6 | 2.4 | <6 | <6 | <6 | 5.7 | 0.21 | <120 | <6 | 2.9 | <6 | <6 | <6 | <6 | 52 | 0.54 | 21 | <6 | <6 |
| SB-28 | 5 | 0.23 | <4.2 | 2.3 | <4.2 | <4.2 | <4.2 | 3.3 | <4.2 | <83 | 4 | <4.2 | 0.73 | <4.2 | <4.2 | 0.19 | 24 | 3.7 | 3.7 | <4.2 | 1.2 |
| SB-29 | 2 | <4.3 | <4.3 | 0.21 | <4.3 | <4.3 | <4.3 | 26 | <4.3 | 130 | 0.38 | 2 | 0.29 | <4.3 | <4.3 | 0.15 | 140 | 0.41 | 11 | <4.3 | 1.3 |
| SB-29 | 5 | 0.39 | <6.1 | 1.1 | <6.1 | <6.1 | <6.1 | 5 | <6.1 | <120 | 5.4 | <6.1 | 0.66 | <6.1 | <6.1 | <6.1 | 92 | 3.7 | 10 | <6.1 | 1.2 |
| SB-30 | 2 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 8.2 | <5.7 | 63 | 0.37 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 4.8 | 0.46 | 0.48 | <5.7 | 0.89 |
| SB-30 | 5 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 7.9 | <4.2 | <83 | 8.9 | <4.2 | 0.55 | <4.2 | <4.2 | <4.2 | 37 | 4.2 | 4.5 | <4.2 | 0.77 |
| SB-31 | 2 | <6 | <6 | <6 | <6 | <6 | <6 | 7.6 | <6 | <120 | 0.27 | <6 | <6 | <6 | <6 | <6 | 11 | <6 | 0.29 | <6 | <6 |
| SB-31 | 5 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 5.6 | <5.4 | <110 | 1.9 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 39 | 0.35 | 2.4 | <5.4 | <5.4 |
| SB-32 | 2 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 4.6 | 0.34 | <130 | 0.24 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 8 | <6.4 | <6.4 | <6.4 | <6.4 |
| SB-32 | 5 | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | 7.4 | ND | 56 | 2.8 | <4.7 | <4.7 | <4.7 | <4.7 | ND | 45 | 0.55 | 1.8 | <4.7 | <4.7 |
| SB-33 | 2 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 7.6 | <4.8 | 50 | 11 | <4.8 | 0.99 | <4.8 | <4.8 | <4.8 | 43 | 6.9 | 1.9 | <4.8 | 1.6 |
| SB-33 | 5 | <6 | <6 | <6 | <6 | <6 | <6 | 10 | <6 | <120 | 10 | <6 | 0.92 | <6 | <6 | <6 | 35 | 6.1 | 1.6 | <6 | 1.2 |
| LV-1-1 | 1 | <0.8 | <0.8 | <0.8 | <0.8 | <1.6 | <1.6 | <16 | <16 | 18 | 1.6 | <16 | <0.8 | <0.8 | <1.6 | <8 | <0.8 | 0.86 | <1.6 | <0.8 | <1.6 |
| LV-1-5 | 5 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <16 | <16 | <16 | <0.78 | <16 | <0.78 | <0.78 | <1.6 | <7.8 | <0.78 | <0.78 | <1.6 | <0.78 | <1.6 |
| LV-1-10 | 10 | <0.99 | <0.99 | <0.99 | <0.99 | <2 | <2 | <20 | <20 | <20 | <0.99 | <20 | <0.99 | <0.99 | <2 | <9.9 | <0.99 | <0.99 | <2 | <0.99 | <2 |
| LV-2-1 | 1 | <0.83 | <0.83 | <0.83 | <0.83 | <1.7 | <1.7 | <17 | <17 | 22 | 1.7 | <17 | <0.83 | <0.83 | <1.7 | <8.3 | <0.83 | 1.5 | <1.7 | <0.83 | <1.7 |
| LV-2-5 | 5 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <18 | <18 | 37 | 1.9 | <18 | <0.91 | <0.91 | <1.8 | <9.1 | <0.91 | 1.4 | <1.8 | <0.91 | <1.8 |
| LV-2-10 | 10 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <21 | <21 | <21 | <1.1 | <21 | <1.1 | <1.1 | <2.1 | <11 | <1.1 | <1.1 | <2.1 | <1.1 | <2.1 |
| LV-3-1 | 1 | 0.9 | <0.63 | 2.5 | <0.63 | <1.3 | <1.3 | <13 | <13 | 37 | 1.4 | <13 | <0.63 | <0.63 | <1.3 | <6.3 | 5.4 | 1.2 | 15 | <0.63 | <1.3 |
| LV-3-5 | 5 | 1 | <0.83 | <0.83 | <0.83 | <1.7 | <1.7 | <17 | <17 | 21 | 3.5 | <17 | <0.83 | <0.83 | <1.7 | <8.3 | 1.8 | 2.8 | 3.7 | <0.83 | <1.7 |
| LV-3-10 | 10 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <19 | <19 | 57 | <0.94 | <19 | <0.94 | <0.94 | <1.9 | <9.4 | <0.94 | <0.94 | <1.9 | <0.94 | <1.9 |
| LV-3-10-DUP | 10 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 39 | <0.9 | <18 | <0.9 | <0.9 | <1.8 | <9 | <0.9 | 4.4 | <1.8 | <0.9 | 2 |
| LV-4-1 | 1 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <18 | <18 | 18 | <0.91 | <18 | <0.91 | <0.91 | <1.8 | <9.1 | 4.4 | <0.91 | <1.8 | <0.91 | <1.8 |

Table 4 - Soil Analytical Test Results - Volatile Organic Compounds
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethene, cis | 1,2-Dichloroethene, trans | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 2-Butanone | 4-Methyl-2-Pentanone | Acetone | Benzene | Bromomethane | Ethylbenzene | Isopropylbenzene | MTBE | Naphthalene | Tetrachloroethene | Toluene | Trichloroethene | Vinyl Chloride | Xylenes, total |
| LV-4-5 | 5 | <0.93 | <0.93 | <0.93 | <0.93 | <1.9 | <1.9 | <19 | <19 | <19 | 1 | <19 | <0.93 | <0.93 | <1.9 | <9.3 | <0.93 | <0.93 | <1.9 | <0.93 | <1.9 |
| LV-4-10 | 10 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <19 | <19 | <19 | <0.94 | <19 | <0.94 | <0.94 | <1.9 | <9.3 | <0.94 | <0.94 | 4.9 | <0.94 | <1.9 |
| LV-5-1 | 1 | <0.84 | <0.84 | <0.84 | <0.84 | <1.7 | <1.7 | <17 | <17 | 20 | 1.5 | <17 | <0.84 | <0.84 | <1.7 | <8.4 | 1.4 | 1.1 | <1.7 | <0.84 | <1.7 |
| LV-5-5 | 5 | <0.85 | <0.85 | <0.85 | <0.85 | <1.7 | <1.7 | <17 | <17 | <17 | <0.85 | <17 | <0.85 | <0.85 | <1.7 | <8.5 | <0.85 | <0.85 | <1.7 | <0.85 | <1.7 |
| LV-5-10 | 10 | <1 | <1 | <1 | <1 | <2 | <2 | <20 | <20 | <20 | <1 | <20 | <1 | <1 | <2 | <10 | <1 | <1 | <2 | <1 | <2 |
| LV-5-10-DUP | 10 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <19 | <19 | <19 | <0.97 | <19 | <0.97 | <0.97 | <1.9 | <9.7 | <0.97 | <0.97 | <1.9 | <0.97 | <1.9 |
| LV-6-1 | 1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <21 | <21 | 34 | <1.1 | <21 | <1.1 | <1.1 | <2.1 | <11 | <1.1 | <1.1 | <2.1 | <1.1 | <2.1 |
| LV-6-5 | 5 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 18 | 2.2 | <18 | <0.9 | <0.9 | <1.8 | <9 | 7.7 | 1 | <1.8 | <0.9 | <1.8 |
| LV-6-10 | 10 | <0.8 | <0.8 | <0.8 | <0.8 | <1.6 | <1.6 | <16 | <16 | <16 | <0.8 | <16 | <0.8 | <0.8 | <1.6 | <8 | 1.8 | <0.8 | <1.6 | <0.8 | <1.6 |
| LV-7-1 | 1 | <0.82 | <0.82 | <0.82 | <0.82 | 3.5 | <1.6 | <16 | <16 | 56 | 1.8 | <16 | <0.82 | <0.82 | <1.6 | <8.2 | <0.82 | 1.6 | <1.6 | <0.82 | <1.6 |
| LV-7-5 | 5 | <0.86 | <0.86 | <0.86 | <0.86 | <1.7 | <1.7 | <17 | <17 | 19 | 4.1 | <17 | <0.86 | <0.86 | <1.7 | <8.6 | <0.86 | 3.1 | <1.7 | <0.86 | <1.7 |
| LV-7-10 | 10 | <0.72 | <0.72 | <0.72 | <0.72 | <1.4 | <1.4 | <14 | <14 | <14 | <0.72 | <14 | <0.72 | <0.72 | <1.4 | <7.2 | <0.72 | <0.72 | <1.4 | <0.72 | <1.4 |
| LV-8-1 | 1 | 120 | <40 | <40 | <40 | 820 | <81 | <810 | <810 | <810 | <40 | <810 | 1000 | 100 | <81 | <400 | 59 | 2200 | 160 | <40 | 2400 |
| LV-8-5 | 5 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <16 | <16 | <16 | <0.81 | <16 | <0.81 | <0.81 | <1.6 | <8.1 | <0.81 | <0.81 | <1.6 | <0.81 | <1.6 |
| LV-8-10 | 10 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <22 | <22 | <22 | <1.1 | <22 | <1.1 | <1.1 | <2.2 | <11 | <1.1 | <1.1 | <2.2 | <1.1 | <2.2 |
| LV-9-1 | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <1.4 | <1.4 | <14 | <14 | 29 | 3.2 | <14 | <0.7 | <0.7 | <1.4 | <7 | 1.9 | 2.9 | <1.4 | <0.7 | <1.4 |
| LV-9-5 | 5 | <0.88 | <0.88 | <0.88 | <0.88 | <1.8 | <1.8 | <18 | <18 | 35 | 4.5 | <18 | <0.88 | <0.88 | <1.8 | <8.8 | <0.88 | 4.6 | <1.8 | <0.88 | <1.8 |
| LV-9-10 | 10 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <16 | <16 | <16 | <0.79 | <16 | <0.79 | <0.79 | <0.79 | <7.9 | 3.4 | <0.79 | <1.6 | <0.79 | <1.6 |
| LV-9-10-DUP | 10 | <0.74 | <0.74 | <0.74 | <0.74 | <1.5 | <1.5 | <15 | <15 | 17 | 2.2 | <15 | <0.74 | <0.74 | <0.74 | <7.4 | 3.4 | <0.74 | <1.5 | <0.74 | <1.5 |
| LV-10-1 | 1 | <1 | <1 | <1 | <1 | <2 | <2 | <20 | <20 | <20 | <1 | <20 | <1 | <1 | <2 | <10 | <1 | <1 | <2 | <1 | <2 |
| LV-10-5 | 5 | <0.96 | <0.96 | <0.96 | <0.96 | <1.9 | <1.9 | <19 | <19 | 22 | <0.96 | <19 | <0.96 | <0.96 | <1.9 | <9.6 | 1.3 | <0.96 | <1.9 | <0.96 | <1.9 |
| LV-10-10 | 10 | <0.74 | <0.74 | <0.74 | <0.74 | <1.5 | <1.5 | <15 | <15 | 140 | 2.7 | <15 | <0.74 | <0.74 | <1.5 | <7.4 | 7.7 | 2.4 | <1.5 | <0.74 | <1.5 |
| LV-11-1 | 1 | <0.73 | <0.73 | <0.73 | <0.73 | <1.5 | <1.5 | <15 | <15 | 54 | 2.9 | <15 | <0.73 | <0.73 | <1.5 | <7.3 | <0.73 | 2.6 | <1.5 | <0.73 | <1.5 |
| LV-11-1-DUP | 1 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <16 | <16 | 100 | 3.5 | <16 | <0.81 | <0.81 | <1.6 | <8.1 | <0.81 | 3.3 | <1.6 | <0.81 | <1.6 |
| LV-11-5 | 5 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <16 | <16 | 18 | 7.3 | <16 | 1.4 | <0.79 | <1.6 | <7.9 | <0.79 | 7.2 | <1.6 | <0.79 | 2.8 |
| LV-11-10 | 10 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <21 | <21 | <21 | <1.1 | <21 | <1.1 | <1.1 | <2.1 | <11 | <1.1 | <1.1 | <2.1 | <1.1 | <2.1 |
| LV-12-1 | 1 | <0.62 | <0.62 | <0.62 | <0.62 | <1.2 | <1.2 | <12 | <12 | 34 | 1.5 | <12 | <0.62 | <0.62 | <1.2 | <6.2 | 2.3 | 1.1 | <1.2 | <0.62 | <1.2 |
| LV-12-5 | 5 | <0.77 | <0.77 | <0.77 | <0.77 | <1.5 | <1.5 | <15 | <15 | 18 | 4.3 | <15 | 0.91 | <0.77 | <1.5 | <7.7 | <0.77 | 4.4 | <1.5 | <0.77 | <1.5 |
| LV-12-10 | 10 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <16 | <16 | <16 | <0.78 | <16 | <0.78 | <0.78 | <1.6 | <7.8 | 4 | <0.78 | <1.6 | <0.78 | <1.6 |
| LV-13-1 | 1 | <0.74 | <0.74 | <0.74 | <0.74 | <1.5 | <1.5 | 24 | <15 | 120 | 1.9 | <15 | <0.74 | <0.74 | <1.5 | <7.4 | <0.74 | 1.8 | 1.7 | <0.74 | <1.5 |
| LV-13-5 | 5 | <0.88 | <0.88 | <0.88 | <0.88 | <1.8 | <1.8 | <18 | <18 | <18 | 2.3 | <18 | <0.88 | <0.88 | <1.8 | <8.8 | <0.88 | 2.6 | <1.8 | <0.88 | <1.8 |
| LV-13-10 | 10 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <22 | <22 | <22 | <1.1 | <22 | <1.1 | <1.1 | <2.2 | <11 | <1.1 | <1.1 | <2.2 | <1.1 | <2.2 |
| LV-14A-1 | 1 | <1 | <1 | <1 | <1 | 8.1 | 4 | 22 | <20 | 160 | <1 | <20 | 11 | <1 | <2 | <10 | <1 | 2.5 | <2 | <1 | 6 |
| LV-14A-5 | 5 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <16 | <16 | 22 | <0.79 | <16 | <0.79 | <0.79 | 1.7 | <7.9 | <0.79 | <0.79 | <1.6 | <0.79 | <1.6 |
| LV-14A-10 | 10 | <1 | <1 | <1 | <1 | <2.1 | <2.1 | <21 | <21 | 34 | <1 | <21 | <1 | <1 | <2.1 | <10 | <1 | <1 | <2.1 | <1 | <2.1 |
| LV-15-1 | 1 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <16 | <16 | <16 | <0.81 | <16 | <0.81 | <0.81 | <1.6 | <8.1 | <0.81 | <0.81 | <1.6 | <0.81 | <1.6 |
| LV-15-5 | 5 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 24 | <0.9 | <18 | <0.9 | <0.9 | <1.8 | <9 | <0.9 | <0.9 | <1.8 | <0.9 | <1.8 |
| LV-15-10 | 10 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 25 | <0.9 | <18 | <0.9 | <0.9 | <1.8 | <9 | <0.9 | <0.9 | <1.8 | <0.9 | <1.8 |
| LV-16-1 | 1 | <0.76 | <0.76 | <0.76 | <0.76 | <1.5 | <1.5 | <15 | <15 | 37 | 1.4 | <15 | <0.76 | <0.76 | <1.5 | <7.6 | <0.76 | 0.93 | <1.5 | <0.76 | <1.5 |
| LV-16-5 | 5 | <0.38 | <0.38 | <0.38 | <0.38 | <0.75 | <0.75 | <7.5 | <7.5 | <7.5 | 1.5 | <7.5 | <0.38 | <0.38 | <0.75 | <7.5 | <0.38 | 1.6 | <0.75 | <0.38 | <0.75 |

Table 4 - Soil Analytical Test Results - Volatile Organic Compounds
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethene, cis | 1,2-Dichloroethene, trans | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 2-Butanone | 4-Methyl-2-Pentanone | Acetone | Benzene | Bromomethane | Ethylbenzene | Isopropylbenzene | MTBE | Naphthalene | Tetrachloroethene | Toluene | Trichloroethene | Vinyl Chloride | Xylenes, total |
| LV-16-10 | 10 | <0.86 | <0.86 | <0.86 | <0.86 | <1.7 | <1.7 | <17 | <17 | <17 | <0.86 | <17 | <0.86 | <0.86 | <1.7 | <8.6 | <0.86 | <0.86 | <1.7 | <0.86 | <1.7 |
| LV-17-1 | 1 | <1 | <1 | <1 | <1 | <2.1 | <2.1 | <21 | <21 | 21 | <1 | <21 | <1 | <1 | <2.1 | <10 | <1 | <1 | <2.1 | <1 | <2.1 |
| LV-17-5 | 5 | <42 | <42 | <42 | <42 | 6900 | 2700 | <830 | <830 | <830 | <42 | <830 | 100 | <42 | <83 | <420 | <42 | <42 | <83 | <42 | 610 |
| LV-17-10 | 10 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <18 | <18 | 18 | <0.89 | <18 | <0.89 | <0.89 | <1.8 | <8.9 | <0.89 | <0.89 | <1.8 | <0.89 | <1.8 |
| LV-18-1 | 1 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 62 | 1.4 | <18 | <0.9 | <0.9 | <1.8 | <9 | <0.9 | <0.9 | <1.8 | <0.9 | <1.8 |
| LV-18-5 | 5 | <0.93 | <0.93 | <0.93 | <0.93 | <1.9 | <1.9 | <19 | <19 | <19 | 5.2 | <19 | <0.93 | <0.93 | <1.9 | <9.3 | 2.5 | 2.9 | <1.9 | <0.93 | <1.9 |
| LV-18-10 | 10 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <18 | <18 | <18 | <0.91 | <18 | <0.91 | <0.91 | <1.8 | <9.1 | <0.91 | <0.91 | <1.8 | <0.91 | <1.8 |
| LV-18-10-DUP | 10 | <0.64 | <0.64 | <0.64 | <0.64 | <1.3 | <1.3 | <13 | <13 | 15 | 2.1 | <13 | <0.64 | <0.64 | <1.3 | <6.4 | 0.99 | 1.7 | <1.3 | <0.64 | <1.3 |
| LV-19-1 | 1 | <1 | <1 | <1 | <1 | <2 | <2 | 26 | <20 | 290 | 1.8 | <20 | <1 | <1 | <2 | <10 | <1 | 1.7 | <2 | <1 | <2 |
| LV-19-5 | 5 | <0.82 | <0.82 | <0.82 | <0.82 | <1.6 | <1.6 | <16 | <16 | <16 | 1.5 | <16 | <0.82 | <0.82 | <1.6 | <8.2 | <0.82 | 1.1 | <1.6 | <0.82 | <1.6 |
| LV-19-10 | 10 | <0.99 | <0.99 | <0.99 | <0.99 | <2 | <2 | <20 | <20 | 29 | <0.99 | <20 | <0.99 | <0.99 | <2 | <9.9 | <0.99 | <0.99 | <2 | <0.99 | <2 |
| HP-1 | 10 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 |

Notes:
-- = not analyzed
< "X" = not detected above the method detection limit or reporting limit "X"
J = Estimated value; concentration above the method detection limit but below the reporting limit
ug/kg = micrograms per kilogram

Table 5 - Comparison of Metals in Soil To Background and Soil Screening Levels
2200 North Rosemead Boulevard
South El Monte, California

| Metal | Maximum Sitewide Concentration (mg/kg)[a] | Soil Background Levels Based on California Air Force Bases | | Residential Soil Screening Levels | | | Selected as a COPC? |
|---|---|---|---|---|---|---|---|
| | | 95th Percentile (mg/kg)[b] | Exceeds Soil Background Levels? | USEPA Soil RSLs (mg/kg) | Note 3 Soil SLs (mg/kg) | Exceeds Soil Screening Levels? | |
| Antimony | 730 | 12.5 | Yes | 31.00 | na | Yes | **Yes** |
| Arsenic | 40 | 10.63 (site-specific) | Yes | 0.68 | 0.11 | Yes | **Yes** |
| Barium | 2200 | 320 | Yes | 15,000 | na | No | No |
| Beryllium | 0.796 | 1.1 | No | 160 | 16 | No | No |
| Cadmium | 15 | 2.2 | Yes | 71.0 | 71.0 | No | No |
| Chromium | 5100 | 49.4 | Yes | 120,000 | 36,000 | No | No |
| Chromium (VI) | 73 | 2.00 | Yes | 0.30 | 0.30 | Yes | **Yes** |
| Cobalt | 35 | 22 | Yes | 23 | na | Yes | **Yes** |
| Copper | 1250 | 53.3 | Yes | 3,100 | na | No | No |
| Lead | 2600 | 25 | Yes | 400 | 80 | Yes | **Yes** |
| Mercury | 2.3 | 0.3 | Yes | 23 | 1.0 | No | No |
| Molybdenum | 480 | 20 | Yes | 390 | na | Yes | **Yes** |
| Nickel | 120 | 41.5 | Yes | 1,500 | 820 | No | No |
| Silver | 5.1 | 2.1 | Yes | 390 | na | No | No |
| Thallium | 1.6 | 25 | No | 0.78 | na | Yes | No |
| Vanadium | 75.3 | 88.3 | No | 390 | na | No | No |
| Zinc | 1770 | 104 | Yes | 23,000 | na | No | No |

Notes:

mg/kg - milligrams per kilogram

a - Maximum concentration from the 0 to 10 foot soil depth below ground surface.

b - Naturally Occurring Concentrations of Inorganic Chemicals in Ground Water and Soil at California Air Force Installations. DTSC

RSL - Regional Screening Level. From Regional Screening Level Table (RSL) Master (EPA, 2021)

Note 3 SLs - Cal-EPA 2020. Human Health Risk Assessment (HHRA) Note Number 3. DTSC-modified Screening Levels. June

na - Not Available

**Bold+Shaded** Indicates the concentrations which exceeded their respective residential soil screening level; therefore, these metals were selected as chemicals of potential concern (COPCs)

Table 6 - Statistical Parameters for Metals Selected as Chemicals of Potential Concern
2200 North Rosemead Boulevard
South El Monte, California

| Statistical Parameters | Metals | | | | |
|---|---|---|---|---|---|
| | Antimony | Arsenic | Cobalt | Lead | Molybdenum |
| Number of Samples | 112 | 123 | 111 | 181 | 119 |
| Number Detected | 21 | 61 | 109 | 122 | 20 |
| Number Non Detected | 91 | 62 | 2 | 59 | 99 |
| Percent Non-Detected | 81.25 | 50.41 | 1.8 | 32.6 | 83.19 |
| Minimum Detected (mg/Kg) | 1.6 | 1.6 | 0.991 | 3.6 | 0.543 |
| Maximum Detected (mg/Kg) | 730 | 40.2 | 35 | 26000 | 480 |
| Mean Concentration (mg/Kg) | 44.44 | 7.38 | 8.581 | 821.1 | 34.99 |
| Median Concentration (mg/Kg) | 2.98 | 5 | 7.8 | 18.5 | 3.075 |
| Standard Deviation | 158 | 6.973 | 5.522 | 3308 | 106.8 |
| Coefficient of Variability | 3.556 | 0.945 | 0.644 | 4.028 | 3.053 |
| 95 Percent Upper Confidence Limit (95UCL) (mg/Kg) | 72.45 | 4.879 | 9.37 | 1443 | 1.67 |

Notes:

mg/Kg = Milligrams per kilogram

NC = Not calculated due to insufficient detections.

Table 7 - Statistical Parameters for PCBs Selected as Chemicals of Potential Concern
2200 North Rosemead Boulevard
South El Monte, California

| Statistical Parameters | Polychlorinated Biphenyls | | |
|---|---|---|---|
| | **Aroclor-1248** | **Aroclor-1254** | **Aroclor-1260** |
| Number of Samples | 106 | 158 | 158 |
| Number Detected | 4 | 33 | 25 |
| Number Non Detected | 102 | 125 | 133 |
| Percent Non-Detected | 96.23 | 79.11 | 84.18 |
| Minimum Detected (mg/Kg) | 0.069 | 0.0667 | 0.073 |
| Maximum Detected (mg/Kg) | 13 | 30.6 | 4 |
| Mean Concentration (mg/Kg) | 3.655 | 4.472 | 0.674 |
| Median Concentration (mg/Kg) | 0.775 | 0.906 | 0.216 |
| Standard Deviation | 6.254 | 8.372 | 1.021 |
| Coefficient of Variability | 1.711 | 1.872 | 1.514 |
| 95 Percent Upper Confidence Limit (95UCL) (mg/Kg) | 0.697 | 0.37 | 0.105 |

Notes:
mg/Kg = Milligrams per kilogram
NC = Not calculated due to insufficient detections.

Table 8 - Statistical Parameters for TPH Fractions Selected as Chemicals of Potential Concern
2200 North Rosemead Boulevard
South El Monte, California

| Statistical Parameters | Total Petroleum Hydrocarbons | | |
|---|---|---|---|
| | TPH-g | TPH-d | TPH-mo |
| Number of Samples | 124 | 144 | 144 |
| Number Detected | 13 | 56 | 104 |
| Number Non Detected | 111 | 88 | 40 |
| Percent Non-Detected | 89.52 | 61.11 | 27.78 |
| Minimum Detected (mg/Kg) | 0.16 | 4.2 | 4.5 |
| Maximum Detected (mg/Kg) | 2600 | 8500 | 33000 |
| Mean Concentration (mg/Kg) | 255 | 511.3 | 917.6 |
| Median Concentration (mg/Kg) | 8.2 | 15.5 | 17 |
| Standard Deviation | 711.1 | 1426 | 3780 |
| Coefficient of Variability | 2.789 | 2.789 | 4.12 |
| 95 Percent Upper Confidence Limit (95UCL) (mg/K | 129.5 | 537.4 | 1841 |

Notes:
mg/Kg = Milligrams per kilogram
NC = Not calculated due to insufficient detections.

Table 9 - Volatilization Emission Factor Calculation
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Soil Parameters | Value Used | Units | Reference |
|---|---|---|---|
| Water filled soil porosity (Theta w) | 3.40E-01 | (Lwater-Lsoil) | Default |
| Total soil porosity (n) | 4.40E-01 | (Lpore-Lsoil) | Default |
| Air filled soil porosity (Theta a) | 1.00E-01 | (Lair-Lsoil) | Default |
| Soil particle density (ps) | 2.69E+00 | $g/cm^3$ | Default |
| Exposure Interval (T) | 9.50E+08 | sec | Default (EPA 1996) |
| Soil Bulk Density (Pb) | 1.5 | $g/cm^3$ | Default |
| Fraction organic carbon in soil | 3.00E-03 | unitless | Default |
| Inverse of mean concentration (Q/C) (for VF) | 68.81 | ($g/m^2$-s per $kg/m^3$) | Default for a 5-acre site in Los Angeles (EPA 1996) |

| Compound | Diffusivity in air (Di) ($cm^2$/sec) | Henry's Law Const (H') (dimensionless) | Diffusivity in water (Dw) ($cm^2$/sec) | Soil-water partition coefficient (Kd) ($cm^3$/g) | Soil organic carbon partition coefficient (Koc) ($cm^3$/g) | Apparent Diffusivity (Da) | Volatilization Factor (VF) |
|---|---|---|---|---|---|---|---|
| **VOCs** | | | | | | | |
| 1,1-Dichloroethane | 7.4E-02 | 2.3E-01 | 1.1E-05 | 1.6E-01 | 5.3E+01 | 7.0E-05 | 1.5E+04 |
| 1,1-Dichloroethylene | 9.0E-02 | 1.1E+00 | 1.0E-05 | 2.0E-01 | 6.5E+01 | 3.1E-04 | 7.0E+03 |
| 1,2-Dichloroethylene (cis) | 7.4E-02 | 1.7E-01 | 1.1E-05 | 1.1E-01 | 3.6E+01 | 6.0E-05 | 1.6E+04 |
| 1,2-Dichloroethylene (trans) | 7.1E-02 | 3.8E-01 | 1.2E-05 | 1.1E-01 | 3.8E+01 | 1.2E-04 | 1.1E+04 |
| 1,2,4-Trimethylbenzene | 7.5E-02 | 2.3E-01 | 7.1E-06 | 1.1E+01 | 3.7E+03 | 2.5E-06 | 7.9E+04 |
| 1,3,5-Trimethylbenzene | 7.5E-02 | 3.2E-01 | 7.1E-06 | 2.5E+00 | 8.2E+02 | 1.4E-05 | 3.3E+04 |
| 2-Butanone | 9.0E-02 | 1.1E-03 | 9.8E-06 | 1.4E-02 | 4.5E+00 | 4.5E-06 | 5.8E+04 |
| 4-methyl-2-pentanone | 7.5E-02 | 5.7E-03 | 7.8E-06 | 4.0E-01 | 1.3E+02 | 2.3E-06 | 8.3E+04 |
| Acetone | 1.2E-01 | 1.6E-03 | 1.1E-05 | 1.7E-03 | 5.8E-01 | 6.1E-06 | 5.0E+04 |
| Benzene | 8.8E-02 | 2.3E-01 | 9.8E-06 | 1.9E-01 | 6.2E+01 | 7.7E-05 | 1.4E+04 |

Table 9 - Volatilization Emission Factor Calculation
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Compound | Diffusivity in air (Di) ($cm^2/sec$) | Henry's Law Const (H') (dimensionless) | Diffusivity in water (Dw) ($cm^2/sec$) | Soil-water partition coefficient (Kd) ($cm^3/g$) | Soil organic carbon partition coefficient (Koc) ($cm^3/g$) | Apparent Diffusivity (Da) | Volatilization Factor (VF) |
|---|---|---|---|---|---|---|---|
| Bromomethane | 7.3E-02 | 2.6E-01 | 1.2E-05 | 2.7E-02 | 9.0E+00 | 1.1E-04 | 1.2E+04 |
| Ethylbenzene | 7.5E-02 | 3.2E-01 | 7.8E-06 | 6.1E-01 | 2.0E+02 | 4.6E-05 | 1.8E+04 |
| Isopropylbenzene | 7.5E-02 | 4.9E+01 | 7.1E-06 | 6.6E-01 | 2.2E+02 | 1.4E-03 | 3.3E+03 |
| MTBE | 8.1E-02 | 2.4E-02 | 9.4E-05 | 3.5E-02 | 1.2E+01 | 4.6E-05 | 1.8E+04 |
| Naphthalene | 5.9E-02 | 2.0E-02 | 7.5E-06 | 3.6E+00 | 1.2E+03 | 6.7E-07 | 1.5E+05 |
| Tetrachloroethylene | 7.2E-02 | 7.5E-01 | 8.2E-06 | 8.0E-01 | 2.7E+02 | 8.1E-05 | 1.4E+04 |
| Toluene | 8.7E-02 | 2.7E-01 | 8.6E-06 | 4.2E-01 | 1.4E+02 | 5.8E-05 | 1.6E+04 |
| Trichloroethylene | 7.9E-02 | 4.2E-01 | 9.1E-06 | 2.8E-01 | 9.4E+01 | 1.0E-04 | 1.2E+04 |
| Vinyl chloride | 1.1E-01 | 1.1E+00 | 1.2E-06 | 5.6E-02 | 1.9E+01 | 5.3E-04 | 5.4E+03 |
| Xylenes, total | 7.0E-02 | 3.0E-01 | 7.8E-06 | 5.9E-01 | 2.0E+02 | 4.1E-05 | 1.9E+04 |

VOC Equation:

$VF = Q/C * ((3.14 * D_a * T)^{1/2} * 10^{-4})/(2 * Pb * D_a))$

Table 10 - Exposure Parameters for Onsite Receptors
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Exposure/Site Specific Parameters | Units | Exposure Parameters | | |
|---|---|---|---|---|
| | | Construction Worker | Non-Intrusive Worker | Source |
| Soil Ingestion Rate (IR-S) | mg/day | 330 | 100 | HERO 2019 |
| Skin Surface Area (SA) | $cm^2$/day | 6,032 | 6,032 | HERO 2019 |
| Skin Adsorption Factor (ABS) | unitless | chem-specific | chem-specific | DTSC 1994/EPA 1997 |
| Adherence Factor (AF) | $mg/cm^2$ | 0.80 | 0.20 | HERO 2019 |
| Fraction of Soil Exposed (FE) | unitless | 1 | 1 | Default |
| Inhalation Rate of Air (IR-A) | $m^3$/day | 20 | 14 | HERO 2019 |
| Exposure Frequency (EF) | days/year | 250 | 250 | HERO 2019 |
| Exposure Frequency (dermal; EFd) | days/year | 250 | 250 | HERO 2019 |
| Exposure Duration (ED) | years | 0.25 | 25 | HERO 2019 |
| Exposure Time (ET) | hours | 8 | 8 | HERO 2019 |
| Conversion Factor (CF) | kg/mg | 1.0E-06 | 1.0E-06 | -- |
| Body Weight (BW) | kg | 80 | 80 | HERO 2019 |
| Averaging Time for Noncarcinogens ($AT_n$) | days | 91 | 9,125 | EPA 1989 (ED*365 days/yr) |
| Averaging Hours for Noncarcinogens ($AT_n$) | hours | 2,190 | 219,000 | EPA 1989 (ED*365 days/yr) |
| Averaging Time for Carcinogens ($AT_c$) | days | 25,550 | 25,550 | EPA 1989 |
| Averaging Hours for Carcinogens ($AT_c$) | hours | 613,200 | 613,200 | EPA 1989 |

Table 11 - Toxicity Criteria for Chemicals of Potential Concern
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Chemical | Chronic Oral Reference Dose (RfDo) (mg/kg-day) | Inhalation Reference Concentration (RfCi) ($ug/m^3$) | Oral Cancer Slope Factor (CSFo) $(mg/kg\text{-}day)^{-1}$ | Inhalation Unit Risk (IUR) $(ug/m^3)^{-1}$ |
|---|---|---|---|---|
| ***Metals*** | | | | |
| Antimony | 4.0E-04 | NA | NA | NA |
| Cobalt | 3.0E-04 | 6.0E-03 | NA | 9.0E-03 |
| Chromium (VI) | 3.0E-03 | 1.0E-01 | 5.0E-01 | 1.5E-01 |
| Molybdenum | 5.0E-03 | NA | NA | NA |
| ***PCBs*** | | | | |
| Aroclor 1248 | NA | NA | 2.0E+00 | 5.7E-04 |
| Aroclor 1254 | 2.0E-05 | 8.0E-02 | 2.0E+00 | 5.7E-04 |
| Aroclor 1260 | NA | NA | 2.0E+00 | 5.7E-04 |
| Aroclor 1262 | NA | NA | 2.0E+00 | 5.7E-04 |
| Aroclor 1268 | NA | NA | 2.0E+00 | 5.7E-04 |
| ***TPH*** | | | | |
| TPH (aromatic high) | 4.0E-02 | NA | NA | NA |
| TPH (aliphatic high) | 3.0E+00 | NA | NA | NA |
| TPH (aliphatic low) | NA | 6.0E+02 | NA | NA |
| TPH (aromatic low) | 4.0E-03 | 3.0E+01 | NA | NA |
| TPH (aromatic medium) | 4.0E-03 | 3.0E+00 | NA | NA |
| TPH (aliphatic medium) | 1.0E-02 | 1.0E+02 | NA | NA |
| ***VOCs*** | | | | |
| 1,1-Dichloroethane | 2.0E-01 | 8.0E+02 | 5.7E-03 | 1.6E-06 |
| 1,1-Dichloroethylene | 5.0E-02 | 7.0E+01 | NA | NA |
| 1,2-Dichloroethylene (cis) | 2.0E-03 | 8.0E+00 | NA | NA |
| 1,2-Dichloroethylene (trans) | 2.0E-02 | 8.0E+01 | NA | NA |
| 1,2,4-Trimethylbenzene | 1.0E-02 | 6.0E+01 | NA | NA |
| 1,3,5-Trimethylbenzene | 1.0E-02 | 6.0E+01 | NA | NA |
| 2-Butanone | 6.0E-01 | 5.0E+03 | NA | NA |
| 4-Methyl-2-pentanone | NA | 3.0E+03 | NA | NA |
| Acetone | 9.0E-01 | 3.1E+04 | NA | NA |
| Benzene | 4.0E-03 | 3.0E+00 | 1.0E-01 | 2.9E-05 |
| Bromomethane | NA | 9.0E+01 | NA | NA |
| Ethylbenzene | 1.0E-01 | 1.0E+03 | 1.1E-02 | 2.5E-06 |
| Isopropylbenzene | 1.0E-01 | 4.0E+02 | NA | NA |
| MTBE | NA | 3.0E+03 | 1.8E-03 | 2.6E-07 |

Table 11 - Toxicity Criteria for Chemicals of Potential Concern
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Chemical | Chronic Oral Reference Dose (RfDo) (mg/kg-day) | Inhalation Reference Concentration (RfCi) ($ug/m^3$) | Oral Cancer Slope Factor (CSFo) $(mg/kg\text{-}day)^{-1}$ | Inhalation Unit Risk (IUR) $(ug/m^3)^{-1}$ |
|---|---|---|---|---|
| Naphthalene | 2.0E-02 | 3.0E+00 | 1.2E-01 | 3.4E-05 |
| Tetrachloroethylene | 6.0E-03 | 4.0E+01 | 5.4E-01 | 6.1E-06 |
| Toluene | 8.0E-02 | 3.0E+02 | NA | NA |
| Trichloroethylene | 5.0E-04 | 2.0E+00 | 4.6E-02 | 4.1E-06 |
| Vinyl Chloride | 3.0E-03 | 1.0E+02 | 7.2E-01 | 7.8E-05 |
| Xylenes, total | 2.0E-01 | 1.0E+02 | NA | NA |

Notes:
Values taken from HHRA Note No. 10, 2019

Table 12 - Estimated Cumulative Risks and Hazards that
Could Result from Exposure to Soil and Dust
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Scenario | | | | |
|---|---|---|---|---|---|
| | Worker EPC (mg/kg) | Cancer Risk | | Hazard Index | |
| | | Construction Worker | Non-Intrusive Worker | Construction Worker | Non-Intrusive Worker |
| ***Metals*** | | | | | |
| Antimony | 72.45 | -- | -- | 5.9E-01 | 1.7E-01 |
| Cobalt | 9.37 | 6.9E-08 | 5.2E-09 | 4.6E-01 | 3.0E-02 |
| Chromium (VI) | 73 | 9.4E-06 | 1.3E-05 | 2.5E-01 | 2.3E-02 |
| Molybdenum | 1.67 | -- | -- | 9.6E-04 | 2.9E-04 |
| ***PCBs*** | | | | | |
| Aroclor 1248 | 0.697 | 4.3E-08 | 1.1E-06 | -- | -- |
| Aroclor 1254 | 0.37 | 2.3E-08 | 6.1E-07 | 1.5E-01 | 4.1E-02 |
| Aroclor 1260 | 0.105 | 6.5E-09 | 1.7E-07 | -- | -- |
| Aroclor 1262 | 0.58 | 3.6E-08 | 9.5E-07 | -- | -- |
| Aroclor 1268 | 0.26 | 1.6E-08 | 4.3E-07 | -- | -- |
| ***TPH*** | | | | | |
| TPH (aromatic high) | 920.5 | -- | -- | 1.6E-01 | 4.3E-02 |
| TPH (aliphatic high) | 920.5 | -- | -- | 2.1E-03 | 5.8E-04 |
| TPH (aliphatic low) | 64.75 | -- | -- | 2.5E-05 | 1.9E-08 |
| TPH (aromatic low) | 64.75 | -- | -- | 1.1E-01 | 3.1E-02 |
| TPH (aromatic medium) | 268.7 | -- | -- | 4.9E-01 | 1.3E-01 |
| TPH (aliphatic medium) | 268.7 | -- | -- | 1.9E-01 | 5.1E-02 |
| ***VOCs*** | | | | | |
| 1,1-Dichloroethane | 0.12 | 2.8E-11 | 1.5E-09 | 6.5E-06 | 3.4E-06 |
| 1,1-Dichloroethylene | 0.00023 | -- | -- | 1.4E-07 | 1.2E-07 |
| 1,2-Dichloroethylene (cis) | 0.64 | -- | -- | 3.4E-03 | 1.7E-03 |
| 1,2-Dichloroethylene (trans) | 0.036 | -- | -- | 2.2E-05 | 1.3E-05 |
| 1,2,4-Trimethylbenzene | 33 | -- | -- | 2.5E-02 | 7.8E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | -- | -- | 8.0E-03 | 3.0E-03 |
| 2-Butanone | 1.8 | -- | -- | 2.2E-05 | 7.1E-06 |
| 4-Methyl-2-pentanone | 3.2 | -- | -- | 2.9E-06 | 2.9E-06 |
| Acetone | 0.5 | -- | -- | 3.9E-06 | 1.1E-06 |
| Benzene | 0.11 | 4.6E-10 | 2.6E-08 | 7.8E-04 | 6.4E-04 |
| Bromomethane | 0.2 | -- | -- | 4.4E-05 | 4.4E-05 |

Table 12 - Estimated Cumulative Risks and Hazards that
Could Result from Exposure to Soil and Dust
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Scenario | | | | |
|---|---|---|---|---|---|
| | Worker EPC (mg/kg) | Cancer Risk | | Hazard Index | |
| | | Construction Worker | Non-Intrusive Worker | Construction Worker | Non-Intrusive Worker |
| Ethylbenzene | 12 | 4.6E-09 | 2.2E-07 | 9.8E-04 | 3.8E-04 |
| Isopropylbenzene | 1.2 | -- | -- | 2.9E-04 | 2.3E-04 |
| MTBE | 0.015 | 8.4E-13 | 3.5E-11 | 6.2E-08 | 6.2E-08 |
| Naphthalene | 6.3 | 2.0E-08 | 6.3E-07 | 5.4E-03 | 3.8E-03 |
| Tetrachloroethylene | 4.1 | 7.3E-08 | 2.0E-06 | 7.9E-03 | 3.3E-03 |
| Toluene | 49 | -- | -- | 6.5E-03 | 3.4E-03 |
| Trichloroethylene | 1.2 | 1.7E-09 | 7.0E-08 | 2.8E-02 | 1.6E-02 |
| Vinyl Chloride | 0.1 | 3.0E-09 | 1.7E-07 | 2.7E-04 | 1.1E-04 |
| Xylenes, total | 75 | -- | -- | 1.1E-02 | 9.5E-03 |
| **TOTAL RISKS and HAZARDS** | | **9.6E-06** | **2.0E-05** | **2.5E+00** | **5.7E-01** |

Notes:

" -- " Not Applicable

Includes Incidental Soil Ingestion, Dermal Contact, and Fugitive Dust Inhalation for COPCs

EPC: Exposure Point Concentration in milligrams per kilogram used in the risk and hazard calculations

Table 13 - Risk-Based Concentrations for Soil
2200 North Rosemead Boulevard
South El Monte, California

| Chemical Name | Background[a] Concentration in Soil (mg/kg) | Risk-Based Soil Concentrations (RBCs) | | | | Site-Specific Soil Risk-Based Concentration - Lowest RBC - (mg/kg) |
|---|---|---|---|---|---|---|
| | | Protection of Non-Cancer Effects for Construction Workers (mg/kg) | Protection of Non-Cancer Effects for Non-Intrusive Workers (mg/kg) | Protection of Cancer Effects for Construction Workers (mg/kg) | Protection of Cancer Effects for Non-Intrusive Workers (mg/kg) | |
| ***Metals*** | | | | | | |
| Antimony | 12.5 | 123.5 | 416.9 | NA | NA | 123.51 |
| Arsenic[b] | 10.63 | NA | NA | NA | NA | NA |
| Cobalt | 22 | 20.5 | 309.9 | 1,362.7 | 17,932.7 | 20.47 |
| Chromium (VI) | 2 | 297.4 | 3,109.9 | 78.1 | 55.4 | 55.36 |
| Lead[c] | 25 | NA | NA | NA | NA | 320.00 |
| Molybdenum | 20 | 1,744.2 | 5,770.4 | NA | NA | 1,744.19 |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | NA | NA | NA | 161.4 | 6.1 | 6.08 |
| Aroclor 1254 | NA | 2.4 | 9.1 | 161.4 | 6.1 | 2.42 |
| Aroclor 1260 | NA | NA | NA | 161.4 | 6.1 | 6.08 |
| Aroclor 1262 | NA | NA | NA | 161.4 | 6.1 | 6.08 |
| Aroclor 1268 | NA | NA | NA | 161.4 | 6.1 | 6.08 |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | NA | 5,749.7 | 21,174.8 | NA | NA | 5,749.73 |
| TPH (aliphatic high) | NA | 431,229.7 | 1,588,107.3 | NA | NA | 431,229.69 |
| TPH (aliphatic low) | NA | 2,628,000.0 | 3,458,448,000.0 | NA | NA | 2,628,000.00 |
| TPH (aromatic low) | NA | 572.5 | 2,117.5 | NA | NA | 572.47 |
| TPH (aromatic medium) | NA | 550.9 | 2,117.2 | NA | NA | 550.87 |
| TPH (aliphatic medium) | NA | 1,432.7 | 5,293.6 | NA | NA | 1,432.73 |

Notes

a = Naturally Occurring Concentrations of Inorganic Chemicals in Ground Water and Soil at California Air Force Installations (Hunter, Davis, Roach, 2004).

b = Site-specific background concentration (See Section 3.2).

c = Soil screening level (DTSC, 2020).

NA = Not applicable

mg/kg = milligrams per kilogram

# APPENDIX A

# LEIGHTON CONSULTING, INC.
# SOIL DATA TABLES

Table A-1: June 2021 and Historical Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| SB-1 | 2 | 8/22/2020 | EEC | 1.8 J | 11 | 200 | 0.60 | <0.51 | 27 | -- | 13 | 73 | 18 | 0.98 J | 22 | <3.0 | <0.51 | <3.0 | 49 | 74 | <0.13 |
| SB-2 | 2 | 8/22/2020 | EEC | <3.1 | 6.8 | 140 | 0.53 | <0.51 | 18 | -- | 8.7 | 28 | 8.1 | <1.0 | 14 | <3.1 | <0.51 | <3.1 | 38 | 48 | 0.38 |
| SB-3 | 2 | 8/21/2020 | EEC | 1.8 J | 9.6 | 230 | 0.68 | <0.51 | 33 | -- | 15 | 39 | 10 | <1.0 | 28 | <3.1 | <0.51 | <3.1 | 53 | 80 | 0.066 J |
| SB-4 | 2 | 8/21/2020 | EEC | 1.9 J | 7.4 | 200 | 0.64 | <0.51 | 32 | -- | 14 | 42 | 10 | <1.0 | 26 | <3.0 | <0.51 | <3.0 | 50 | 75 | 0.055 J |
| SB-5 | 2 | 8/21/2020 | EEC | <2.9 | 8.6 | 160 | 0.47 J | <0.51 | 24 | -- | 10 | 30 | 7.2 | <0.97 | 20 | <2.9 | <0.49 | <2.9 | 41 | 54 | 0.069 J |
| SB-6 | 2 | 8/22/2020 | EEC | <2.8 | 3.3 | 79 | 0.26 J | <0.46 | 12 | -- | 6.4 | 20 | 6.2 | 0.87 J | 9.5 | <2.8 | <0.46 | <2.8 | 25 | 37 | <0.13 |
| SB-7 | 2 | 8/22/2020 | EEC | <3.0 | 3.9 | 74 | 0.50 | <0.50 | 12 | -- | 5.5 | 9.9 | 4.8 | <0.99 | 7.8 | <3.0 | <0.50 | <3.0 | 33 | 33 | 0.050 J |
| SB-8 | 2 | 8/21/2020 | EEC | 1.7 J | 4.6 | 170 | 0.37 J | <0.49 | 20 | -- | 9.3 | 43 | 25 | <0.97 | 16 | <2.9 | <0.49 | <2.9 | 37 | 65 | 0.14 |
| SB-9 | 2 | 8/21/2020 | EEC | <3.0 | 5.4 | 190 | 0.66 | <0.50 | 30 | -- | 13 | 36 | 8.5 | <0.99 | 23 | <3.0 | <0.50 | <3.0 | 49 | 69 | 0.063 J |
| SB-10 | 5 | 8/21/2020 | EEC | 2.7 J | 18 | 170 | 0.55 | <0.46 | 25 | -- | 10 | 24 | 8.4 | <0.93 | 18 | <2.8 | <0.46 | <2.8 | 47 | 60 | <0.13 |
| | 10 | 8/21/2020 | EEC | -- | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | EEC | 19 | 6.4 | 180 | 0.34 J | 1.0 | 88 | -- | 10 | 61 | 2,400 | 11 | 15 | <2.8 | 0.28 J | <2.8 | 37 | 160 | 0.86 |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | EEC | 1.7 J | 6.6 | 200 | 0.55 | <0.50 | 26 | -- | 13 | 30 | 8.3 | 0.80 J | 21 | <3.0 | <0.50 | <3.0 | 47 | 65 | 0.074 J |
| SB-13 | 2 | 8/21/2020 | EEC | 29 | 7.9 | 310 | 0.42 J | 0.81 | 110 | -- | 8.1 | 54 | 2,300 | 18 | 16 | <3.2 | 1.4 | <3.2 | 28 | 110 | 0.33 |
| | 15 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-14 | 5 | 8/21/2020 | EEC | <2.8 | 9.7 | 150 | 0.47 | <0.47 | 23 | -- | 9.9 | 25 | 31 | <0.94 | 17 | <2.8 | <0.47 | <2.8 | 39 | 52 | <0.12 |
| SB-15 | 2 | 8/22/2020 | EEC | 4.8 | 7.9 | 110 | 0.23 J | 0.98 | 38 | -- | 7.2 | 38 | 390 | 4.0 | 17 | <3.2 | 0.90 | <3.2 | 24 | 140 | 0.32 |
| | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | EEC | 13 | 8.1 | 2,200 | 0.32 J | 15 | 2,000 | -- | 31 | 230 | 13,000 | 91 | 36 | <3.1 | 0.34 J | <3.1 | 31 | 1,100 | 1.1 |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-17 | 2 | 8/22/2020 | EEC | 1.6 | 4.8 | 130 | 0.40 J | <0.49 | 19 | -- | 9.7 | 35 | 11 | 5.8 | 16 | <2.9 | <0.49 | <2.9 | 38 | 58 | 0.047 J |
| | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | EEC | <3.0 | 1.6 | 29 | 0.19 J | <0.50 | 6.6 | -- | 3.8 | 8.9 | 4.5 | <1.0 | 5.0 | <3.0 | <0.50 | <3.0 | 19 | 24 | 0.076 J |
| SB-19 | 2 | 8/21/2020 | EEC | 79 | 21 | 840 | 0.28 J | 4.0 | 5,100 | -- | 35 | 920 | 26,000 | 480 | 120 | <2.8 | <0.47 | 1.6 J | 12 | 830 | 2.3 |
| | 5 | 8/21/2020 | EEC | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | 4.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | EEC | 6.9 | 3.2 | 400 | 0.20 J | 0.13 J | 28 | -- | 6.5 | 23 | 520 | 5.0 | 8.6 | <3.1 | <0.51 | <3.1 | 25 | 74 | 0.081 J |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-21 | 2 | 8/21/2020 | EEC | <2.9 | 5.0 | 110 | 0.38 J | <0.48 | 18 | -- | 8.3 | 18 | 5.9 | <0.96 | 14 | <2.9 | <0.48 | <2.9 | 36 | 43 | <0.14 |
| SB-22 | 2 | 8/21/2020 | EEC | <2.8 | 3.3 | 110 | 0.19 J | 0.19 J | 13 | -- | 6.1 | 18 | 50 | <0.94 | 8.4 | <2.8 | <0.47 | <2.8 | 24 | 45 | 0.055 J |
| SB-23 | 2 | 8/21/2020 | EEC | 730 | 23 | 280 | 0.40 J | 5.0 | 180 | -- | 17 | 110 | 4,100 | 36 | 26 | <2.8 | 0.59 | <2.8 | 26 | 540 | 0.91 |
| | 5 | 8/21/2020 | EEC | 1.7 J | 4.0 | -- | -- | -- | -- | -- | -- | -- | 5.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | EEC | 4.0 | 5.3 | 110 | 0.37 J | <0.46 | 17 | -- | 7.8 | 22 | 140 | <0.93 | 13 | <2.8 | <0.46 | <2.8 | 35 | 66 | 0.041 J |
| SB-25 | 2 | 8/21/2020 | EEC | 1.6 J | 7.0 | 110 | 0.37 J | <0.47 | 18 | -- | 8.4 | 23 | 110 | <0.93 | 14 | <2.8 | <0.47 | <2.8 | 37 | 100 | 0.097 J |
| SB-26 | 2 | 8/21/2020 | EEC | 1.9 J | 14 | 270 | 0.65 | <0.50 | 30 | -- | 14 | 34 | 9.3 | <0.99 | 24 | <3.0 | <0.50 | <3.0 | 54 | 72 | 0.051 J |
| | 5 | 8/21/2020 | EEC | -- | 6.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | EEC | <3.1 | 2.2 | 77 | 0.18 J | 0.12 J | 18 | -- | 5.2 | 15 | 100 | 0.70 J | 14 | <3.1 | 5.1 | <3.1 | 25 | 77 | 0.080 J |
| SB-28 | 2 | 8/21/2020 | EEC | <3.2 | 3.1 | 76 | 0.48 J | <0.53 | 15 | -- | 4.9 | 11 | 15 | 0.94 J | 9.3 | <3.2 | <0.53 | <3.2 | 31 | 34 | 0.11 J |
| SB-29 | 2 | 8/21/2020 | EEC | <2.6 | 2.1 | 74 | 0.16 J | <0.44 | 15 | -- | 4.5 | 9.3 | 47 | <0.88 | 14 | <2.6 | 0.20 J | <2.6 | 27 | 46 | 0.048 J |
| SB-30 | 2 | 8/22/2020 | EEC | <3.3 | 2.7 | 59 | 0.25 J | <0.56 | 8.7 | -- | 3.8 | 9.8 | 6.1 | <0.66 | 7.0 | <3.3 | <3.3 | <3.3 | 20 | 27 | <0.12 |
| SB-31 | 2 | 8/22/2020 | EEC | <2.6 | 5.0 | 85 | 0.67 | <0.43 | 19 | | 9.3 | 32 | 19 | <0.86 | 15 | <2.6 | <0.43 | <2.6 | 44 | 63 | 0.058 J |
| SB-32 | 2 | 8/22/2020 | EEC | <3.3 | 4.3 | 87 | 0.36 J | <0.56 | 12 | | 6.7 | 19 | 12 | <1.1 | 14 | <3.3 | <0.56 | <3.3 | 34 | 49 | 0.055 J |
| SB-33 | 2 | 8/22/2020 | EEC | <2.7 | 6.9 | 170 | 0.55 | <0.45 | 24 | | 11 | 47 | 12 | <0.89 | 18 | <2.7 | <0.45 | <2.7 | 45 | 68 | <0.13 |
| EFI1-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 62.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI2-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 791 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI3-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI4-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 137 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI5-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 686 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 13.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 36.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 506 | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 41.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 702 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 57.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 71 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.36 | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 34.6 | -- | -- | -- | -- | -- | -- | -- | -- |

Table A-1: June 2021 and Historical Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| B5-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92.4 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 19,900 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 662 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 668 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 23.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 15.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9,790 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 111 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 30 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 24.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 170 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4,470 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 52.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1,210 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 775 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 473 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 61.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2,330 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 306 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| LV-1-1 | 1 | 06/23/2021 | LCI | <2.91 | <2.43 | 27.8 | <0.243 | <0.485 | 1.84 | -- | <0.971 | 3.4 | <4.85 | <0.485 | 0.491 | <4.85 | <0.971 | <4.85 | 11.1 | <9.71 | 0.19 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <2.97 | 2.71 | 47.8 | <0.248 | <0.495 | 4.06 | -- | 1.8 | 3.18 | <4.95 | <0.495 | 11.5 | <4.95 | <0.990 | <4.95 | 4.21 | <9.90 | <0.0833 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <2.99 | 3.54 | 187 | 0.436 | <0.498 | 10.7 | -- | 5.39 | 14.5 | 12.1 | <0.498 | 24.4 | <4.98 | <0.995 | <4.98 | 16.3 | 19.3 | 0.241 |
| LV-1-15 | 15 | 06/23/2021 | LCI | <3.00 | 4.09 | 252 | 0.606 | <0.500 | 16.1 | -- | 7.74 | 17.7 | 5.23 | <0.500 | 32.4 | <5.00 | <1.00 | <5.00 | 23.4 | 23 | <0.0847 |
| LV-1-20 | 20 | 06/23/2021 | LCI | <2.91 | 2.55 | 41.2 | <0.243 | <0.485 | 2.68 | -- | 1.48 | 3.82 | <4.85 | <0.485 | 6.3 | <4.85 | <0.971 | <4.85 | 4.22 | <9.71 | 0.112 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <2.88 | <2.40 | 51.7 | 0.345 | <0.481 | 8.22 | -- | 4.73 | 7.92 | <4.81 | <0.481 | 7.4 | <4.81 | <0.962 | <4.81 | 17.6 | 22.4 | <0.0820 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <3.16 | 4.84 | 25.4 | <0.263 | <0.526 | 5.58 | -- | 2.66 | 2.47 | <5.26 | <0.526 | 3.88 | <5.26 | <1.05 | <5.26 | 8.13 | 12 | <0.0833 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <2.96 | <2.46 | 52.1 | 0.254 | <0.493 | 7.09 | -- | 8.55 | 5.45 | <4.93 | <0.493 | 6.15 | <4.93 | <0.985 | <4.93 | 13.3 | 18.9 | <0.0877 |
| LV-2-15 | 15 | 06/22/2021 | LCI | <3.09 | <2.58 | 36.9 | <0.258 | <0.515 | 5.41 | -- | 4.38 | 5.13 | <5.15 | <0.515 | 4.61 | <5.15 | <1.03 | <5.15 | 10.8 | 14.6 | <0.0847 |
| LV-2-20 | 20 | 06/22/2021 | LCI | <2.93 | <2.44 | 85.1 | <0.244 | <0.488 | 2.32 | -- | 2.82 | 2.18 | <4.88 | <0.488 | 1.57 | <4.88 | <0.976 | <4.88 | 12.4 | 14.4 | <0.0794 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <3.02 | <2.51 | 110 | 0.56 | <0.503 | 89.6 | <400 | 22 | 33.9 | <5.03 | <0.503 | 106 | <5.03 | <1.01 | <5.03 | 41.8 | 43.9 | 0.431 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <2.96 | <2.46 | 88.4 | 0.493 | <0.493 | 67.5 | <400 | 14.8 | 22.9 | <4.93 | <0.493 | 69 | <4.93 | <0.985 | <4.93 | 43 | 30.7 | <0.0862 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <3.08 | <2.56 | 71.1 | 0.479 | <0.513 | 80.7 | <400 | 17.8 | 28.3 | <5.13 | <0.513 | 82 | <5.13 | <1.03 | <5.13 | 44.2 | 32.4 | <0.0794 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <3.13 | <2.60 | 76.8 | <2.60 | <0.521 | 6.51 | -- | 3.32 | 6.90 | <0.521 | <0.521 | 5.84 | <5.21 | <1.04 | <5.21 | 12.3 | 16.1 | <0.0847 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <3.00 | 3.94 | 225 | <0.250 | <0.500 | 9.51 | -- | 3.45 | 7.69 | <5.00 | <0.500 | 6.87 | <5.00 | <1.00 | <5.00 | 17.4 | 20.9 | 0.192 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <2.99 | 6.73 | 182 | 0.408 | <0.498 | 12.4 | -- | 7.78 | 18.4 | <4.98 | <0.498 | 12.4 | <4.98 | <0.995 | <4.98 | 27.2 | 38.8 | <0.0820 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <2.94 | 3.4 | 109 | 0.29 | <0.490 | 7.1 | -- | 3.62 | 7.97 | 7.28 | <0.490 | 15.3 | <4.90 | <0.980 | <4.90 | 9.24 | 13.2 | <0.0806 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <2.99 | <2.49 | 84.4 | <0.249 | <0.498 | 6.35 | -- | 2.9 | 7.41 | 6.94 | <0.498 | 14.7 | <4.98 | <0.995 | <4.98 | 8.63 | 12.7 | <0.0820 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <2.96 | 3.51 | 93.7 | 0.25 | <0.493 | 6.69 | -- | 3.13 | 8.33 | 17.5 | <0.493 | 14.3 | <4.93 | <0.985 | <4.93 | 8.68 | 13.3 | 0.085 |
| LV-5-15 | 15 | 06/23/2021 | LCI | <3.00 | 2.8 | 166 | 0.365 | <0.500 | 7.52 | -- | 4.13 | 9.91 | 7.63 | <0.500 | 18.6 | <5.00 | <1.00 | <5.00 | 9.9 | 12.7 | 0.114 |
| LV-5-20 | 20 | 06/23/2021 | LCI | <3.09 | 4.18 | 106 | 0.269 | <0.515 | 6.27 | -- | 3.32 | 9.47 | 13.6 | <0.515 | 13.8 | <5.15 | <1.03 | <5.15 | 9.83 | 13.3 | 0.0855 |

Table A-1: June 2021 and Historical Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| LV-6-1 | 1 | 06/22/2021 | LCI | <2.88 | 2.4 | 15.2 | <0.240 | <0.481 | 2.47 | -- | 0.991 | 1.13 | <4.81 | <0.481 | 1.54 | <4.81 | <0.481 | <4.81 | 3.35 | <9.62 | 0.116 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <2.91 | <2.43 | 13.7 | <0.243 | <0.485 | 1.95 | -- | <0.971 | <0.971 | <4.85 | <0.485 | 1.05 | <4.85 | <0.971 | <4.85 | 2.42 | <9.71 | <0.0820 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <2.99 | 3.6 | 11.7 | <0.249 | <0.498 | 3.04 | -- | 1.17 | 1.22 | <4.98 | <0.498 | 1.97 | <4.98 | <0.995 | <4.98 | 4.08 | <9.95 | 0.165 |
| LV-6-15 | 15 | 06/22/2021 | LCI | <3.00 | <2.50 | 86.8 | 0.451 | <0.500 | 12.3 | -- | 6.37 | 9.25 | <5.00 | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 22.5 | 31.4 | <0.0877 |
| LV-6-20 | 20 | 06/22/2021 | LCI | <3.09 | <2.58 | 61.1 | 0.318 | <0.515 | 10.3 | -- | 5.08 | 6.26 | <5.15 | <0.515 | 7.26 | <5.15 | <1.03 | <5.15 | 18.5 | 23.9 | 0.123 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <3.09 | <2.58 | 56.5 | 0.343 | <0.515 | 51.3 | 700 | 11.3 | 21.9 | <5.15 | <0.515 | 48.2 | <5.15 | <1.03 | <5.15 | 31 | 19.6 | <0.0833 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <3.06 | 40.2 | 157 | 0.43 | 1.97 | 18.5 | -- | 16.5 | 1250 | 109 | <0.510 | 12.5 | <5.10 | <1.02 | <5.10 | 30.8 | 1770 | <0.0806 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <3.03 | <2.53 | 102 | 0.717 | <0.505 | 109 | 480 | 21.9 | 34.6 | <5.05 | <0.505 | 97.8 | <5.05 | <1.01 | <5.05 | 68.6 | 38.2 | <0.0862 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2.93 | <2.44 | 36.1 | <0.244 | <0.488 | 3.72 | -- | 3.82 | 5.54 | <4.88 | <0.488 | 6.85 | <4.88 | <0.976 | <4.88 | 6.97 | 13.9 | 0.143 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2.88 | <2.40 | 30.1 | 0.288 | <0.481 | 7.29 | -- | 5.11 | 7.96 | <4.81 | <0.481 | 9.44 | <4.81 | <0.962 | <4.81 | 14.1 | 34.2 | <0.0794 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2.90 | <2.42 | 46.6 | <0.242 | <0.483 | 5.30 | -- | 3.03 | 7.82 | <4.83 | <0.483 | 5.09 | <4.83 | <0.966 | <4.83 | 10.9 | 16.9 | 0.0996 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2.97 | <2.48 | 34.2 | <0.248 | <0.495 | 2.31 | -- | 2.30 | 3.42 | <4.95 | <0.495 | 3.36 | <4.95 | <0.990 | <4.95 | 4.39 | <9.90 | <0.0820 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <2.93 | <2.44 | 144 | 0.573 | <0.488 | 27.6 | -- | 8.40 | 14.2 | 8.62 | <0.488 | 49.5 | <4.88 | <0.976 | <4.88 | 23.1 | 47.2 | <0.0877 |
| LV-9-5 | 5.0 | 06/22/2021 | LCI | <3.00 | 30.0 | 121 | 0.348 | 1.58 | 13.9 | -- | 11.9 | 986 | 93.1 | <0.500 | 9.86 | <5.00 | <1.00 | <5.00 | 24.1 | 1210 | <0.0862 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <3.16 | <2.63 | 87.2 | 0.445 | <0.526 | 66.4 | 3600 | 14.6 | 27.4 | <5.26 | <0.526 | 67.3 | <5.26 | <1.05 | <5.26 | 35.6 | 32.8 | <0.0820 |
| LV-10-1 | 1 | 06/21/2021 | LCI | 12.5 | 3.36 | 434 | <0.258 | 3.22 | 207 | 73000 | 11.20 | 73.2 | 2680.0 | 22.7 | 14.3 | <5.15 | 1.74 | <5.15 | 16 | 293 | 1.22 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.56 | 104 | 0.415 | <0.513 | 14.4 | -- | 8.04 | 18 | <5.13 | <0.513 | 11.6 | <5.13 | <1.03 | <5.13 | 25.8 | 36 | <0.0877 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.5 | 152 | 0.616 | 1.23 | 21.3 | -- | 12.00 | 28.5 | <5.00 | <0.500 | 20.1 | <5.00 | <1.00 | <5.00 | 38.7 | 82.6 | 0.105 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <3.08 | <2.56 | 46.8 | <0.256 | <0.513 | 5.73 | -- | 3.79 | 9.86 | 11.9 | 1.04 | 3.7 | <5.13 | <1.03 | <5.13 | 9.62 | 33.0 | <0.0862 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 131 | 0.565 | <0.485 | 19.1 | -- | 9.52 | 33.9 | <4.85 | <0.485 | 14.5 | <4.85 | <0.971 | <4.85 | 32.6 | 46.4 | <0.0820 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <2.87 | <2.39 | 128 | 0.358 | <0.478 | 14.8 | -- | 7.22 | 18.7 | <4.78 | <0.478 | 10.7 | <4.78 | <0.957 | <4.78 | 26.2 | 33.3 | <0.0877 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <2.85 | <2.36 | 141 | 0.641 | 0.479 | 20.9 | -- | 11.7 | 33 | 47.2 | <0.476 | 17.3 | <4.76 | <0.952 | <4.76 | 41.6 | 47.3 | <0.0877 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.50 | 122 | 0.448 | <0.500 | 15.7 | -- | 9.46 | 21.2 | <5.00 | <0.500 | 13.6 | <5.00 | <1.00 | <5.00 | 31.1 | 42.8 | <0.0877 |
| LV-12-1 | 1 | 06/21/2021 | LCI | <3.00 | 5.01 | 95.2 | <0.250 | 1.35 | 12.1 | -- | 10.3 | 21.8 | 166 | 1.06 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0847 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <3.06 | <2.55 | 107 | 0.497 | <0.510 | 18.7 | -- | 8.30 | 24.6 | <5.10 | <0.510 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0833 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <3.13 | <2.51 | 145 | 0.27 | <0.521 | 10.7 | -- | 5.93 | 13.4 | <5.21 | <0.521 | 8.08 | <5.21 | <1.04 | <5.21 | 21.6 | 25.9 | 0.197 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | <2.51 | 145 | 0.533 | <0.503 | 19.3 | -- | 11.40 | 25.3 | <5.03 | <0.503 | 15.9 | <5.03 | <1.01 | <5.03 | 39.6 | 47.8 | <0.0820 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <3.16 | <2.63 | 166 | 0.538 | <0.526 | 18.8 | -- | 11.20 | 25.4 | <5.26 | <0.526 | 16 | <5.26 | <1.05 | <5.26 | 38.7 | 50.1 | 0.0934 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <3.11 | <2.59 | 17.3 | <0.259 | <0.518 | 4.46 | -- | 2.06 | 3.87 | <5.18 | <0.518 | 3.88 | <5.18 | <1.04 | <5.18 | 7.21 | 13.9 | <0.0833 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 82.0 | 0.287 | <0.526 | 8.26 | -- | 4.93 | 11.5 | 8.08 | <0.526 | 9.02 | <5.26 | <1.05 | <5.26 | 15.0 | 27.4 | <0.0847 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <3.02 | <2.51 | 82.8 | 0.320 | <0.503 | 9.41 | -- | 5.37 | 13.8 | 12.7 | <0.503 | 9.84 | <5.03 | <1.01 | <5.03 | 15.7 | 32.4 | 0.134 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <2.93 | <2.44 | 32.6 | <0.244 | <0.488 | 2.54 | -- | 1.52 | 3.56 | <4.88 | <0.488 | 2.49 | <4.88 | <0.976 | <4.88 | 5.03 | 12.1 | 0.201 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <2.99 | 4.61 | 149 | 0.553 | 0.798 | 12.8 | -- | 5.58 | 23.6 | 28.4 | <0.498 | 11.4 | <4.98 | <0.995 | <4.98 | 20.0 | 53.9 | <0.0820 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <3.00 | <2.50 | 200 | <0.250 | <0.500 | 5.42 | -- | 20.4 | 8.46 | <5.00 | <0.500 | 14.1 | <5.00 | <1.00 | <5.00 | 8.77 | 17.5 | 0.195 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <3.09 | <2.58 | 19.5 | <0.258 | <0.515 | 4.20 | -- | 2.62 | 2.97 | <5.15 | <0.515 | 4.33 | <5.15 | <1.03 | <5.15 | 7.75 | 13.2 | 0.0833 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <3.13 | 2.86 | 141 | 0.370 | <0.521 | 11.8 | -- | 6.31 | 19.3 | 18.0 | <0.521 | 10.6 | <5.21 | <1.04 | <5.21 | 21.7 | 43.9 | <0.0877 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 44.8 | <0.263 | <0.526 | 5.19 | -- | 3.48 | 6.20 | <5.26 | <0.526 | 5.27 | <5.26 | <1.05 | <5.26 | 8.38 | 17.1 | 0.120 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <3.02 | <2.51 | 38.2 | <0.251 | <0.503 | 4.87 | -- | 3.49 | 6.96 | <5.03 | <0.503 | 5.01 | <5.03 | <1.01 | <5.03 | 8.77 | 15.6 | <0.0820 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <3.09 | <2.58 | 35.4 | <0.258 | <0.515 | 3.26 | -- | 2.36 | 7.57 | 6.5 | <0.515 | 3.81 | <5.15 | <1.03 | <5.15 | 5.96 | 15.8 | <0.0806 |
| LV-15-1 | 1 | 06/21/2021 | LCI | 13.6 | <2.59 | 135 | 0.384 | 1.08 | 78.3 | 22000 | 8.63 | 54.6 | 1640 | 15.7 | 12.2 | <5.18 | <1.04 | <5.18 | 21.3 | 86.7 | 0.4 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <3.08 | <2.56 | 57.1 | 0.265 | 1.42 | 10.7 | -- | 6.64 | 51.7 | 10 | <0.513 | 7.92 | <5.13 | <1.03 | <5.13 | 17.2 | 56.2 | <0.0847 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <3.02 | 13.5 | 97.6 | 0.426 | <0.503 | 16 | -- | 10.6 | 24.5 | <5.03 | <0.503 | 16.4 | <5.03 | <1.01 | <5.03 | 34.1 | 43.7 | <0.0794 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | 20.5 | 203 | 0.543 | <0.503 | 19.7 | -- | 12.0 | 27.6 | <5.03 | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 42.9 | 51.0 | <0.0820 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <2.97 | <2.48 | 116 | 0.386 | <0.495 | 13.8 | -- | 8.93 | 20.6 | <4.95 | <0.495 | 12.3 | <4.95 | <0.99 | <4.95 | 29.4 | 37.7 | <0.0806 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <2.91 | <2.43 | 67.2 | <0.243 | <0.485 | 5.27 | -- | 10.90 | 11.3 | <4.85 | <0.485 | 4.26 | <4.85 | <0.971 | <4.85 | 11.5 | 19.6 | <0.0820 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | 7.67 | 136 | 0.515 | <0.485 | 17.6 | -- | 8.94 | 27.7 | <4.85 | <0.485 | 13.4 | <4.85 | <0.971 | <4.85 | 30.6 | 41.2 | <0.0833 |
| LV-16-5 | 5.0 | 06/21/2021 | LCI | <2.93 | 6.92 | 141 | 0.389 | <0.488 | 14.1 | -- | 7.75 | 18.6 | <4.88 | <0.488 | 11.4 | <4.88 | <0.976 | <4.88 | 24.9 | 31.8 | <0.0833 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.40 | 55.8 | <0.24 | <0.481 | 7.38 | -- | 4.55 | 9.23 | <4.81 | <0.481 | 6.07 | <4.81 | <0.962 | <4.81 | 15.5 | 20.3 | <0.0847 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <2.91 | <2.43 | 97.2 | 0.345 | <0.485 | 12.1 | -- | 7.57 | 15.1 | <4.85 | <0.485 | 10.1 | <4.85 | <0.971 | <4.85 | 25.5 | 31.2 | <0.0862 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <3.06 | <2.55 | 80.2 | 0.274 | <0.510 | 10.5 | -- | 5.49 | 12.7 | 10.8 | 0.543 | 7.95 | <5.10 | <1.02 | <5.10 | 18.2 | 28.4 | <0.0862 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <2.96 | <2.46 | 83.2 | 0.337 | 0.578 | 10.3 | -- | 6.71 | 19.8 | 9.7 | <0.493 | 7.62 | <4.93 | <0.985 | <4.93 | 22.7 | 49.8 | <0.0794 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.5 | 83.1 | 0.379 | <0.5 | 13.1 | -- | 7.23 | 15.2 | <5.00 | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 23.7 | 30.9 | <0.0862 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 84.4 | <0.243 | <0.485 | 8.4 | -- | 4.55 | 10.9 | <4.85 | <0.485 | 6.28 | <4.85 | <0.971 | <4.85 | 16.1 | 23.2 | <0.0847 |
| LV-17-10 | 10.0 | 06/21/2021 | LCI | <2.93 | <2.44 | 95.8 | 0.503 | <0.488 | 17.8 | -- | 10.7 | 23.8 | <4.88 | <0.488 | 15.1 | <4.88 | <0.976 | <4.88 | 33.9 | 42.4 | <0.0877 |
| LV-18-1 | 1.0 | 06/21/2021 | LCI | <3.11 | <2.59 | 112 | 0.417 | 0.961 | 18.5 | -- | 8.98 | 28.3 | 226.0 | <0.518 | 14.4 | <5.18 | <1.04 | <5.18 | 27.4 | 135 | <0.0820 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <3.00 | <2.5 | 35.4 | <0.25 | <0.500 | 5.06 | -- | 2.74 | 6.88 | <5.0 | <0.5 | 4.2 | <5.00 | <1.00 | <5.00 | 8.09 | 17.4 | <0.0820 |
| LV-18-5 | 5.0 | 06/21/2021 | LCI | <2.96 | <2.46 | 161 | 0.494 | <0.493 | 18 | -- | 9 | 22.9 | <4.93 | <0.493 | 14 | <4.93 | <0.985 | <4.93 | 27.9 | 46.5 | <0.0833 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 156 | 0.584 | <0.526 | 21.6 | -- | 12.3 | 26.7 | <5.26 | <0.526 | 17.5 | <5.26 | <1.05 | <5.26 | 42.3 | 56.5 | <0.0862 |
| LV-18-10 | 10.0 | 06/21/2021 | LCI | <3.02 | <2.51 | 123 | 0.66 | <0.503 | 22.7 | -- | 11.7 | 37.7 | <5.03 | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 41.9 | 50.8 | <0.0862 |

Table A-1: June 2021 and Historical Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| LV-19-1 | 1.0 | 06/21/2021 | LCI | 2.98 | <2.43 | 99.6 | <0.243 | 1.36 | 23.0 | -- | 5.17 | 27.6 | 631.0 | 1.5 | 8.61 | <4.85 | <0.971 | <4.85 | 13.2 | 133 | <0.0847 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <2.93 | 5.08 | 113 | 0.359 | <0.488 | 13.0 | -- | 7.27 | 25.1 | 41.7 | <0.488 | 10.4 | <4.88 | <0.976 | <4.88 | 24.3 | 59.2 | <0.0847 |
| LV-19-5 | 5.0 | 06/21/2021 | LCI | <3.0 | <2.5 | 121 | 0.38 | <0.5 | 13.8 | -- | 7.39 | 16.5 | <5.00 | <0.500 | 10.7 | <5.00 | <1.00 | <5.00 | 22.5 | 34.5 | <0.0833 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.4 | 92.1 | 0.281 | <.481 | 10.4 | -- | 5.89 | 12.4 | <4.81 | <0.481 | 8.22 | <4.81 | <0.962 | <4.81 | 21 | 27.6 | <0.0847 |
| LV-19-10 | 10.0 | 06/21/2021 | LCI | <3.13 | <2.6 | 196 | 0.796 | 0.95 | 67.6 | 2200 | 12.1 | 83.1 | <5.21 | <0.521 | 20.6 | <5.21 | <1.04 | <5.21 | 75.3 | 72.9 | 0.941 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 71.6 | <0.263 | 0.566 | 22.2 | -- | 4.33 | 24.9 | 125 | 2.15 | 8.49 | <5.26 | <1.05 | <5.26 | 10.6 | 153 | <0.0806 |

-- = not analyzed
(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
(b) = Department of Toxic Substances Control (DTSC) Screening Level for Industrial Soils; June 2020
J = Estimated value; concentration above the method detection limit but below the reporting limit
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
< 2.6 = not detected above the method detection limit or reporting limit
EEC = EEC Environmental
EFI = EFI Global
LCI = Leighton Consulting, Inc.
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| HP-1 | 10 | 9/18/2020 | EEC | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 3.3 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 4.2 J | 0.64 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 0.99 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | <110 | <5.4 | <5.4 | <5.4 | <5.4 | Methylene Chloride = 3.7 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 1.8 J | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | 0.32 J | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | <120 | <6.1 | <120 | <6.1 | <6.1 | <6.1 | <6.1 | Methylene Chloride = 2.8 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | <96 | <4.8 | <4.8 | <4.8 | <4.8 | Methylene Chloride = 2.6 B,J | -- | -- | -- |
| HP-2 | 10 | 9/18/2020 | EEC | 5.3 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | <91 | <4.5 | <4.5 | <4.5 | <4.5 | Methylene Chloride = 2.7 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 3.1 J | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <120 | <5.8 | <120 | <5.8 | <5.8 | <5.8 | <5.8 | Methylene Chloride = 2.4 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 1.6 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 0.52 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | <110 | <5.4 | <5.4 | <5.4 | <5.4 | Methylene Chloride = 2.5 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | 1.9 J | 2.0 J | 3.3 J | <5.1 | <5.1 | <5.1 | 0.29 J | 0.98 J | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | <100 | <5.1 | <100 | <5.1 | <5.1 | <5.1 | <5.1 | Methylene Chloride = 2.1 B,J | -- | -- | -- |
| HP-3 | 10 | 9/18/2020 | EEC | 14 | 1.7 J | <6.6 | <6.6 | <6.6 | <6.6 | 1.0 J | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <130 | <6.6 | <130 | <6.6 | <6.6 | <6.6 | <6.6 | Methylene Chloride = 1.8 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 1.1 J | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 1.6 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 0.74 J | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <110 | <5.6 | <110 | <5.6 | <5.6 | <5.6 | <5.6 | Methylene Chloride = 1.7 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | 2.9 J | 15 | 5.7 | 0.30 J | <4.1 | <4.1 | 0.83 J | <4.1 | <4.1 | <4.1 | <4.1 | <4.1 | 2.7 J | <82 | <4.1 | 4.2 J | <4.1 | <4.1 | <4.1 | <4.1 | Methylene Chloride = 1.2 B,J | -- | -- | -- |
| HP-4 | 10 | 9/18/2020 | EEC | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 0.94 J | <5.3 | 0.35 J | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 1.3 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 0.60 J | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <110 | <5.7 | <110 | <5.7 | <5.7 | <5.7 | <5.7 | ND | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | <5.1 | 0.63 J | 33 | 0.69 J | 0.43 J | 0.77 J | 0.39 J | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | 13 | <100 | <5.1 | 4.9 J | <5.1 | <5.1 | 1.9 J | <5.1 | Methylene Chloride = 0.95 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | <4.3 | 0.87 J | 15 | <4.3 | 0.23 J | <4.3 | 0.41 J | <4.3 | <4.3 | <4.3 | <4.3 | <4.3 | 5 | <86 | <4.3 | 5.0 J | <4.3 | <4.3 | 1.1 J | <4.3 | Methylene Chloride = 0.57 B,J | -- | -- | -- |
| SB-1 | 2 | 8/22/2020 | EEC | 0.40 J | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 3.7 J | 2.5 J | 0.47 J | 0.99 J | <3.9 | <3.9 | <3.9 | <78 | <3.9 | 4.1 J | <3.9 | <3.9 | <3.9 | 0.21 J | ND | <10 | <10 | 49 B |
| | 5 | 8/22/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.57 J | 0.22 J | 0.21 J | 1.1 J | <4.5 | <4.5 | <4.5 | <89 | <4.5 | 3.7 J | <4.5 | <4.5 | <4.5 | 0.16 J | ND | <10 | <10 | 8.9 B,J |
| SB-2 | 2 | 8/22/2020 | EEC | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 9.2 | 5.9 | 0.89 J | 1.5 J | <4.9 | <4.9 | <4.9 | 110 | <4.9 | 15 J | <4.9 | <4.9 | <4.9 | 0.37 J | ND | <10 | <10 | 16 B |
| | 5 | 8/22/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 9.8 | 4.6 J | 0.61 J | 0.91 J | <5.0 | <5.0 | <5.0 | 68 J | <5.0 | 8.7 J | <5.0 | <5.0 | <5.0 | <5.0 | ND | <10 | <10 | <10 |
| SB-3 | 10 | 8/21/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.91 J | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | 1.5 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | <10 | <10 |
| | 15 | 8/21/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 0.28 J | 0.26 J | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <110 | <5.7 | 2.0 J | <5.7 | <5.7 | <5.7 | <5.7 | ND | <9.9 | <9.9 | <9.9 |
| SB-4 | 2 | 8/21/2020 | EEC | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 6.4 | 3.2 J | 0.49 J | 1.2 J | <4.8 | <4.8 | <4.8 | 63 J | <4.8 | 10 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | 22 B |
| | 5 | 8/21/2020 | EEC | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 | 4.0 J | 0.36 J | 0.77 J | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 J | <4.2 | <4.2 | <4.2 | <4.2 | ND | <9.9 | <9.9 | 32 B |
| SB-5 | 2 | 8/21/2020 | EEC | 1.5 J | 0.26 J | <5.3 | <5.3 | <5.3 | <5.3 | 13 | 25 | 2.5 J | 8.4 J | <5.3 | <5.3 | <5.3 | 140 | <5.3 | 15 J | <5.3 | 1.7 J | <5.3 | <5.3 | ND | <10 | <10 | 70 |
| | 5 | 8/21/2020 | EEC | 0.35 J | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 0.96 J | 8.0 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 4.3 J | <4.9 | <4.9 | <4.9 | <4.9 | ND | <10 | <10 | 4.9 B,J |
| SB-6 | 2 | 8/22/2020 | EEC | 0.59 J | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 7.8 | 6.3 | 1.1 J | 1.8 J | 0.27 J | <3.9 | <3.9 | 77 J | <3.9 | 8.7 J | <3.9 | <3.9 | <3.9 | 0.19 J | ND | <10 | <10 | <10 |
| | 5 | 8/22/2020 | EEC | 0.64 J | 1.0 J | <6.4 | <6.4 | <6.4 | <6.4 | 2.9 J | 0.65 J | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 7.5 J | <6.4 | <6.4 | <6.4 | <6.4 | ND | <10 | <10 | <10 |
| SB-7 | 2 | 8/22/2020 | EEC | 0.40 J | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 0.22 J | <5.0 | 0.24 J | 1.6 J | <5.0 | <5.0 | 92 J | 3.0 J | 15 J | <5.0 | <5.0 | <5.0 | <5.0 | ND | <20 | <20 | 50 B |
| | 5 | 8/22/2020 | EEC | 7.1 | 2.9 J | <4.5 | <4.5 | <4.5 | <4.5 | 5.8 | 4.5 | 0.77 J | 1.1 J | <4.5 | <5.1 | <4.5 | 130 | 2.3 J | 9.2 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | 4.5 J | <10 |
| SB-8 | 2 | 8/21/2020 | EEC | 0.35 J | 1.2 J | <4.0 | <4.0 | <4.0 | <4.0 | 4.9 | 3.7 J | 1.4 J | 3.9 J | 3.8 J | 2.5 J | <4.0 | 190 | <4.0 | 28 J | 0.95 J | <4.0 | <4.0 | 0.59 B,J | 1,1,2,2-TCE = 12; Propylbenzene = 0.62 J; sec-Butylbenzene = 0.43 J; para-Isopropyl Toluene = 1.3J; n-Butylbenzene = 0.77 J | <50 | 100 | 1,400 |
| | 5 | 8/21/2020 | EEC | 0.87 J | 0.74 J | <4.1 | <4.1 | <4.1 | <4.1 | 13 | 11 | 1.9 J | 2.9 J | 0.33 J | <4.1 | <4.1 | 50 J | <4.1 | 8.8 J | <4.1 | <4.1 | <4.1 | 0.17 B,J | ND | <9.9 | <9.9 | 5.7 B,J |
| SB-9 | 2 | 8/21/2020 | EEC | <4.8 | 0.30 J | <4.8 | <4.8 | <4.8 | <4.8 | 14 | 9.3 | 1.4 J | 2.1 J | 0.30 J | <4.8 | <4.8 | 120 | <4.8 | 18 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | 4.2 J | 4.4 J | 0.93 J | 1.8 J | 0.30 J | <5.1 | <5.1 | <5.1 | <5.1 | 5.5 J | <5.1 | 0.74 J | <5.1 | 0.30 | ND | <10 | <10 | 4.5 J |
| SB-10 | 2 | 8/21/2020 | EEC | 1.3 J | 2.8 J | <5.6 | <5.6 | <5.6 | <5.6 | 8.0 | 6.3 | 1.2 J | 3.1 J | <5.6 | <5.6 | <5.6 | 190 | 2.8 J | 17 J | <5.6 | 0.69 J | <5.6 | 0.24 | TBA = 10 | <110 | 180 | 850 |
| | 5 | 8/21/2020 | EEC | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 6.7 | 6.2 | 1.3 J | 2.2 J | <4.9 | <4.9 | <4.9 | <98 | <4.9 | 7.2 J | <4.9 | <4.9 | <4.9 | <4.9 | ND | <10 | <10 | 12 |
| SB-11 | 2 | 8/21/2020 | EEC | 230 J | 390 | 640 | 36 J | <240 | 100 J | 15 J | 5,700 | 330 | 2,800 | 1,100 | 610 | 46 J | 1,400 B, J | 200 B,J | 880 J | 47 J | 1,300 | <240 | 360 J | Chloromethane = 40 B,J; 1,1,1-TCA = 27 J; 1,2-DCA = 21 J; Chlorobenzene = 7.8 J; Propylbenzene = 88 J | 27 J | 350 | 1,100 |
| | 5 | 8/21/2020 | EEC | <4.2 | 2.4 J | 3.7 J | <4.2 | <4.2 | 0.94 J | 8.6 | 8.8 | 2.0 J | 3.3 J | 0.43 J | <4.2 | 0.74 J | 75 J | <4.2 | 12 J | <4.2 | 6.2 | 0.85 J | <4.2 | TBA = 66 | <10 | 4.2 J | <10 |
| SB-12 | 2 | 8/21/2000 | EEC | <4.4 | 1.7 J | 2.4 J | <4.4 | <4.4 | <4.4 | 20 | 20 | 4.5 | 8.0 J | 0.85 J | <4.4 | <4.4 | 49 J | <4.4 | 10 J | 0.43 J | <4.4 | <4.4 | 0.77 J | Propylbenzene = 0.43 J | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | 0.48 J | 6.0 | 8.8 | <3.6 | <3.6 | <3.6 | 5.9 | 3.2 J | 0.48 J | 0.23 J | <3.6 | <3.6 | 0.39 J | 48 J | <3.6 | 8.2 J | <3.6 | <3.6 | <3.6 | <3.6 | ND | <10 | <10 | <10 |
| SB-13 | 2 | 8/21/2020 | EEC | 1.1 J | 2.6 J | <4.8 | <4.8 | <4.8 | <4.8 | 1.4 J | 1.5 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 200 | <4.8 | 20 J | 78 | <4.8 | <4.8 | <4.8 | TBA = 12; Styrene = 2.4 J | <50 | 80 | 390 |
| | 5 | 8/21/2020 | EEC | <4.5 | 2.1 J | 1.5 J | <4.5 | <4.5 | <4.5 | 9.2 | 6.6 | 1.4 J | 2.3 J | <4.5 | <4.5 | <4.5 | 110 | <4.5 | 13 J | 2.1 J | <4.5 | <4.5 | <4.5 | TBA = 9.9 | <10 | <10 | <10 |
| | 10 | 8/21/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 3.3 J | 2.4 J | 0.53 J | 0.29 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | 5.1 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | <10 | <10 |

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| SB-14 | 2 | 8/21/2020 | EEC | 18 | 8.9 | <6.0 | <6.0 | 0.23 J | <6.0 | 0.59 J | 0.81 J | 0.63 J | 1.5 J | <6.0 | <6.0 | 2.4 J | 170 | <6.0 | 32 J | <6.0 | 5.4 J | <6.0 | 1.4 J | TBA = 12; TCFM = 0.56 J; Freon 113 = 0.92 J; 1,1,1-TCA = 35 Styrene = 2.5 J | <10 | 1,400 | 4,500 |
| | 5 | 8/21/2020 | EEC | 32 | 6.5 | 2.0 J | <5.1 | <5.1 | <5.1 | 5.6 | 7.6 | 100 | 100 | 12 | 7.6 | 3.7 J | 310 | 0.37 J | 52 J | 4.2 J | 6.7 | <5.1 | <5.1 | TBA = 24; 1,1,1-TCA = 4.8 J; Styrene= 3.0; Propylbenzene = 3.4 J; sec-Butylbenzene = 1.2 J; para-Isopropyl Toluene = 1.6 J; n-Butylbenzene = 1.4 J | <10 | <10 | <10 |
| SB-15 | 2 | 8/22/2020 | EEC | 0.66 J | 3.2 | <5.3 | <5.3 | <5.3 | <5.3 | 0.70 J | 0.79 J | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 70 J | <5.3 | 11 J | <5.3 | <5.3 | <5.3 | <5.3 | ND | <10 | <10 | <10 |
| | 5 | 8/22/2020 | EEC | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 0.69 J | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 82 J | <6.0 | 10 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <10 | <10 | <10 |
| SB-16 | 2 | 8/21/2020 | EEC | 1.9 J | 0.61 J | <4.6 | <4.6 | <4.6 | <4.6 | 1.4 J | 11 | 48 | 57 | 15 | 8.4 | 0.63 J | 160 | <4.6 | 21 J | 4.0 J | <4.6 | <4.6 | 3.4 J | TBA = 13; Propylbenzene = 5.0; sec-Butylbenzene = 1.5 J; para-Isopropyl Toluene = 2.3 J; n-Butylbenzene = 2.5 J | <10 | 4,900 | 13,000 |
| | 5 | 8/21/2020 | EEC | <4.7 | <4.7 | 0.65 J | <4.7 | <4.7 | <4.7 | 9.7 | 9.2 | 2.7 J | 6.3 J | 0.92 J | 0.42 J | 0.51 J | <94 | <4.7 | 7.8 J | <4.7 | <4.7 | <4.7 | <4.7 | TBA = 8.5 J | <10 | <10 | <10 |
| SB-17 | 2 | 8/22/2020 | EEC | 3.3 J | 13 | 5.0 | <4.1 | <4.1 | 1.1 J | 1.3 J | 43 | 120 | 99 | 31 | 12 | 34 | 500 | <4.1 | 72 J | 2.1 J | 16 | 9 | 3.6 J | TBA = 48 Chlorobenzene = 0.56 J Propylbenzene = 4.0 J; para-Isopropyl Toluene = 2.1 J; 1,2-DCB = 5.6 1,3-DCB = 0.70 J; 1,4-DCB = 1.7 J n-Butylbenzene = 2.4 J; 1,2,4-TCB = 5.2 | <10 | <10 | 5.5 J |
| | 5 | 8/22/2020 | EEC | <5.3 | 1.0 J | 1.1 J | <5.3 | <5.3 | 0.54 J | 9.9 | 14 | 53 | 40 | 8.5 | 3.3 J | 4.3 J | 150 | <5.3 | 19 | 0.76 J | 2.6 J | 15 | 1.4 J | TBA = 83; Chloroethane = 0.81J; Chlorobenzene = 0.49 J Propylbenzene = 1.0 J para-Isopropyl Toluene = 0.62 J; 1,2-DCB = 0.58 J 1,4-DCB = 1.7 J n-Butylbenzene = 0.78 J; 1,2,4-TCB = 2.4 J | 8.2 J | 50 | 130 |
| SB-18 | 2 | 8/22/2020 | EEC | 63 | 130 | 48 | <5.3 | <5.3 | 0.51 J | 7.6 | 5.7 | 1.2 J | 2.4 J | 0.52 J | <5.3 | 15 | 110 J | <5.3 | 17 J | <5.3 | <5.3 | <5.3 | <5.3 | Freon 113 = 4.6 J; Trans-1,2-DCE = 1.6 J; 1,2-DCP = 1.5 J; 1,2-DCB = 0.63 J | <10 | 5.3 J | 17 |
| | 5 | 8/22/2020 | EEC | 4.1 J | 15 | 22 | <5.0 | <5.0 | 0.94 J | 4.6 J | 3.3 J | 0.64 J | 0.33 J | <5.0 | <5.0 | 6.1 | <100 | <5.0 | 5.8 J | <5.0 | <5.0 | <5.0 | <5.0 | 1,2-DCP = 0.95 J; | <10 | <10 | 6.7 J |
| SB-19 | 2 | 8/21/2020 | EEC | 1.1 J | 3.0 J | 8.6 | 0.82 J | <7.8 | 30.0 | 21 | 65 | 23 | 83 | 8.3 | 4.0 J | 21 | 210 | <7.8 | 17 J | 1.9 J | 4.4 J | <7.8 | <7.8 | TBA = 18; 1,1-DCE = 3.0 J; 1,2-DCA = 0.96 J; Propylbenzene = 1.7 J; para-Isopropyl Toluene = 1.0 J; n-Butylbenzene = 1.7 J | 9.4 | 58 | 98 |
| | 5 | 8/21/2020 | EEC | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | 3.3 J | 6.2 | 1.5 J | 4.7 J | <4.6 | <4.6 | <4.6 | <93 | <4.6 | 5.0 J | <4.6 | <4.6 | <4.6 | <4.6 | TBA = 9.8 | <10 | <10 | <10 |
| SB-20 | 2 | 8/21/2020 | EEC | 0.30 J | 1.5 J | 1.2 J | 0.43 J | <100 | 10 | 4.4 | 55 | 40 | 60 | 100 | 30 | 3.1 J | <100 | 2.5 J | 23 J | 6.3 | <100 | <100 | 5.8 | TBA = 19; Chloroethane = 0.32 J;Chlorobenzene = 0.23 J; Propylbenzene = 11 tert-Butylbenzene = 1.0 J sec-Butylbenzene = 11 J; para-Isopropyl Toluene = 20; n-Butylbenzene = 15 | 150 | 510 | 960 |
| | 5 | 8/21/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 1.1 J | 0.66 J | <5.0 | <5.0 | 1.5 J | 0.58 J | <5.0 | 58 J,b | <5.0 | 7.3 J | <5.0 | <5.0 | <5.0 | 2.1 J | TBA = 18; sec-Butylbenzene = 0.44 J para-Isopropyl Toluene = 1.0 J; n-Butylbenzene = 0.71 J | <10 | <10 | <10 |
| SB-21 | 2 | 8/21/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 0.7 J | <5.0 | 1.6 J | 0.8 J | <5.0 | <5.0 | 180 | <5.0 | 42 J | <5.0 | 46 | <5.0 | 1.0 B,J | Methylene Chloride = 1.7 J | <10 | 35 | 51 |
| | 5 | 8/21/2020 | EEC | 4,100 | 1,200 | 110 J | <1,000 | <1,000 | <1,000 | 110 J | 49,000 | 12,000 | 75,000 | 13,000 | 3,500 | <1,000 | <20,000 | <1,000 | 380 J | 1,200 | <1,000 | <1,000 | 730 J | Propylbenzene = 1,900; para-Isopropyl Toluene = 410 J; n-Butylbenzene = 800 J | 240 | 1,500 | 1,700 |
| SB-21 | 10 | 8/21/2020 | EEC | 0.30 J | 0.30 J | 0.38 J | <4.8 | <4.8 | 1.2 J | 2.6 J | 5.8 | 3.4 J | 14 | 1.0 J | 0.25 J | 3.2 J | 57 J | <4.8 | 17 J | <4.8 | <4.8 | 0.36 J | 0.49 J | TBA = 19; 1,1,1-TCA = 0.21 J; 2-Chlorotoluene = 1.7 J | <10 | 9.7 J | 6.5 J |

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl-2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| SB-22 | 2 | 8/21/2020 | EEC | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | 0.63 J | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <88 | <4.4 | 5.6 J | <4.4 | <4.4 | <4.4 | <4.4 | ND | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | <5.2 | <5.2 | <5.2 | <5.2 | <5.2 | <5.2 | 13 | 16 | 3.7 J | <5.2 | 1.0 J | 0.33 J | <5.2 | 67 J,b | <5.2 | 8.8 J | 0.34 J | 0.82 J | <5.2 | 0.66 B,J | Propylbenzene = 0.41 J | <10 | <10 | 6.8 J |
| SB-23 | 2 | 8/21/2020 | EEC | 69 J | <1,500 | <1,500 | <1,500 | <1,500 | <1,500 | <1,500 | 2,400 | 4,100 | 33,000 | 33,000 | 9,900 | <1,500 | <30,000 | ND,1,500 | 1,800 J | 500 J | 3,200 | <1,500 | 6,300 | Methylene Chloride = 2,100; 1,1,1-TCA = 1,700; Propylbenzene = 2,100; sec-Butylbenzene = 1,500; para-Isopropyl Toluene = 590 J n-Butylbenzene = 6,500 | 2,600 | 8,500 | 33,000 |
| | 5 | 8/21/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 7.1 | 5.6 J | 1.1 J | 2.1 J | <5.7 | <5.7 | <5.7 | <110 | <5.7 | 7.1 J | <5.7 | <5.7 | <5.7 | 0.31 J | ND | <9.9 | 4.5 J | 18 |
| SB-24 | 2 | 8/21/2020 | EEC | 2.2 J | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | 9.5 | 8.4 | 1.3 J | 2.1 J | 0.39 J | <5.8 | <5.8 | <5.8 | <5.8 | 14 J | <5.8 | <5.8 | <5.8 | 0.19 B,J | ND | <20 | <20 | 74 |
| | 5 | 8/21/2020 | EEC | 0.98 J | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | 8.2 | 6.3 | 1.1 J | 1.9 J | <5.6 | <5.6 | <5.6 | <110 | <5.6 | 6.6 J | <5.6 | <5.6 | <5.6 | <5.6 | ND | <10 | <10 | 10 |
| SB-25 | 2 | 8/21/2020 | EEC | 0.38 J | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 1.6 J | <4.9 | 49 | 230 | 0.30 J | <4.9 | <4.9 | 90 J,b | <4.9 | 10 J | 0.68 J | <4.9 | <4.9 | 0.40 B,J | ND | <10 | <10 | 16 |
| | 5 | 8/21/2020 | EEC | 1.5 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 0.89 J | 0.50 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | 3.2 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | 9.7 J |
| SB-26 | 2 | 8/21/2020 | EEC | 44 | 3.3 J | <7.1 | <7.1 | <7.1 | <7.1 | 14 | 11 | 1.9 J | 2.8 J | 0.50 J | <7.1 | <7.1 | 110 J,b | <7.1 | 14 J | <7.1 | <7.1 | <7.1 | <7.1 | ND | <10 | 16 | 37 |
| | 5 | 8/21/2020 | EEC | 10 | 0.83 J | <6.8 | <6.8 | <6.8 | <6.8 | 3.7 J | 3.4 J | 0.41 | 1.3 J | 0.54 J | <6.8 | <6.8 | <100 | <6.8 | 35 J | <6.8 | 1.1 J | <6.8 | <6.8 | TBA = 36 | <50 | <50 | 130 |
| SB-27 | 2 | 8/21/2020 | EEC | 5.7 | 7.5 | 0.22 J | <4.8 | <4.8 | <4.8 | <4.8 | 0.32 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | 5.1 J | <4.8 | <4.8 | <4.8 | <4.8 | TBA = 10 | <10 | 40 | 400 |
| | 5 | 8/21/2020 | EEC | 6.3 | 10 | 2.5 J | <5.4 | <5.4 | <5.4 | 9.8 | 7.9 | 1.6 J | 2.6 J | 0.35 J | <5.4 | 1.6 J | <5.4 | 2.6 B,J | 6.8 J | <5.4 | 0.19 J | <5.4 | 0.24 J | ND | <10 | <10 | 8.6 J |
| SB-28 | 2 | 8/21/2020 | EEC | 52 | 21 | 2.4 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.54 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.62 J | <120 | 2.9 B,J | 5.7 J | <6.0 | 0.21 J | <6.0 | <6.0 | Freon 113 = 6.0 | <100 | <100 | 300 |
| | 5 | 8/21/2020 | EEC | 24 | 3.7 J | 2.3 J | <4.2 | <4.2 | <4.2 | 4.0 J | 3.7 J | 0.73 J | 1.2 J | <4.2 | <4.2 | 0.23 J | <83 | <4.2 | 3.3 J | <4.2 | <4.2 | <4.2 | 0.19 J | ND | <10 | <10 | 11 |
| SB-29 | 2 | 8/21/2020 | EEC | 140 | 11 | 0.21 J | <4.3 | <4.3 | <4.3 | 0.38 J | 0.41 J | 0.29 J | 1.3 J | <4.3 | <4.3 | <4.3 | 130 | 2.0 B,J | 26 J | <4.3 | <4.3 | <4.3 | 0.15 J | TBA = 12; 1,1,1-TCA = 0.18 J | <10 | <10 | 17 |
| | 5 | 8/21/2020 | EEC | 92 | 10 | 1.1 J | <6.1 | <6.1 | <6.1 | 5.4 J | 3.7 J | 0.66 J | 1.2 J | <6.1 | <6.1 | 0.39 J | <120 | <6.1 | 5.0 J | <6.1 | <6.1 | <6.1 | <6.1 | ND | <10 | <10 | 8.5 J |
| SB-30 | 2 | 8/22/2020 | EEC | 4.8 J | 0.48 J | <5.7 | <5.7 | <5.7 | <5.7 | 0.37 J | 0.46 J | <5.7 | 0.89 J | <5.7 | <5.7 | <5.7 | 63 J | <5.7 | 8.2 J | <5.7 | <5.7 | <5.7 | <5.7 | ND | <20 | <20 | 70 B |
| | 5 | 8/22/2020 | EEC | 37 | 4.5 | <4.2 | <4.2 | <4.2 | <4.2 | 8.9 | 4.2 | 0.55 J | 0.77 J | <4.2 | <4.2 | <4.2 | <83 | <4.2 | 7.9 J | <4.2 | <4.2 | <4.2 | <4.2 | 1,1,1-TCA = 0.40 J | <10 | <10 | 11 B |
| SB-31 | 2 | 8/22/2020 | EEC | 11 | 0.29 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.27 J | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <120 | <6.0 | 7.6 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <50 | <50 | 98 B |
| | 5 | 8/22/2020 | EEC | 39 | 2.4 J | <5.4 | <5.4 | <5.4 | <5.4 | 1.9 J | 0.35 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | 5.6 J | <5.4 | <5.4 | <5.4 | <5.4 | 1,1,1-TCA = 0.41 J | <10 | <10 | 14 B |
| SB-32 | 2 | 8/22/2020 | EEC | 8.0 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 0.24 J | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <130 | <6.4 | 4.6 J | <6.4 | 0.34 J | <6.4 | <6.4 | ND | <200 | <200 | 930 |
| | 5 | 8/22/2020 | EEC | 45 | 1.8 J | <4.7 | <4.7 | <4.7 | <4.7 | 2.8 J | 0.55 J | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | 56 J | <4.7 | 7.4 J | <4.7 | ND | <4.7 | ND | 1,1,1-TCA = 0.36 J | <10 | <10 | 11 B |
| SB-33 | 2 | 8/22/2020 | EEC | 43 | 1.9 J | <4.8 | <4.8 | <4.8 | <4.8 | 11 | 6.9 | 0.99 J | 1.6 J | <4.8 | <4.8 | <4.8 | 50 J,b | <4.8 | 7.6 J | <4.8 | <4.8 | <4.8 | <4.8 | 1,1,1-TCA = 0.25 J | <10 | 4.5 J | 14 B |
| | 5 | 8/22/2020 | EEC | 35 | 1.6 J | <6.0 | <6.0 | <6.0 | <6.0 | 10 | 6.1 | 0.92 J | 1.2 J | <6.0 | <6.0 | <6.0 | <120 | <6.0 | 10 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <10 | <10 | 10 B |
| LV-1-1 | 1 | 6/23/2021 | LCI | <0.80 | <1.6 | <0.80 | <0.8 | <0.8 | <0.8 | 1.6 | 0.9 | <0.8 | <1.6 | <1.6 | <1.6 | <0.8 | 18 | <16 | <16 | <0.80 | <16 | <1.6 | <8.0 | ND | <0.097 | <4.9 | 5.7 |
| LV-1-5 | 5 | 6/23/2021 | LCI | <0.78 | <1.6 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <1.6 | <0.78 | <16 | <16 | <16 | <0.78 | <16 | <1.6 | <7.8 | ND | <0.091 | <5.0 | 6.1 |
| LV-1-10 | 10 | 6/23/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | <20 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.099 | <5.0 | <5.0 |
| LV-1-15 | 15 | 6/23/2021 | LCI | <0.51 | <1.0 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <1.0 | <1.0 | <1.0 | <0.51 | <10 | <10 | <10 | <0.51 | <10 | <1.0 | <5.1 | ND | <0.010 | <5.0 | <5.0 |
| LV-1-20 | 20 | 6/23/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.010 | 5.6 | 7.9 |
| LV-2-1 | 1 | 6/22/2021 | LCI | <0.83 | <1.7 | <0.83 | <0.83 | <0.83 | <0.83 | 1.7 | 1.5 | <0.83 | <1.7 | <1.7 | <1.7 | <0.83 | 22 | <17 | <17 | <0.83 | <17 | <1.7 | <8.3 | ND | <0.085 | 9.4 | 33 |
| LV-2-5 | 5 | 6/22/2021 | LCI | <0.91 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | 1.9 | 1.4 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | 37 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | <0.079 | <5.0 | <5.0 |
| LV-2-10 | 10 | 6/22/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.12 | <5.0 | 8.0 |
| LV-2-15 | 15 | 6/22/2021 | LCI | <0.95 | <1.9 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <1.9 | <1.9 | <1.9 | <0.95 | <19 | <19 | <19 | <0.95 | <19 | <1.9 | <9.5 | ND | <0.092 | <5.0 | 8.1 |
| LV-2-20 | 20 | 6/22/2021 | LCI | <0.89 | <1.8 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <1.8 | <0.89 | <18 | <18 | <18 | <0.89 | <18 | <1.8 | <8.9 | ND | <0.10 | 5.6 | 7.9 |
| LV-3-1 | 1 | 6/22/2021 | LCI | 5.4 | 15 | 2.5 | <0.63 | <0.63 | <0.63 | 1.4 | 1.2 | <0.63 | <1.3 | <1.3 | <1.3 | 0.9 | 37 | <13 | <13 | <0.63 | <13 | <1.3 | <6.3 | ND | <0.063 | <50 | 360 |
| LV-3-5 | 5 | 6/22/2021 | LCI | 1.8 | 3.7 | <0.83 | <0.83 | <0.83 | <0.83 | 4 | 2.8 | <0.83 | <1.7 | <1.7 | <1.7 | 1.0 | 21 | <17 | <17 | <0.83 | <17 | <1.7 | <8.3 | ND | <0.075 | <4.9 | 7.2 |
| LV-3-10 | 10 | 6/22/2021 | LCI | <0.94 | <1.9 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <1.9 | <0.94 | 57 | <19 | <19 | <0.94 | <19 | <1.9 | <9.4 | ND | <0.097 | <4.9 | 5.6 |
| LV-3-10-DUP | 10 | 6/22/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | 4.4 | <0.90 | 2.0 | <1.8 | <1.8 | <0.90 | 39 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.073 | -- | -- |
| LV-4-1 | 1 | 6/18/2021 | LCI | 4.4 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | 18 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | 1.1 | 42 | 240 |
| LV-4-5 | 5 | 6/18/2021 | LCI | <0.93 | <1.9 | <0.93 | <0.93 | <0.93 | <0.93 | 1.0 | <0.93 | <0.93 | <1.9 | <1.9 | <1.9 | <0.93 | <19 | <19 | <19 | <0.93 | <19 | <1.9 | <9.3 | ND | <0.090 | 7.0 | 8.7 |
| LV-4-10 | 10 | 6/18/2021 | LCI | <0.94 | 4.9 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <1.9 | <0.94 | <19 | <19 | <19 | <0.94 | <19 | <1.9 | <9.3 | ND | <0.078 | 6.1 | 6.9 |
| LV-5-1 | 1 | 6/23/2021 | LCI | 1.4 | <1.7 | <0.84 | <0.84 | <0.84 | <0.84 | 1.5 | 1.1 | <0.84 | <1.7 | <1.7 | <1.7 | <0.84 | 20 | <17 | <17 | <0.84 | <17 | <1.7 | <8.4 | ND | <0.092 | <4.9 | <4.9 |
| LV-5-5 | 5 | 6/23/2021 | LCI | <0.85 | <1.7 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <1.7 | <1.7 | <1.7 | <0.85 | <17 | <17 | <17 | <0.85 | <17 | <1.7 | <8.5 | ND | <0.085 | <5.0 | 7.0 |
| LV-5-10 | 10 | 6/23/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.10 | <4.9 | 8.9 |
| LV-5-10-DUP | 10 | 6/23/2021 | LCI | <0.97 | <1.9 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <1.9 | <0.97 | <19 | <19 | <19 | <0.97 | <19 | <1.9 | <9.7 | ND | <0.11 | -- | -- |
| LV-5-15 | 15 | 6/23/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | <21 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | ND | <0.10 | <5.0 | 12 |
| LV-5-20 | 20 | 6/23/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.10 | 7.4 | 22 |
| LV-6-1 | 1 | 6/22/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | 34 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.10 | 9.3 | 57 |
| LV-6-5 | 5 | 6/22/2021 | LCI | 7.7 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | 2.2 | 1.0 | <0.90 | <1.8 | <1.8 | <1.8 | <0.9 | 18 | <18 | <18 | <0.9 | <18 | <1.8 | <9.0 | ND | <0.087 | <5.0 | 7.0 |
| LV-6-10 | 10 | 6/22/2021 | LCI | 1.8 | <1.6 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <1.6 | <1.6 | <1.6 | <0.80 | <16 | <16 | <16 | <0.80 | <16 | <1.6 | <8.0 | ND | <0.088 | <4.9 | <4.9 |
| LV-6-15 | 15 | 6/22/2021 | LCI | <0.97 | <1.9 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <1.9 | <0.97 | <19 | <19 | <19 | <0.97 | <19 | <1.9 | <9.7 | ND | <0.092 | 12 | 14 |
| LV-6-15-DUP | 15 | 6/22/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | <20 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.10 | -- | -- |
| LV-6-20 | 20 | 6/22/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.097 | <5.0 | <5.0 |

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| LV-7-1 | 1 | 6/22/2021 | LCI | <0.82 | <1.6 | <0.82 | <0.82 | <0.82 | <0.82 | 1.8 | 1.6 | <0.82 | <1.6 | 3.5 | <1.6 | <0.82 | 56 | <16 | <16 | <0.82 | <16 | <1.6 | <8.2 | ND | 6.9 | 3900 | 13000 |
| LV-7-5 | 5 | 6/22/2021 | LCI | <0.86 | <1.7 | <0.86 | <0.86 | <0.86 | <0.86 | 4.1 | 3.1 | <0.86 | <1.7 | <1.7 | <1.7 | <0.86 | 19 | <17 | <17 | <0.86 | <17 | <1.7 | <8.6 | ND | <0.074 | <5.0 | 8.5 |
| LV-7-10 | 10 | 6/22/2021 | LCI | <0.72 | <1.4 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <1.4 | <1.4 | <1.4 | <0.72 | <14 | <14 | <14 | <0.72 | <14 | <1.4 | <7.2 | ND | <0.078 | <5.0 | 8.9 |
| LV-8-1 | 1 | 6/18/2021 | LCI | 59 | 160 | <40 | <40 | <40 | <40 | <40 | 2200 | 1000 | 2400 | 820 | <81 | 120 | <810 | <810 | <810 | 100 | <810 | <81 | <400 | 1,4-Dichlorobenzene = 45; n-Butylbenzene = 330; N-Propylbenzene = 140; p-Isopropyltoluene = 100; sec-Butylbenzene = 90; Styrene = 150; Trichlorofluoromethane = 550 | 1.5 | 1800 | 6000 |
| LV-8-3 | 3 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 390 | 1200 |
| LV-8-5 | 5 | 6/18/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | <16 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.086 | 13 | 18 |
| LV-8-10 | 10 | 6/18/2021 | LCI | <1.1 | <2.2 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <2.2 | <1.1 | <22 | <22 | <22 | <1.1 | <22 | <2.2 | <11 | ND | <0.12 | <5.0 | 5.0 |
| LV-9-1 | 1 | 6/22/2021 | LCI | 1.9 | <1.4 | <0.70 | <0.70 | <0.70 | <0.70 | 3.2 | 2.9 | <0.70 | <1.4 | <1.4 | <1.4 | <0.70 | 29 | <14 | <14 | <0.70 | <14 | <1.4 | <7.0 | ND | <0.081 | 51 | 880 |
| LV-9-5 | 5 | 6/22/2021 | LCI | <0.88 | <1.8 | <0.88 | <0.88 | <0.88 | <0.88 | 4.5 | 4.6 | <0.88 | <1.8 | <1.8 | <1.8 | <0.88 | 35 | <18 | <18 | <0.88 | <18 | <1.8 | <8.8 | ND | <0.077 | <5.0 | 5.7 |
| LV-9-10 | 10 | 6/22/2021 | LCI | 3.4 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <1.6 | <0.79 | <16 | <16 | <16 | <0.79 | <16 | <0.79 | <7.9 | ND | <0.10 | <5.0 | 6.0 |
| LV-9-10-DUP | 10 | 6/22/2021 | LCI | 3.4 | <1.5 | <0.74 | <0.74 | <0.74 | <0.74 | 2.2 | <0.74 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 17 | <15 | <15 | <0.74 | <15 | <0.74 | <7.4 | ND | <0.076 | -- | -- |
| LV-10-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.096 | 530 | 760.0 |
| LV-10-5 | 5 | 6/21/2021 | LCI | 1.3 | <1.9 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <1.9 | <1.9 | <1.9 | <0.96 | 22 | <19 | <19 | <0.96 | <19 | <1.9 | <9.6 | ND | <0.087 | <5.1 | 10.0 |
| LV-10-10 | 10 | 6/21/2021 | LCI | 7.7 | <1.5 | <0.74 | <0.74 | <0.74 | <0.74 | 2.7 | 2.4 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 140 | <15 | <15 | <0.74 | <15 | <1.5 | <7.4 | ND | <0.076 | <4.8 | <4.8 |
| LV-11-1 | 1 | 6/21/2021 | LCI | <0.73 | <1.5 | <0.73 | <0.73 | <0.73 | <0.73 | 2.9 | 2.6 | <0.73 | <1.5 | <1.5 | <1.5 | <0.73 | 54 | <15 | <15 | <0.73 | <15 | <1.5 | <7.3 | ND | <0.074 | <5.0 | <5.0 |
| LV-11-1-DUP | 1 | 6/21/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | 3.5 | 3.3 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | 100 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.074 | -- | -- |
| LV-11-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.5 | <5.1 |
| LV-11-5 | 5 | 6/21/2021 | LCI | <0.79 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | 7.3 | 7.2 | 1.4 | 2.8 | <1.6 | <1.6 | <0.79 | 18 | <16 | <16 | <0.79 | <16 | <1.6 | <7.9 | ND | 0.19 | <4.9 | <4.9 |
| LV-11-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.9 | <4.9 |
| LV-11-10 | 10 | 6/21/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.090 | <5.2 | <5.2 |
| LV-12-1 | 1 | 6/21/2021 | LCI | 2.3 | <1.2 | <0.62 | <0.62 | <0.62 | <0.62 | 1.5 | 1.1 | <0.62 | <1.2 | <1.2 | <1.2 | <0.62 | 34 | <12 | <12 | <0.62 | <12 | <1.2 | <6.2 | ND | <0.067 | 5.1 | <4.7 |
| LV-12-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-12-5 | 5 | 6/21/2021 | LCI | <0.77 | <1.5 | <0.77 | <0.77 | <0.77 | <0.77 | 4.3 | 4.4 | 0.91 | <1.5 | <1.5 | <1.5 | <0.77 | 18 | <15 | <15 | <0.77 | <15 | <1.5 | <7.7 | ND | <0.081 | <4.8 | <4.8 |
| LV-12-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | <5.0 |
| LV-12-10 | 10 | 6/21/2021 | LCI | 4.0 | <1.6 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <1.6 | <0.78 | <16 | <16 | <16 | <0.78 | <16 | <1.6 | <7.8 | ND | <0.077 | <5.0 | <5.0 |
| LV-13-1 | 1 | 6/18/2021 | LCI | <0.74 | 1.7 | <0.74 | <0.74 | <0.74 | <0.74 | 1.9 | 1.8 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 120 | <15 | 24 | <0.74 | <15 | <1.5 | <7.4 | ND | 0.17 | 27 | 22 |
| LV-13-2.5 | 2.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | 17 |
| LV-13-5 | 5 | 6/18/2021 | LCI | <0.88 | <1.8 | <0.88 | <0.88 | <0.88 | <0.88 | 2.3 | 2.6 | <0.88 | <1.8 | <1.8 | <1.8 | <0.88 | <18 | <18 | <18 | <0.88 | <18 | <1.8 | <8.8 | ND | <0.090 | 8.0 | 11 |
| LV-13-7.5 | 7.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.8 | <4.8 |
| LV-13-10 | 10 | 6/18/2021 | LCI | <1.1 | <2.2 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <2.2 | <1.1 | <22 | <22 | <22 | <1.1 | <22 | <2.2 | <11 | ND | <0.10 | 10 | 14 |
| LV-14A-1 | 1 | 6/18/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 2.5 | 11 | 6 | 8.1 | 4.0 | <1.0 | 160 | <20 | 22 | <1.0 | <20 | <2.0 | <10 | ND | 0.16 | 530 | 1500 |
| LV-14A-2.5 | 2.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 19 | 32 |
| LV-14A-5 | 5 | 6/18/2021 | LCI | <0.79 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <1.6 | <0.79 | 22 | <16 | <16 | <0.79 | <16 | 1.7 | <7.9 | ND | <0.087 | 15 | 16 |
| LV-14A-7.5 | 7.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | 13 |
| LV-14A-10 | 10 | 6/18/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | 34 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | ND | <0.092 | 5.1 | 7.1 |
| LV-14B-2 | 2 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 160 | 440 |
| LV-15-1 | 1 | 6/21/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | <16 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.071 | 23 | 120 |
| LV-15-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | 29 |
| LV-15-5 | 5 | 6/21/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <1.8 | <1.8 | <1.8 | <0.90 | 24 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.089 | <4.9 | <4.9 |
| LV-15-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-15-10 | 10 | 6/21/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <1.8 | <1.8 | <1.8 | <0.90 | 25 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.096 | <4.9 | <4.9 |
| LV-16-1 | 1 | 6/21/2021 | LCI | <0.76 | <1.5 | <0.76 | <0.76 | <0.76 | <0.76 | 1.4 | 0.93 | <0.76 | <1.5 | <1.5 | <1.5 | <0.76 | 37 | <15 | <15 | <0.76 | <15 | <1.5 | <7.6 | ND | <0.070 | 8.4 | 5.3 |
| LV-16-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | 83 |
| LV-16-5 | 5 | 6/21/2021 | LCI | <0.38 | <0.75 | <0.38 | <0.38 | <0.38 | <0.38 | 1.5 | 1.6 | <0.38 | <0.75 | <0.75 | <0.75 | <0.38 | <7.5 | <7.5 | <7.5 | <0.38 | <7.5 | <0.75 | <7.5 | ND | <0.86 | 6.2 | 7.5 |
| LV-16-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-16-10 | 10 | 6/21/2021 | LCI | <0.86 | <1.7 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <1.7 | <1.7 | <1.7 | <0.86 | <17 | <17 | <17 | <0.86 | <17 | <1.7 | <8.6 | ND | <0.097 | <4.9 | <4.9 |
| LV-17-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | 21 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | Ethanol = 320 | <0.11 | 20 | 120 |
| LV-17-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2400 | 7300 |
| LV-17-5 | 5 | 6/21/2021 | LCI | <42 | <83 | <42 | <42 | <42 | <42 | <42 | <42 | 100 | 610 | 6900 | 2700 | <42 | <830 | <830 | <830 | <42 | <830 | <83 | <420 | n-Butylbenzene = 1000; N-Propylbenzene = 390; p-Isopropyltoluene = 780; sec-Butylbenzene = 410 | 270 | 800 | 2900 |
| LV-17-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14 | 63 |
| LV-17-10 | 10 | 6/21/2021 | LCI | <0.89 | <1.8 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <1.8 | <0.89 | 18 | <18 | <18 | <0.89 | <18 | <1.8 | <8.9 | ND | <0.099 | <4.7 | 11 |

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| LV-18-1 | 1 | 6/21/2021 | LCI | <0.9 | <1.8 | <0.9 | <0.9 | <0.9 | <0.9 | 1.4 | <0.9 | <0.9 | <1.8 | <1.8 | <1.8 | <0.90 | 62 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.091 | 9.7 | 120 |
| LV-18-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.9 | 46 |
| LV-18-5 | 5 | 6/21/2021 | LCI | 2.5 | <1.9 | <0.93 | <0.93 | <0.93 | <0.93 | 5 | 2.9 | <0.93 | <1.9 | <1.9 | <1.9 | <0.93 | <19 | <19 | <19 | <0.93 | <19 | <1.9 | <9.3 | ND | <0.089 | <5.0 | <5.0 |
| LV-18-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | 8.0 |
| LV-18-10 | 10 | 6/21/2021 | LCI | <0.91 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | <18 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | <0.10 | 7.1 | 9.8 |
| LV-18-10-DUP | 10 | 6/21/2021 | LCI | 0.99 | <1.3 | <0.64 | <0.64 | <0.64 | <0.64 | 2.1 | 1.7 | <0.64 | <1.3 | <1.3 | <1.3 | <0.64 | 15 | <13 | <13 | <0.64 | <13 | <1.3 | <6.4 | ND | <0.083 | -- | -- |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LV-19-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.8 | 1.7 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | 290 | <20 | 26 | <1.0 | <20 | <2.0 | <10 | ND | <0.085 | 11.0 | 84 |
| LV-19-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.0 | 63 |
| LV-19-5 | 5 | 6/21/2021 | LCI | <0.82 | <1.6 | <0.82 | <0.82 | <0.82 | <0.82 | 1.5 | 1.1 | <0.82 | <1.6 | <1.6 | <1.6 | <0.82 | <16 | <16 | <16 | <0.82 | <16 | <1.6 | <8.2 | ND | <0.078 | <4.9 | 9.3 |
| LV-19-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.4 | 8.6 |
| LV-19-10 | 10 | 6/21/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | 29 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.092 | 7.8 | 16 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LV-20-0.5 | 0.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Key:
-- = not analyzed
J = Estimated value; concentration above the method detection limit but below the reporting limit
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram

< "X" = not detected above the method detection limit or reporting limit "X"
B = Constituent found in associated method blank
EEC = EEC Environmental
EFI = EFI Global
LCI = Leighton Consulting, Inc.

**Table A-3: Historical Soil Analytical Test Results - Polychlorinated Biphenyls in ug/kg**
**2200 North Rosemead Boulevard**
**South El Monte, California**

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-1 | 2 | 8/22/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-4 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-10 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-11 | 2 | 8/21/2020 | EEC | <250 | <250 | <250 | <250 | <250 | 1,900 | <250 | <250 | <250 |
| | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 15 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-12 | 2 | 8/21/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-13 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 790 H | <50 | <50 | <50 |
| SB-14 | 2 | 8/21/2020 | EEC | <1,200 | <1,200 | <1,200 | <1,200 | <1,200 | 22,000 | <1,200 | <1,200 | <1,200 |
| | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 15 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-15 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 290 J | <50 | <50 | <50 |
| SB-16 | 2 | 8/21/2020 | EEC | <1,000 | <1,000 | <1,000 | <1,000 | <1,000 | 22,000 H | <1,000 | <1,000 | <1,000 |
| | 5 | 8/21/2020 | EEC | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| SB-17 | 2 | 8/22/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-20 | 2 | 8/21/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-27 | 2 | 8/21/2020 | EEC | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 |
| SB-30 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| B1-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 917 | 380 | ND | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 66.7 | 83.8 | ND | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,870 | 729 | ND | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 193 | ND | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 436 | 216 | ND | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 1,020 | 1,140 | ND | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 98.2 | 78.6 | ND | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 3,990 | 2,140 | ND | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 72.5 | ND | ND | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 282 | ND | ND | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 906 | 129 | ND | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,210 | 181 | ND | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,920 | 2,450 | ND | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 26,200 | 368 | ND | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 414 | ND | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 30,600 | 2,630 | ND | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 75.7 | ND | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 1,170 | ND | ND | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 162 | ND | ND | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 5,890 | 354 | ND | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 752 | 337 | ND | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B15-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 116 | ND | ND | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 278 | 96.4 | ND | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 265 | 117 | ND | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| LV-1-1 | 1 | 06/23/2021 | LCI | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

**Table A-3: Historical Soil Analytical Test Results - Polychlorinated Biphenyls in ug/kg**
**2200 North Rosemead Boulevard**
**South El Monte, California**

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-1-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-1-15 | 15 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-1-20 | 20 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-15 | 15 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-20 | 20 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | 69 | 210 | 89 | <50 | <50 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-15 | 15 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-20 | 20 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-15 | 15 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-20 | 20 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | 73 | <50 | <50 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 13,000 | 15,000 | 4,000 | <2500 | <2500 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 1,300 | 1,600 | <2500 | <2500 | <2500 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | 250 | 720 | <50 | <50 | <50 |
| LV-9-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 1,400 | 370 | <50 | <50 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 340 | 110 | <50 | <50 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | 580 | 260 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |

**Table A-3: Historical Soil Analytical Test Results - Polychlorinated Biphenyls in ug/kg**
**2200 North Rosemead Boulevard**
**South El Monte, California**

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-18-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 110 | 100 | <50 | <50 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-5 | 5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

Key:
-- = not analyzed
J = Estimated value; concentration above the method detection limit but below the reporting limit
DF = Dilution Factor
ug/kg = micrograms per kilogram
< "X" = not detected above the method detection limit or reporting limit "X"
EEC = EEC Environmental
EFI = EFI Global
LCI = Leighton Consulting, Inc.

# APPENDIX B

# ProUCL PRINTOUTS

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/11/2021 8:15:28 AM

**User Selected Options**

From File South El Monte Sb, Co, Ni stats.xls

Full Precision OFF

**From File: South El Monte Sb, Co, Ni stats.xls**

**General Statistics for Censored Data Set (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony (mg/Kg) | 112 | 0 | 21 | 91 | 81.25% | -3.3 | -2.6 | 5.651 | 4807 | 69.33 | 12.27 |
| Cobalt (mg/Kg) | 111 | 0 | 109 | 2 | 1.80% | -0.971 | -0.971 | 8.409 | 31.28 | 5.593 | 0.665 |

**General Statistics for Raw Data Sets using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony (mg/Kg) | 21 | 0 | 1.6 | 730 | 44.44 | 2.98 | 24976 | 158 | 2.046 | 4.496 | 3.556 |
| Cobalt (mg/Kg) | 109 | 0 | 0.991 | 35 | 8.581 | 7.8 | 30.49 | 5.522 | 4.596 | 1.927 | 0.644 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony (mg/Kg) | 112 | 0 | -3.13 | -3.08 | -3.023 | -2.965 | -2.865 | -2.62 | 2.62 | 12.73 | 73.5 |
| Cobalt (mg/Kg) | 111 | 0 | 2.74 | 3.8 | 4.64 | 7.78 | 10.95 | 11.7 | 14 | 17.4 | 30.1 |

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/5/2021 9:08:42 AM

**User Selected Options**

From File South El Monte As & Pb stats.xls

Full Precision OFF

**From File: South El Monte As & Pb stats.xls**

**General Statistics for Censored Datasets (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic (mg/Kg) | 123 | 0 | 61 | 62 | 50.41% | 2.36 | 2.63 | 4.673 | 30.97 | 5.565 | 1.191 |

**General Statistics for Raw Dataset using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic (mg/Kg) | 61 | 0 | 1.6 | 40.2 | 7.38 | 5 | 48.63 | 6.973 | 2.817 | 2.806 | 0.945 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic (mg/Kg) | 123 | 0 | 2.43 | 2.46 | 2.5 | 2.63 | 5 | 6.4 | 8.1 | 13.95 | 28.46 |

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/5/2021 9:09:30 AM

**User Selected Options**

From File South El Monte As & Pb stats_a.xls

Full Precision OFF

**From File: South El Monte As & Pb stats_a.xls**

**General Statistics for Censored Datasets (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead (mg/Kg) | 181 | 0 | 122 | 59 | 32.60% | 0.521 | 5.26 | 554.6 | 7461590 | 2732 | 4.925 |

**General Statistics for Raw Dataset using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead (mg/Kg) | 122 | 0 | 3.6 | 26000 | 821.1 | 18.5 | 10941855 | 3308 | 18.46 | 5.917 | 4.028 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead (mg/Kg) | 181 | 0 | 4.85 | 5 | 5.03 | 8.4 | 47 | 93.1 | 631 | 2300 | 14380 |

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/12/2021 10:29:31 AM

**User Selected Options**

From File South El Monte Mo Stats.xls

Full Precision OFF

**From File: South El Monte Mo Stats.xls**

**General Statistics for Censored Datasets (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum (mg/kg) | 119 | 1 | 20 | 99 | 83.19% | 0.476 | 1.1 | 6.279 | 1988 | 44.59 | 7.101 |

**General Statistics for Raw Dataset using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum (mg/kg) | 20 | 1 | 0.543 | 480 | 34.99 | 3.075 | 11410 | 106.8 | 3.447 | 4.213 | 3.053 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum (mg/kg) | 119 | 1 | 0.485 | 0.492 | 0.495 | 0.513 | 0.93 | 0.97 | 1.18 | 11.47 | 81.1 |

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/11/2021 8:16:34 AM |
| From File | South El Monte Sb, Co, Ni stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Antimony (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 112 | Number of Distinct Observations | 41 |
| Number of Detects | 21 | Number of Non-Detects | 91 |
| Number of Distinct Detects | 16 | Number of Distinct Non-Detects | 25 |
| Minimum Detect | 1.6 | Minimum Non-Detect | -3.3 |
| Maximum Detect | 730 | Maximum Non-Detect | -2.6 |
| Variance Detects | 24976 | Percent Non-Detects | 81.25% |
| Mean Detects | 44.44 | SD Detects | 158 |
| Median Detects | 2.98 | CV Detects | 3.556 |
| Skewness Detects | 4.496 | Kurtosis Detects | 20.42 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.287 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.908 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.444 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.188 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 5.651 | KM Standard Error of Mean | 6.713 |
| KM SD | 69.33 | 95% KM (BCA) UCL | 18.17 |
| 95% KM (t) UCL | 16.79 | 95% KM (Percentile Bootstrap) UCL | 18.44 |
| 95% KM (z) UCL | 16.69 | 95% KM Bootstrap t UCL | 119.8 |
| 90% KM Chebyshev UCL | 25.79 | 95% KM Chebyshev UCL | 34.91 |
| 97.5% KM Chebyshev UCL | 47.57 | 99% KM Chebyshev UCL | 72.45 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 3.422 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.839 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.299 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.205 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.333 | k star (bias corrected MLE) | 0.317 |
| Theta hat (MLE) | 133.4 | Theta star (bias corrected MLE) | 140.1 |
| nu hat (MLE) | 13.99 | nu star (bias corrected) | 13.32 |
| Mean (detects) | 44.44 | | |

### Estimates of Gamma Parameters using KM Estimates

| | | | |
|---|---|---|---|
| Mean (KM) | 5.651 | SD (KM) | 69.33 |
| Variance (KM) | 4807 | SE of Mean (KM) | 6.713 |
| k hat (KM) | 0.00664 | k star (KM) | 0.0124 |
| nu hat (KM) | 1.488 | nu star (KM) | 2.781 |
| theta hat (KM) | 850.7 | theta star (KM) | 455.1 |
| 80% gamma percentile (KM) | 4.0464E-6 | 90% gamma percentile (KM) | 0.0533 |
| 95% gamma percentile (KM) | 4.185 | 99% gamma percentile (KM) | 157.4 |

### Gamma Kaplan-Meier (KM) Statistics

| | | | |
|---|---|---|---|
| | | Adjusted Level of Significance (β) | 0.0479 |
| Approximate Chi Square Value (2.78, α) | 0.311 | Adjusted Chi Square Value (2.78, β) | 0.302 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 50.58 | 95% Gamma Adjusted KM-UCL (use when n<50) | 52.03 |

### Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution

| | | | |
|---|---|---|---|
| KM Mean (logged) | N/A | KM Geo Mean | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | 95% H-UCL (KM -Log) | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | | |

### DL/2 Statistics

| | | | |
|---|---|---|---|
| Mean in Original Scale | 7.116 | SD in Original Scale | 69.46 |
| 95% t UCL (Assumes normality) | 18 | | |

DL/2 is not a recommended method, provided for comparisons and historical reasons

### Nonparametric Distribution Free UCL Statistics

Data do not follow a Discernible Distribution at 5% Significance Level

### Suggested UCL to Use

| | |
|---|---|
| 99% KM (Chebyshev) UCL | 72.45 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## Cobalt (mg/Kg)

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 111 | Number of Distinct Observations | 97 |
| Number of Detects | 109 | Number of Non-Detects | 2 |
| Number of Distinct Detects | 96 | Number of Distinct Non-Detects | 1 |
| Minimum Detect | 0.991 | Minimum Non-Detect | -0.971 |
| Maximum Detect | 35 | Maximum Non-Detect | -0.971 |
| Variance Detects | 30.49 | Percent Non-Detects | 1.802% |
| Mean Detects | 8.581 | SD Detects | 5.522 |
| Median Detects | 7.8 | CV Detects | 0.644 |

| | | | |
|---|---|---|---|
| Skewness Detects | 1.927 | Kurtosis Detects | 6.167 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.863 | **Normal GOF Test on Detected Observations Only** | |
| 5% Shapiro Wilk P Value | 4.996E-15 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.106 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.0852 | Detected Data Not Normal at 5% Significance Level | |

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 8.409 | KM Standard Error of Mean | 0.533 |
| KM SD | 5.593 | 95% KM (BCA) UCL | 9.351 |
| 95% KM (t) UCL | 9.293 | 95% KM (Percentile Bootstrap) UCL | 9.303 |
| 95% KM (z) UCL | 9.286 | 95% KM Bootstrap t UCL | 9.446 |
| 90% KM Chebyshev UCL | 10.01 | 95% KM Chebyshev UCL | 10.73 |
| 97.5% KM Chebyshev UCL | 11.74 | 99% KM Chebyshev UCL | 13.71 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.32 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.76 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.0561 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0879 | Detected data appear Gamma Distributed at 5% Significance Level |

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 2.747 | k star (bias corrected MLE) | 2.678 |
| Theta hat (MLE) | 3.123 | Theta star (bias corrected MLE) | 3.204 |
| nu hat (MLE) | 598.9 | nu star (bias corrected) | 583.7 |
| Mean (detects) | 8.581 | | |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 8.409 | SD (KM) | 5.593 |
| Variance (KM) | 31.28 | SE of Mean (KM) | 0.533 |
| k hat (KM) | 2.26 | k star (KM) | 2.205 |
| nu hat (KM) | 501.8 | nu star (KM) | 489.6 |
| theta hat (KM) | 3.72 | theta star (KM) | 3.813 |
| 80% gamma percentile (KM) | 12.44 | 90% gamma percentile (KM) | 15.98 |
| 95% gamma percentile (KM) | 19.34 | 99% gamma percentile (KM) | 26.75 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| | | Adjusted Level of Significance (β) | 0.0478 |
| Approximate Chi Square Value (489.57, α) | 439.3 | Adjusted Chi Square Value (489.57, β) | 438.6 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 9.372 | 95% Gamma Adjusted KM-UCL (use when n<50) | 9.385 |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | N/A | KM Geo Mean | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | 95% H-UCL (KM -Log) | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |

| | |
|---|---|
| KM Standard Error of Mean (logged) | N/A |

**DL/2 Statistics**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 8.417 | SD in Original Scale | 5.604 |
| 95% t UCL (Assumes normality) | 9.3 | | |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | | | |
|---|---|---|---|
| 95% KM Approximate Gamma UCL | 9.372 | 95% GROS Approximate Gamma UCL | N/A |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/11/2021 8:16:34 AM |
| From File | South El Monte Sb, Co, Ni stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Antimony (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 112 | Number of Distinct Observations | 41 |
| Number of Detects | 21 | Number of Non-Detects | 91 |
| Number of Distinct Detects | 16 | Number of Distinct Non-Detects | 25 |
| Minimum Detect | 1.6 | Minimum Non-Detect | -3.3 |
| Maximum Detect | 730 | Maximum Non-Detect | -2.6 |
| Variance Detects | 24976 | Percent Non-Detects | 81.25% |
| Mean Detects | 44.44 | SD Detects | 158 |
| Median Detects | 2.98 | CV Detects | 3.556 |
| Skewness Detects | 4.496 | Kurtosis Detects | 20.42 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.287 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.908 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.444 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.188 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 5.651 | KM Standard Error of Mean | 6.713 |
| KM SD | 69.33 | 95% KM (BCA) UCL | 18.17 |
| 95% KM (t) UCL | 16.79 | 95% KM (Percentile Bootstrap) UCL | 18.44 |
| 95% KM (z) UCL | 16.69 | 95% KM Bootstrap t UCL | 119.8 |
| 90% KM Chebyshev UCL | 25.79 | 95% KM Chebyshev UCL | 34.91 |
| 97.5% KM Chebyshev UCL | 47.57 | 99% KM Chebyshev UCL | 72.45 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 3.422 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.839 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.299 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.205 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.333 | k star (bias corrected MLE) | 0.317 |
| Theta hat (MLE) | 133.4 | Theta star (bias corrected MLE) | 140.1 |
| nu hat (MLE) | 13.99 | nu star (bias corrected) | 13.32 |
| Mean (detects) | 44.44 | | |

### Estimates of Gamma Parameters using KM Estimates

| | | | |
|---|---|---|---|
| Mean (KM) | 5.651 | SD (KM) | 69.33 |
| Variance (KM) | 4807 | SE of Mean (KM) | 6.713 |
| k hat (KM) | 0.00664 | k star (KM) | 0.0124 |
| nu hat (KM) | 1.488 | nu star (KM) | 2.781 |
| theta hat (KM) | 850.7 | theta star (KM) | 455.1 |
| 80% gamma percentile (KM) | 4.0464E-6 | 90% gamma percentile (KM) | 0.0533 |
| 95% gamma percentile (KM) | 4.185 | 99% gamma percentile (KM) | 157.4 |

### Gamma Kaplan-Meier (KM) Statistics

| | | | |
|---|---|---|---|
| | | Adjusted Level of Significance (β) | 0.0479 |
| Approximate Chi Square Value (2.78, α) | 0.311 | Adjusted Chi Square Value (2.78, β) | 0.302 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 50.58 | 95% Gamma Adjusted KM-UCL (use when n<50) | 52.03 |

### Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution

| | | | |
|---|---|---|---|
| KM Mean (logged) | N/A | KM Geo Mean | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | 95% H-UCL (KM -Log) | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | | |

### DL/2 Statistics

| | | | |
|---|---|---|---|
| Mean in Original Scale | 7.116 | SD in Original Scale | 69.46 |
| 95% t UCL (Assumes normality) | 18 | | |

DL/2 is not a recommended method, provided for comparisons and historical reasons

### Nonparametric Distribution Free UCL Statistics

Data do not follow a Discernible Distribution at 5% Significance Level

### Suggested UCL to Use

| | |
|---|---|
| 99% KM (Chebyshev) UCL | 72.45 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## Cobalt (mg/Kg)

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 111 | Number of Distinct Observations | 97 |
| Number of Detects | 109 | Number of Non-Detects | 2 |
| Number of Distinct Detects | 96 | Number of Distinct Non-Detects | 1 |
| Minimum Detect | 0.991 | Minimum Non-Detect | -0.971 |
| Maximum Detect | 35 | Maximum Non-Detect | -0.971 |
| Variance Detects | 30.49 | Percent Non-Detects | 1.802% |
| Mean Detects | 8.581 | SD Detects | 5.522 |
| Median Detects | 7.8 | CV Detects | 0.644 |

| | | | |
|---|---|---|---|
| Skewness Detects | 1.927 | Kurtosis Detects | 6.167 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.863 | **Normal GOF Test on Detected Observations Only** | |
| 5% Shapiro Wilk P Value | 4.996E-15 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.106 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.0852 | Detected Data Not Normal at 5% Significance Level | |

Detected Data Not Normal at 5% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 8.409 | KM Standard Error of Mean | 0.533 |
| KM SD | 5.593 | 95% KM (BCA) UCL | 9.351 |
| 95% KM (t) UCL | 9.293 | 95% KM (Percentile Bootstrap) UCL | 9.303 |
| 95% KM (z) UCL | 9.286 | 95% KM Bootstrap t UCL | 9.446 |
| 90% KM Chebyshev UCL | 10.01 | 95% KM Chebyshev UCL | 10.73 |
| 97.5% KM Chebyshev UCL | 11.74 | 99% KM Chebyshev UCL | 13.71 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.32 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.76 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.0561 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0879 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data appear Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 2.747 | k star (bias corrected MLE) | 2.678 |
| Theta hat (MLE) | 3.123 | Theta star (bias corrected MLE) | 3.204 |
| nu hat (MLE) | 598.9 | nu star (bias corrected) | 583.7 |
| Mean (detects) | 8.581 | | |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 8.409 | SD (KM) | 5.593 |
| Variance (KM) | 31.28 | SE of Mean (KM) | 0.533 |
| k hat (KM) | 2.26 | k star (KM) | 2.205 |
| nu hat (KM) | 501.8 | nu star (KM) | 489.6 |
| theta hat (KM) | 3.72 | theta star (KM) | 3.813 |
| 80% gamma percentile (KM) | 12.44 | 90% gamma percentile (KM) | 15.98 |
| 95% gamma percentile (KM) | 19.34 | 99% gamma percentile (KM) | 26.75 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| | | Adjusted Level of Significance (β) | 0.0478 |
| Approximate Chi Square Value (489.57, α) | 439.3 | Adjusted Chi Square Value (489.57, β) | 438.6 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 9.372 | 95% Gamma Adjusted KM-UCL (use when n<50) | 9.385 |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | N/A | KM Geo Mean | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | 95% H-UCL (KM -Log) | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |

| | |
|---|---|
| KM Standard Error of Mean (logged) | N/A |

**DL/2 Statistics**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 8.417 | SD in Original Scale | 5.604 |
| 95% t UCL (Assumes normality) | 9.3 | | |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | | | |
|---|---|---|---|
| 95% KM Approximate Gamma UCL | 9.372 | 95% GROS Approximate Gamma UCL | N/A |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/5/2021 9:04:56 AM |
| From File | South El Monte As & Pb stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Arsenic (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 123 | Number of Distinct Observations | 71 |
| Number of Detects | 61 | Number of Non-Detects | 62 |
| Number of Distinct Detects | 55 | Number of Distinct Non-Detects | 18 |
| Minimum Detect | 1.6 | Minimum Non-Detect | 2.36 |
| Maximum Detect | 40.2 | Maximum Non-Detect | 2.63 |
| Variance Detects | 48.63 | Percent Non-Detects | 50.41% |
| Mean Detects | 7.38 | SD Detects | 6.973 |
| Median Detects | 5 | CV Detects | 0.945 |
| Skewness Detects | 2.806 | Kurtosis Detects | 9.081 |
| Mean of Logged Detects | 1.733 | SD of Logged Detects | 0.674 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.673 | **Normal GOF Test on Detected Observations Only** |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.262 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.113 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 4.673 | KM Standard Error of Mean | 0.511 |
| KM SD | 5.565 | 95% KM (BCA) UCL | 5.624 |
| 95% KM (t) UCL | 5.521 | 95% KM (Percentile Bootstrap) UCL | 5.543 |
| 95% KM (z) UCL | 5.514 | 95% KM Bootstrap t UCL | 5.819 |
| 90% KM Chebyshev UCL | 6.207 | 95% KM Chebyshev UCL | 6.902 |
| 97.5% KM Chebyshev UCL | 7.867 | 99% KM Chebyshev UCL | 9.761 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 2.451 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.763 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.159 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.115 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 2.032 | k star (bias corrected MLE) | 1.943 |
| Theta hat (MLE) | 3.632 | Theta star (bias corrected MLE) | 3.798 |
| nu hat (MLE) | 247.9 | nu star (bias corrected) | 237.1 |

| | |
|---|---|
| Mean (detects) | 7.38 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 3.665 |
| Maximum | 40.2 | Median | 0.01 |
| SD | 6.132 | CV | 1.673 |
| k hat (MLE) | 0.256 | k star (bias corrected MLE) | 0.255 |
| Theta hat (MLE) | 14.3 | Theta star (bias corrected MLE) | 14.35 |
| nu hat (MLE) | 63.04 | nu star (bias corrected) | 62.84 |
| Adjusted Level of Significance (β) | 0.048 | | |
| Approximate Chi Square Value (62.84, α) | 45.6 | Adjusted Chi Square Value (62.84, β) | 45.43 |
| 95% Gamma Approximate UCL (use when n>=50) | 5.05 | 95% Gamma Adjusted UCL (use when n<50) | 5.07 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 4.673 | SD (KM) | 5.565 |
| Variance (KM) | 30.97 | SE of Mean (KM) | 0.511 |
| k hat (KM) | 0.705 | k star (KM) | 0.693 |
| nu hat (KM) | 173.4 | nu star (KM) | 170.5 |
| theta hat (KM) | 6.628 | theta star (KM) | 6.74 |
| 80% gamma percentile (KM) | 7.684 | 90% gamma percentile (KM) | 11.76 |
| 95% gamma percentile (KM) | 15.96 | 99% gamma percentile (KM) | 26.01 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (170.55, α) | 141.3 | Adjusted Chi Square Value (170.55, β) | 141 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 5.638 | 95% Gamma Adjusted KM-UCL (use when n<50) | 5.651 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.945 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk P Value | 0.0159 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.104 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.113 | Detected Data appear Lognormal at 5% Significance Level |

Detected Data appear Approximate Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 4.387 | Mean in Log Scale | 1.005 |
| SD in Original Scale | 5.74 | SD in Log Scale | 0.912 |
| 95% t UCL (assumes normality of ROS data) | 5.245 | 95% Percentile Bootstrap UCL | 5.301 |
| 95% BCA Bootstrap UCL | 5.44 | 95% Bootstrap t UCL | 5.479 |
| 95% H-UCL (Log ROS) | 4.931 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 1.206 | KM Geo Mean | 3.34 |
| KM SD (logged) | 0.711 | 95% Critical H Value (KM-Log) | 1.956 |
| KM Standard Error of Mean (logged) | 0.0758 | 95% H-UCL (KM -Log) | 4.879 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 0.711 | 95% Critical H Value (KM-Log) | 1.956 |
| KM Standard Error of Mean (logged) | 0.0758 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 4.292 | Mean in Log Scale | 0.973 |
| SD in Original Scale | 5.777 | SD in Log Scale | 0.893 |
| 95% t UCL (Assumes normality) | 5.155 | 95% H-Stat UCL | 4.669 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| KM H-UCL | 4.879 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/5/2021 9:06:49 AM |
| From File | South El Monte As & Pb stats_a.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Lead (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 181 | Number of Distinct Observations | 127 |
| Number of Detects | 122 | Number of Non-Detects | 59 |
| Number of Distinct Detects | 109 | Number of Distinct Non-Detects | 18 |
| Minimum Detect | 3.6 | Minimum Non-Detect | 0.521 |
| Maximum Detect | 26000 | Maximum Non-Detect | 5.26 |
| Variance Detects | 10941855 | Percent Non-Detects | 32.6% |
| Mean Detects | 821.1 | SD Detects | 3308 |
| Median Detects | 18.5 | CV Detects | 4.028 |
| Skewness Detects | 5.917 | Kurtosis Detects | 37.78 |
| Mean of Logged Detects | 3.761 | SD of Logged Detects | 2.111 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.283 | **Normal GOF Test on Detected Observations Only** |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.405 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.0806 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 554.6 | KM Standard Error of Mean | 203.9 |
| KM SD | 2732 | 95% KM (BCA) UCL | 956.8 |
| 95% KM (t) UCL | 891.7 | 95% KM (Percentile Bootstrap) UCL | 917.6 |
| 95% KM (z) UCL | 889.9 | 95% KM Bootstrap t UCL | 1264 |
| 90% KM Chebyshev UCL | 1166 | 95% KM Chebyshev UCL | 1443 |
| 97.5% KM Chebyshev UCL | 1828 | 99% KM Chebyshev UCL | 2583 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 16.56 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.897 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.276 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0922 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.242 | k star (bias corrected MLE) | 0.242 |
| Theta hat (MLE) | 3392 | Theta star (bias corrected MLE) | 3399 |
| nu hat (MLE) | 59.06 | nu star (bias corrected) | 58.94 |

| | |
|---|---|
| Mean (detects) | 821.1 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 553.5 |
| Maximum | 26000 | Median | 8.4 |
| SD | 2739 | CV | 4.95 |
| k hat (MLE) | 0.146 | k star (bias corrected MLE) | 0.147 |
| Theta hat (MLE) | 3789 | Theta star (bias corrected MLE) | 3757 |
| nu hat (MLE) | 52.88 | nu star (bias corrected) | 53.33 |
| Adjusted Level of Significance (β) | 0.0487 | | |
| Approximate Chi Square Value (53.33, α) | 37.55 | Adjusted Chi Square Value (53.33, β) | 37.45 |
| 95% Gamma Approximate UCL (use when n>=50) | 786 | 95% Gamma Adjusted UCL (use when n<50) | 788.2 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 554.6 | SD (KM) | 2732 |
| Variance (KM) | 7461590 | SE of Mean (KM) | 203.9 |
| k hat (KM) | 0.0412 | k star (KM) | 0.0442 |
| nu hat (KM) | 14.92 | nu star (KM) | 16.01 |
| theta hat (KM) | 13454 | theta star (KM) | 12541 |
| 80% gamma percentile (KM) | 47.13 | 90% gamma percentile (KM) | 710.7 |
| 95% gamma percentile (KM) | 2804 | 99% gamma percentile (KM) | 12644 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (16.01, α) | 7.968 | Adjusted Chi Square Value (16.01, β) | 7.923 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 1114 | 95% Gamma Adjusted KM-UCL (use when n<50) | 1121 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.844 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Lognormal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.163 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.0806 | Detected Data Not Lognormal at 5% Significance Level | |

Detected Data Not Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 553.7 | Mean in Log Scale | 2.296 |
| SD in Original Scale | 2739 | SD in Log Scale | 2.795 |
| 95% t UCL (assumes normality of ROS data) | 890.3 | 95% Percentile Bootstrap UCL | 905.6 |
| 95% BCA Bootstrap UCL | 1023 | 95% Bootstrap t UCL | 1256 |
| 95% H-UCL (Log ROS) | 1177 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 2.861 | KM Geo Mean | 17.47 |
| KM SD (logged) | 2.217 | 95% Critical H Value (KM-Log) | 3.463 |
| KM Standard Error of Mean (logged) | 0.212 | 95% H-UCL (KM -Log) | 361.2 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 2.217 | 95% Critical H Value (KM-Log) | 3.463 |
| KM Standard Error of Mean (logged) | 0.212 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 554.3 | Mean in Log Scale | 2.821 |
| SD in Original Scale | 2739 | SD in Log Scale | 2.205 |
| 95% t UCL (Assumes normality) | 890.9 | 95% H-Stat UCL | 336.7 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution at 5% Significance Level

**Suggested UCL to Use**

95% KM (Chebyshev) UCL 1443

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/17/2021 2:03:07 PM |
| From File | South El Monte Pb remediation_b.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Virtual Remediation Exercise. Removed all samples with concentrations higher than 2,000 mg/kg**

**Lead (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 171 | Number of Distinct Observations | 117 |
| Number of Detects | 112 | Number of Non-Detects | 59 |
| Number of Distinct Detects | 99 | Number of Distinct Non-Detects | 18 |
| Minimum Detect | 3.6 | Minimum Non-Detect | 0.521 |
| Maximum Detect | 1640 | Maximum Non-Detect | 5.26 |
| Variance Detects | 66276 | Percent Non-Detects | 34.5% |
| Mean Detects | 117.9 | SD Detects | 257.4 |
| Median Detects | 14.75 | CV Detects | 2.183 |
| Skewness Detects | 3.424 | Kurtosis Detects | 13.66 |
| Mean of Logged Detects | 3.323 | SD of Logged Detects | 1.559 |

### Normal GOF Test on Detects Only

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.505 | **Normal GOF Test on Detected Observations Only** | |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.332 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.084 | Detected Data Not Normal at 5% Significance Level | |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 78.44 | KM Standard Error of Mean | 16.47 |
| KM SD | 214.4 | 95% KM (BCA) UCL | 108.3 |
| 95% KM (t) UCL | 105.7 | 95% KM (Percentile Bootstrap) UCL | 107.1 |
| 95% KM (z) UCL | 105.5 | 95% KM Bootstrap t UCL | 113.6 |
| 90% KM Chebyshev UCL | 127.9 | 95% KM Chebyshev UCL | 150.2 |
| 97.5% KM Chebyshev UCL | 181.3 | 99% KM Chebyshev UCL | 242.4 |

### Gamma GOF Tests on Detected Observations Only

| | | | |
|---|---|---|---|
| A-D Test Statistic | 10.47 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.832 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.218 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.092 | Detected Data Not Gamma Distributed at 5% Significance Level | |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.447 | k star (bias corrected MLE) | 0.441 |
| Theta hat (MLE) | 263.8 | Theta star (bias corrected MLE) | 267.4 |
| nu hat (MLE) | 100.1 | nu star (bias corrected) | 98.77 |

| | |
|---|---|
| Mean (detects) | 117.9 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 77.23 |
| Maximum | 1640 | Median | 8.1 |
| SD | 215.5 | CV | 2.79 |
| k hat (MLE) | 0.196 | k star (bias corrected MLE) | 0.197 |
| Theta hat (MLE) | 393.3 | Theta star (bias corrected MLE) | 392.4 |
| nu hat (MLE) | 67.15 | nu star (bias corrected) | 67.3 |
| Adjusted Level of Significance (β) | 0.0486 | | |
| Approximate Chi Square Value (67.30, α) | 49.42 | Adjusted Chi Square Value (67.30, β) | 49.29 |
| 95% Gamma Approximate UCL (use when n>=50) | 105.2 | 95% Gamma Adjusted UCL (use when n<50) | 105.4 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 78.44 | SD (KM) | 214.4 |
| Variance (KM) | 45979 | SE of Mean (KM) | 16.47 |
| k hat (KM) | 0.134 | k star (KM) | 0.135 |
| nu hat (KM) | 45.77 | nu star (KM) | 46.3 |
| theta hat (KM) | 586.2 | theta star (KM) | 579.4 |
| 80% gamma percentile (KM) | 77.98 | 90% gamma percentile (KM) | 228.6 |
| 95% gamma percentile (KM) | 439.8 | 99% gamma percentile (KM) | 1066 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (46.30, α) | 31.69 | Adjusted Chi Square Value (46.30, β) | 31.58 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 114.6 | 95% Gamma Adjusted KM-UCL (use when n<50) | 115 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.861 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk P Value | 7.772E-16 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.167 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.084 | Detected Data Not Lognormal at 5% Significance Level |

Detected Data Not Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 77.67 | Mean in Log Scale | 2.17 |
| SD in Original Scale | 215.3 | SD in Log Scale | 2.085 |
| 95% t UCL (assumes normality of ROS data) | 104.9 | 95% Percentile Bootstrap UCL | 106.3 |
| 95% BCA Bootstrap UCL | 112.1 | 95% Bootstrap t UCL | 113.3 |
| 95% H-UCL (Log ROS) | 130.4 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 2.521 | KM Geo Mean | 12.45 |
| KM SD (logged) | 1.752 | 95% Critical H Value (KM-Log) | 2.917 |
| KM Standard Error of Mean (logged) | 0.194 | 95% H-UCL (KM -Log) | 85.53 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 1.752 | 95% Critical H Value (KM-Log) | 2.917 |
| KM Standard Error of Mean (logged) | 0.194 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 78.07 | Mean in Log Scale | 2.479 |
| SD in Original Scale | 215.2 | SD in Log Scale | 1.726 |
| 95% t UCL (Assumes normality) | 105.3 | 95% H-Stat UCL | 77.5 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (Chebyshev) UCL | 150.2 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/12/2021 10:30:17 AM |
| From File | South El Monte Mo Stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Molybdenum (mg/kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 119 | Number of Distinct Observations | 49 |
| | | Number of Missing Observations | 1 |
| Number of Detects | 20 | Number of Non-Detects | 99 |
| Number of Distinct Detects | 20 | Number of Distinct Non-Detects | 30 |
| Minimum Detect | 0.543 | Minimum Non-Detect | 0.476 |
| Maximum Detect | 480 | Maximum Non-Detect | 1.1 |
| Variance Detects | 11410 | Percent Non-Detects | 83.19% |
| Mean Detects | 34.99 | SD Detects | 106.8 |
| Median Detects | 3.075 | CV Detects | 3.053 |
| Skewness Detects | 4.213 | Kurtosis Detects | 18.24 |
| Mean of Logged Detects | 1.502 | SD of Logged Detects | 1.871 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.351 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.905 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.396 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.192 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 6.279 | KM Standard Error of Mean | 4.194 |
| KM SD | 44.59 | 95% KM (BCA) UCL | 14.77 |
| 95% KM (t) UCL | 13.23 | 95% KM (Percentile Bootstrap) UCL | 14.25 |
| 95% KM (z) UCL | 13.18 | 95% KM Bootstrap t UCL | 59.41 |
| 90% KM Chebyshev UCL | 18.86 | 95% KM Chebyshev UCL | 24.56 |
| 97.5% KM Chebyshev UCL | 32.47 | 99% KM Chebyshev UCL | 48.01 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 2.035 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.838 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.227 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.209 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.331 | k star (bias corrected MLE) | 0.314 |
| Theta hat (MLE) | 105.8 | Theta star (bias corrected MLE) | 111.3 |

| | | | |
|---|---|---|---|
| nu hat (MLE) | 13.22 | nu star (bias corrected) | 12.57 |
| Mean (detects) | 34.99 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 5.889 |
| Maximum | 480 | Median | 0.01 |
| SD | 44.83 | CV | 7.613 |
| k hat (MLE) | 0.144 | k star (bias corrected MLE) | 0.146 |
| Theta hat (MLE) | 40.78 | Theta star (bias corrected MLE) | 40.23 |
| nu hat (MLE) | 34.37 | nu star (bias corrected) | 34.83 |
| Adjusted Level of Significance (β) | 0.048 | | |
| Approximate Chi Square Value (34.83, α) | 22.33 | Adjusted Chi Square Value (34.83, β) | 22.21 |
| 95% Gamma Approximate UCL (use when n>=50) | 9.186 | 95% Gamma Adjusted UCL (use when n<50) | 9.236 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 6.279 | SD (KM) | 44.59 |
| Variance (KM) | 1988 | SE of Mean (KM) | 4.194 |
| k hat (KM) | 0.0198 | k star (KM) | 0.0249 |
| nu hat (KM) | 4.72 | nu star (KM) | 5.934 |
| theta hat (KM) | 316.6 | theta star (KM) | 251.8 |
| 80% gamma percentile (KM) | 0.0187 | 90% gamma percentile (KM) | 2.126 |
| 95% gamma percentile (KM) | 19.89 | 99% gamma percentile (KM) | 169.4 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.93, α) | 1.606 | Adjusted Chi Square Value (5.93, β) | 1.579 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 23.2 | 95% Gamma Adjusted KM-UCL (use when n<50) | 23.6 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.895 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk Critical Value | 0.905 | Detected Data Not Lognormal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.18 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.192 | Detected Data appear Lognormal at 5% Significance Level | |

Detected Data appear Approximate Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 5.891 | Mean in Log Scale | -4.961 |
| SD in Original Scale | 44.83 | SD in Log Scale | 3.715 |
| 95% t UCL (assumes normality of ROS data) | 12.7 | 95% Percentile Bootstrap UCL | 13.82 |
| 95% BCA Bootstrap UCL | 20.48 | 95% Bootstrap t UCL | 60.59 |
| 95% H-UCL (Log ROS) | 47.38 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -0.361 | KM Geo Mean | 0.697 |
| KM SD (logged) | 1.124 | 95% Critical H Value (KM-Log) | 2.341 |

| | | | |
|---|---|---|---|
| KM Standard Error of Mean (logged) | 0.106 | 95% H-UCL (KM -Log) | 1.67 |
| KM SD (logged) | 1.124 | 95% Critical H Value (KM-Log) | 2.341 |
| KM Standard Error of Mean (logged) | 0.106 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 6.126 | Mean in Log Scale | -0.794 |
| SD in Original Scale | 44.8 | SD in Log Scale | 1.302 |
| 95% t UCL (Assumes normality) | 12.93 | 95% H-Stat UCL | 1.427 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| KM H-UCL | 1.67 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/11/2021 9:52:46 AM

**User Selected Options**

From File PCB Stats.xls

Full Precision OFF

**From File: PCB Stats.xls**

**General Statistics for Censored Data Set (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 (mg/Kg) | 106 | 0 | 4 | 102 | 96.23% | 0.049 | 2.5 | 0.185 | 1.579 | 1.257 | 6.776 |
| Aroclor-1254 (mg/Kg) | 158 | 0 | 33 | 125 | 79.11% | 0.049 | 2.5 | 0.974 | 17.43 | 4.174 | 4.284 |
| Aroclor-1260 (mg/Kg) | 158 | 0 | 25 | 133 | 84.18% | 0.049 | 2.5 | 0.15 | 0.212 | 0.46 | 3.071 |

**General Statistics for Raw Data Sets using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 (mg/Kg) | 4 | 0 | 0.069 | 13 | 3.655 | 0.775 | 39.11 | 6.254 | 0.913 | 1.956 | 1.711 |
| Aroclor-1254 (mg/Kg) | 33 | 0 | 0.0667 | 30.6 | 4.472 | 0.906 | 70.08 | 8.372 | 1.103 | 2.189 | 1.872 |
| Aroclor-1260 (mg/Kg) | 25 | 0 | 0.073 | 4 | 0.674 | 0.216 | 1.042 | 1.021 | 0.205 | 2.158 | 1.514 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 (mg/Kg) | 106 | 0 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.175 | 0.878 | 2.5 |
| Aroclor-1254 (mg/Kg) | 158 | 0 | 0.05 | 0.05 | 0.05 | 0.05 | 0.051 | 0.191 | 1.065 | 2.878 | 23.81 |
| Aroclor-1260 (mg/Kg) | 158 | 0 | 0.05 | 0.05 | 0.05 | 0.05 | 0.051 | 0.0817 | 0.373 | 1.149 | 2.556 |

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/11/2021 9:53:24 AM |
| From File | PCB Stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Aroclor-1248 (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 106 | Number of Distinct Observations | 13 |
| Number of Detects | 4 | Number of Non-Detects | 102 |
| Number of Distinct Detects | 4 | Number of Distinct Non-Detects | 10 |
| Minimum Detect | 0.069 | Minimum Non-Detect | 0.049 |
| Maximum Detect | 13 | Maximum Non-Detect | 2.5 |
| Variance Detects | 39.11 | Percent Non-Detects | 96.23% |
| Mean Detects | 3.655 | SD Detects | 6.254 |
| Median Detects | 0.775 | CV Detects | 1.711 |
| Skewness Detects | 1.956 | Kurtosis Detects | 3.842 |
| Mean of Logged Detects | -0.308 | SD of Logged Detects | 2.261 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.7 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.748 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.397 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.375 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 0.185 | KM Standard Error of Mean | 0.141 |
| KM SD | 1.257 | 95% KM (BCA) UCL | N/A |
| 95% KM (t) UCL | 0.419 | 95% KM (Percentile Bootstrap) UCL | N/A |
| 95% KM (z) UCL | 0.417 | 95% KM Bootstrap t UCL | N/A |
| 90% KM Chebyshev UCL | 0.608 | 95% KM Chebyshev UCL | 0.8 |
| 97.5% KM Chebyshev UCL | 1.066 | 99% KM Chebyshev UCL | 1.588 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 0.34 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.692 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.258 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.414 | Detected data appear Gamma Distributed at 5% Significance Level |

**Detected data appear Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.409 | k star (bias corrected MLE) | 0.269 |
| Theta hat (MLE) | 8.941 | Theta star (bias corrected MLE) | 13.59 |
| nu hat (MLE) | 3.27 | nu star (bias corrected) | 2.151 |

| | |
|---|---|
| Mean (detects) | 3.655 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.148 |
| Maximum | 13 | Median | 0.01 |
| SD | 1.267 | CV | 8.585 |
| k hat (MLE) | 0.276 | k star (bias corrected MLE) | 0.275 |
| Theta hat (MLE) | 0.534 | Theta star (bias corrected MLE) | 0.537 |
| nu hat (MLE) | 58.58 | nu star (bias corrected) | 58.25 |
| Adjusted Level of Significance (β) | 0.0477 | | |
| Approximate Chi Square Value (58.25, α) | 41.71 | Adjusted Chi Square Value (58.25, β) | 41.51 |
| 95% Gamma Approximate UCL (use when n>=50) | 0.206 | 95% Gamma Adjusted UCL (use when n<50) | N/A |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.185 | SD (KM) | 1.257 |
| Variance (KM) | 1.579 | SE of Mean (KM) | 0.141 |
| k hat (KM) | 0.0218 | k star (KM) | 0.0275 |
| nu hat (KM) | 4.617 | nu star (KM) | 5.82 |
| theta hat (KM) | 8.515 | theta star (KM) | 6.756 |
| 80% gamma percentile (KM) | 0.00114 | 90% gamma percentile (KM) | 0.0845 |
| 95% gamma percentile (KM) | 0.657 | 99% gamma percentile (KM) | 4.896 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.82, α) | 1.548 | Adjusted Chi Square Value (5.82, β) | 1.519 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 0.697 | 95% Gamma Adjusted KM-UCL (use when n<50) | 0.711 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.98 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.748 | Detected Data appear Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.183 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.375 | Detected Data appear Lognormal at 5% Significance Level |

Detected Data appear Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.138 | Mean in Log Scale | -14.62 |
| SD in Original Scale | 1.268 | SD in Log Scale | 6.184 |
| 95% t UCL (assumes normality of ROS data) | 0.343 | 95% Percentile Bootstrap UCL | 0.382 |
| 95% BCA Bootstrap UCL | 0.63 | 95% Bootstrap t UCL | 7.21 |
| 95% H-UCL (Log ROS) | 19984 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.912 | KM Geo Mean | 0.0544 |
| KM SD (logged) | 0.644 | 95% Critical H Value (KM-Log) | 1.923 |
| KM Standard Error of Mean (logged) | 0.0725 | 95% H-UCL (KM -Log) | 0.0755 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 0.644 | 95% Critical H Value (KM-Log) | 1.923 |
| KM Standard Error of Mean (logged) | 0.0725 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.203 | Mean in Log Scale | -3.344 |
| SD in Original Scale | 1.274 | SD in Log Scale | 1.056 |
| 95% t UCL (Assumes normality) | 0.408 | 95% H-Stat UCL | 0.0779 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Approximate Gamma UCL | 0.697 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Aroclor-1254 (mg/Kg)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 158 | Number of Distinct Observations | 39 |
| Number of Detects | 33 | Number of Non-Detects | 125 |
| Number of Distinct Detects | 32 | Number of Distinct Non-Detects | 7 |
| Minimum Detect | 0.0667 | Minimum Non-Detect | 0.049 |
| Maximum Detect | 30.6 | Maximum Non-Detect | 2.5 |
| Variance Detects | 70.08 | Percent Non-Detects | 79.11% |
| Mean Detects | 4.472 | SD Detects | 8.372 |
| Median Detects | 0.906 | CV Detects | 1.872 |
| Skewness Detects | 2.189 | Kurtosis Detects | 3.572 |
| Mean of Logged Detects | -0.00522 | SD of Logged Detects | 1.777 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.567 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk Critical Value | 0.931 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.361 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.152 | Detected Data Not Normal at 5% Significance Level | |

Detected Data Not Normal at 5% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.974 | KM Standard Error of Mean | 0.337 |
| KM SD | 4.174 | 95% KM (BCA) UCL | 1.511 |
| 95% KM (t) UCL | 1.532 | 95% KM (Percentile Bootstrap) UCL | 1.578 |
| 95% KM (z) UCL | 1.529 | 95% KM Bootstrap t UCL | 1.873 |
| 90% KM Chebyshev UCL | 1.986 | 95% KM Chebyshev UCL | 2.445 |
| 97.5% KM Chebyshev UCL | 3.081 | 99% KM Chebyshev UCL | 4.33 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 1.994 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.826 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.186 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.163 | Detected Data Not Gamma Distributed at 5% Significance Level | |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.432 | k star (bias corrected MLE) | 0.413 |
| Theta hat (MLE) | 10.34 | Theta star (bias corrected MLE) | 10.82 |
| nu hat (MLE) | 28.54 | nu star (bias corrected) | 27.28 |
| Mean (detects) | 4.472 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.942 |
| Maximum | 30.6 | Median | 0.01 |
| SD | 4.195 | CV | 4.453 |
| k hat (MLE) | 0.205 | k star (bias corrected MLE) | 0.205 |
| Theta hat (MLE) | 4.605 | Theta star (bias corrected MLE) | 4.597 |
| nu hat (MLE) | 64.65 | nu star (bias corrected) | 64.75 |
| Adjusted Level of Significance (β) | 0.0485 | | |
| Approximate Chi Square Value (64.75, α) | 47.24 | Adjusted Chi Square Value (64.75, β) | 47.1 |
| 95% Gamma Approximate UCL (use when n>=50) | 1.291 | 95% Gamma Adjusted UCL (use when n<50) | 1.295 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.974 | SD (KM) | 4.174 |
| Variance (KM) | 17.43 | SE of Mean (KM) | 0.337 |
| k hat (KM) | 0.0545 | k star (KM) | 0.0577 |
| nu hat (KM) | 17.22 | nu star (KM) | 18.22 |
| theta hat (KM) | 17.88 | theta star (KM) | 16.9 |
| 80% gamma percentile (KM) | 0.21 | 90% gamma percentile (KM) | 1.76 |
| 95% gamma percentile (KM) | 5.411 | 99% gamma percentile (KM) | 19.99 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (18.22, α) | 9.553 | Adjusted Chi Square Value (18.22, β) | 9.496 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 1.859 | 95% Gamma Adjusted KM-UCL (use when n<50) | 1.87 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.942 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk Critical Value | 0.931 | Detected Data appear Lognormal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.0908 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.152 | Detected Data appear Lognormal at 5% Significance Level | |

Detected Data appear Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.943 | Mean in Log Scale | -5.256 |
| SD in Original Scale | 4.195 | SD in Log Scale | 3.718 |
| 95% t UCL (assumes normality of ROS data) | 1.495 | 95% Percentile Bootstrap UCL | 1.572 |
| 95% BCA Bootstrap UCL | 1.727 | 95% Bootstrap t UCL | 1.808 |
| 95% H-UCL (Log ROS) | 27.22 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.38 | KM Geo Mean | 0.0925 |
| KM SD (logged) | 1.464 | 95% Critical H Value (KM-Log) | 2.682 |
| KM Standard Error of Mean (logged) | 0.119 | 95% H-UCL (KM -Log) | 0.37 |
| KM SD (logged) | 1.464 | 95% Critical H Value (KM-Log) | 2.682 |
| KM Standard Error of Mean (logged) | 0.119 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.974 | Mean in Log Scale | -2.819 |
| SD in Original Scale | 4.19 | SD in Log Scale | 1.742 |
| 95% t UCL (Assumes normality) | 1.525 | 95% H-Stat UCL | 0.413 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Lognormal Distributed at 5% Significance Level

**Suggested UCL to Use**

KM H-UCL 0.37

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Aroclor-1260 (mg/Kg)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 158 | Number of Distinct Observations | 34 |
| Number of Detects | 25 | Number of Non-Detects | 133 |
| Number of Distinct Detects | 25 | Number of Distinct Non-Detects | 10 |
| Minimum Detect | 0.073 | Minimum Non-Detect | 0.049 |
| Maximum Detect | 4 | Maximum Non-Detect | 2.5 |
| Variance Detects | 1.042 | Percent Non-Detects | 84.18% |
| Mean Detects | 0.674 | SD Detects | 1.021 |
| Median Detects | 0.216 | CV Detects | 1.514 |
| Skewness Detects | 2.158 | Kurtosis Detects | 4.126 |
| Mean of Logged Detects | -1.229 | SD of Logged Detects | 1.241 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.633 | **Shapiro Wilk GOF Test** | |

| | | | |
|---|---|---|---|
| 5% Shapiro Wilk Critical Value | 0.918 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.361 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.173 | Detected Data Not Normal at 5% Significance Level | |

Detected Data Not Normal at 5% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.15 | KM Standard Error of Mean | 0.0375 |
| KM SD | 0.46 | 95% KM (BCA) UCL | 0.227 |
| 95% KM (t) UCL | 0.212 | 95% KM (Percentile Bootstrap) UCL | 0.214 |
| 95% KM (z) UCL | 0.212 | 95% KM Bootstrap t UCL | 0.244 |
| 90% KM Chebyshev UCL | 0.262 | 95% KM Chebyshev UCL | 0.313 |
| 97.5% KM Chebyshev UCL | 0.384 | 99% KM Chebyshev UCL | 0.523 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 1.824 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.786 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.25 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.182 | Detected Data Not Gamma Distributed at 5% Significance Level | |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.721 | k star (bias corrected MLE) | 0.661 |
| Theta hat (MLE) | 0.935 | Theta star (bias corrected MLE) | 1.019 |
| nu hat (MLE) | 36.07 | nu star (bias corrected) | 33.07 |
| Mean (detects) | 0.674 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.115 |
| Maximum | 4 | Median | 0.01 |
| SD | 0.467 | CV | 4.06 |
| k hat (MLE) | 0.352 | k star (bias corrected MLE) | 0.349 |
| Theta hat (MLE) | 0.327 | Theta star (bias corrected MLE) | 0.329 |
| nu hat (MLE) | 111.2 | nu star (bias corrected) | 110.4 |
| Adjusted Level of Significance (β) | 0.0485 | | |
| Approximate Chi Square Value (110.44, α) | 87.18 | Adjusted Chi Square Value (110.44, β) | 86.99 |
| 95% Gamma Approximate UCL (use when n>=50) | 0.146 | 95% Gamma Adjusted UCL (use when n<50) | 0.146 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.15 | SD (KM) | 0.46 |
| Variance (KM) | 0.212 | SE of Mean (KM) | 0.0375 |
| k hat (KM) | 0.106 | k star (KM) | 0.108 |
| nu hat (KM) | 33.51 | nu star (KM) | 34.21 |
| theta hat (KM) | 1.413 | theta star (KM) | 1.384 |
| 80% gamma percentile (KM) | 0.116 | 90% gamma percentile (KM) | 0.411 |

| | | | |
|---|---|---|---|
| 95% gamma percentile (KM) | 0.865 | 99% gamma percentile (KM) | 2.287 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (34.21, α) | 21.83 | Adjusted Chi Square Value (34.21, β) | 21.74 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 0.235 | 95% Gamma Adjusted KM-UCL (use when n<50) | 0.236 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.886 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.918 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.15 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.173 | Detected Data appear Lognormal at 5% Significance Level |

Detected Data appear Approximate Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.114 | Mean in Log Scale | -5.357 |
| SD in Original Scale | 0.468 | SD in Log Scale | 2.618 |
| 95% t UCL (assumes normality of ROS data) | 0.175 | 95% Percentile Bootstrap UCL | 0.18 |
| 95% BCA Bootstrap UCL | 0.194 | 95% Bootstrap t UCL | 0.223 |
| 95% H-UCL (Log ROS) | 0.341 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.722 | KM Geo Mean | 0.0657 |
| KM SD (logged) | 0.82 | 95% Critical H Value (KM-Log) | 2.054 |
| KM Standard Error of Mean (logged) | 0.0675 | 95% H-UCL (KM -Log) | 0.105 |
| KM SD (logged) | 0.82 | 95% Critical H Value (KM-Log) | 2.054 |
| KM Standard Error of Mean (logged) | 0.0675 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.163 | Mean in Log Scale | -3.125 |
| SD in Original Scale | 0.49 | SD in Log Scale | 1.189 |
| 95% t UCL (Assumes normality) | 0.227 | 95% H-Stat UCL | 0.112 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

**Suggested UCL to Use**

KM H-UCL 0.105

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/11/2021 8:30:30 AM

**User Selected Options**

From File South El Monte TPH Stats.xls

Full Precision OFF

**From File: South El Monte TPH Stats.xls**

**General Statistics for Censored Data Set (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH-g | 124 | 0 | 13 | 111 | 89.52% | 0.063 | 200 | 27.04 | 55030 | 234.6 | 8.675 |
| TPH-d | 144 | 0 | 56 | 88 | 61.11% | 4.7 | 200 | 202 | 837766 | 915.3 | 4.532 |
| TPH-mo | 144 | 0 | 104 | 40 | 27.78% | 4.7 | 10 | 664.2 | 10388745 | 3223 | 4.853 |

**General Statistics for Raw Data Sets using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH-g | 13 | 0 | 0.16 | 2600 | 255 | 8.2 | 505734 | 711.1 | 11.91 | 3.493 | 2.789 |
| TPH-d | 56 | 0 | 4.2 | 8500 | 511.3 | 15.5 | 2033952 | 1426 | 15.86 | 4.153 | 2.789 |
| TPH-mo | 104 | 0 | 4.5 | 33000 | 917.6 | 17 | 14290589 | 3780 | 16.98 | 6.768 | 4.12 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH-g | 124 | 0 | 0.0783 | 0.089 | 0.0918 | 10 | 10 | 10 | 20 | 92.5 | 263.1 |
| TPH-d | 144 | 0 | 4.9 | 5 | 5 | 10 | 15.25 | 24.6 | 174 | 759.5 | 4470 |
| TPH-mo | 144 | 0 | 5 | 5.7 | 6.875 | 10 | 63 | 98 | 871 | 1670 | 13000 |

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/11/2021 8:31:21 AM |
| From File | South El Monte TPH Stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**TPH-g**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 124 | Number of Distinct Observations | 46 |
| Number of Detects | 13 | Number of Non-Detects | 111 |
| Number of Distinct Detects | 13 | Number of Distinct Non-Detects | 33 |
| Minimum Detect | 0.16 | Minimum Non-Detect | 0.063 |
| Maximum Detect | 2600 | Maximum Non-Detect | 200 |
| Variance Detects | 505734 | Percent Non-Detects | 89.52% |
| Mean Detects | 255 | SD Detects | 711.1 |
| Median Detects | 8.2 | CV Detects | 2.789 |
| Skewness Detects | 3.493 | Kurtosis Detects | 12.39 |
| Mean of Logged Detects | 2.212 | SD of Logged Detects | 3.138 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.406 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.866 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.415 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.234 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 27.04 | KM Standard Error of Mean | 21.93 |
| KM SD | 234.6 | 95% KM (BCA) UCL | 70.3 |
| 95% KM (t) UCL | 63.38 | 95% KM (Percentile Bootstrap) UCL | 69.4 |
| 95% KM (z) UCL | 63.11 | 95% KM Bootstrap t UCL | 284 |
| 90% KM Chebyshev UCL | 92.82 | 95% KM Chebyshev UCL | 122.6 |
| 97.5% KM Chebyshev UCL | 164 | 99% KM Chebyshev UCL | 245.2 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 0.808 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.865 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.234 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.261 | Detected data appear Gamma Distributed at 5% Significance Level |

**Detected data appear Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.218 | k star (bias corrected MLE) | 0.219 |
| Theta hat (MLE) | 1169 | Theta star (bias corrected MLE) | 1164 |
| nu hat (MLE) | 5.67 | nu star (bias corrected) | 5.695 |

| | |
|---|---|
| Mean (detects) | 255 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 27.84 |
| Maximum | 2600 | Median | 0.01 |
| SD | 235.7 | CV | 8.467 |
| k hat (MLE) | 0.113 | k star (bias corrected MLE) | 0.115 |
| Theta hat (MLE) | 247 | Theta star (bias corrected MLE) | 241.3 |
| nu hat (MLE) | 27.96 | nu star (bias corrected) | 28.61 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (28.61, α) | 17.41 | Adjusted Chi Square Value (28.61, β) | 17.3 |
| 95% Gamma Approximate UCL (use when n>=50) | 45.77 | 95% Gamma Adjusted UCL (use when n<50) | 46.04 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 27.04 | SD (KM) | 234.6 |
| Variance (KM) | 55030 | SE of Mean (KM) | 21.93 |
| k hat (KM) | 0.0133 | k star (KM) | 0.0183 |
| nu hat (KM) | 3.295 | nu star (KM) | 4.549 |
| theta hat (KM) | 2035 | theta star (KM) | 1474 |
| 80% gamma percentile (KM) | 0.00437 | 90% gamma percentile (KM) | 2.695 |
| 95% gamma percentile (KM) | 53.1 | 99% gamma percentile (KM) | 761.9 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (4.55, α) | 0.95 | Adjusted Chi Square Value (4.55, β) | 0.931 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 129.5 | 95% Gamma Adjusted KM-UCL (use when n<50) | 132.1 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.941 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk Critical Value | 0.866 | Detected Data appear Lognormal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.122 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.234 | Detected Data appear Lognormal at 5% Significance Level | |

Detected Data appear Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 26.83 | Mean in Log Scale | -7.666 |
| SD in Original Scale | 235.6 | SD in Log Scale | 5.274 |
| 95% t UCL (assumes normality of ROS data) | 61.89 | 95% Percentile Bootstrap UCL | 67.7 |
| 95% BCA Bootstrap UCL | 107.3 | 95% Bootstrap t UCL | 285.8 |
| 95% H-UCL (Log ROS) | 18513 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.038 | KM Geo Mean | 0.13 |
| KM SD (logged) | 1.956 | 95% Critical H Value (KM-Log) | 3.202 |
| KM Standard Error of Mean (logged) | 0.215 | 95% H-UCL (KM -Log) | 1.552 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 1.956 | 95% Critical H Value (KM-Log) | 3.202 |
| KM Standard Error of Mean (logged) | 0.215 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 31.51 | Mean in Log Scale | -0.0893 |
| SD in Original Scale | 235.3 | SD in Log Scale | 2.711 |
| 95% t UCL (Assumes normality) | 66.53 | 95% H-Stat UCL | 99.18 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Approximate Gamma UCL | 129.5 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**TPH-d**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 144 | Number of Distinct Observations | 56 |
| Number of Detects | 56 | Number of Non-Detects | 88 |
| Number of Distinct Detects | 49 | Number of Distinct Non-Detects | 12 |
| Minimum Detect | 4.2 | Minimum Non-Detect | 4.7 |
| Maximum Detect | 8500 | Maximum Non-Detect | 200 |
| Variance Detects | 2033952 | Percent Non-Detects | 61.11% |
| Mean Detects | 511.3 | SD Detects | 1426 |
| Median Detects | 15.5 | CV Detects | 2.789 |
| Skewness Detects | 4.153 | Kurtosis Detects | 19.35 |
| Mean of Logged Detects | 3.688 | SD of Logged Detects | 2.17 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.423 | **Normal GOF Test on Detected Observations Only** | |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.361 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.118 | Detected Data Not Normal at 5% Significance Level | |

Detected Data Not Normal at 5% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 202 | KM Standard Error of Mean | 76.97 |
| KM SD | 915.3 | 95% KM (BCA) UCL | 359.9 |
| 95% KM (t) UCL | 329.4 | 95% KM (Percentile Bootstrap) UCL | 334.3 |
| 95% KM (z) UCL | 328.6 | 95% KM Bootstrap t UCL | 456.2 |
| 90% KM Chebyshev UCL | 432.9 | 95% KM Chebyshev UCL | 537.4 |
| 97.5% KM Chebyshev UCL | 682.6 | 99% KM Chebyshev UCL | 967.8 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 6.207 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.876 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.271 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.13 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.274 | k star (bias corrected MLE) | 0.272 |
| Theta hat (MLE) | 1863 | Theta star (bias corrected MLE) | 1882 |
| nu hat (MLE) | 30.74 | nu star (bias corrected) | 30.43 |
| Mean (detects) | 511.3 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 198.9 |
| Maximum | 8500 | Median | 0.01 |
| SD | 919.2 | CV | 4.622 |
| k hat (MLE) | 0.119 | k star (bias corrected MLE) | 0.121 |
| Theta hat (MLE) | 1671 | Theta star (bias corrected MLE) | 1642 |
| nu hat (MLE) | 34.27 | nu star (bias corrected) | 34.89 |
| Adjusted Level of Significance (β) | 0.0483 | | |
| Approximate Chi Square Value (34.89, α) | 22.37 | Adjusted Chi Square Value (34.89, β) | 22.27 |
| 95% Gamma Approximate UCL (use when n>=50) | 310.1 | 95% Gamma Adjusted UCL (use when n<50) | 311.5 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 202 | SD (KM) | 915.3 |
| Variance (KM) | 837766 | SE of Mean (KM) | 76.97 |
| k hat (KM) | 0.0487 | k star (KM) | 0.0523 |
| nu hat (KM) | 14.02 | nu star (KM) | 15.06 |
| theta hat (KM) | 4148 | theta star (KM) | 3862 |
| 80% gamma percentile (KM) | 31.97 | 90% gamma percentile (KM) | 326.3 |
| 95% gamma percentile (KM) | 1091 | 99% gamma percentile (KM) | 4315 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (15.06, α) | 7.305 | Adjusted Chi Square Value (15.06, β) | 7.25 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 416.4 | 95% Gamma Adjusted KM-UCL (use when n<50) | 419.6 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.841 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk P Value | 7.1539E-8 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.181 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.118 | Detected Data Not Lognormal at 5% Significance Level |

**Detected Data Not Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 200.5 | Mean in Log Scale | 1.379 |
| SD in Original Scale | 918.8 | SD in Log Scale | 2.628 |
| 95% t UCL (assumes normality of ROS data) | 327.2 | 95% Percentile Bootstrap UCL | 334.8 |
| 95% BCA Bootstrap UCL | 397.3 | 95% Bootstrap t UCL | 434.5 |
| 95% H-UCL (Log ROS) | 307.6 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 2.398 | KM Geo Mean | 11.01 |
| KM SD (logged) | 1.701 | 95% Critical H Value (KM-Log) | 2.932 |
| KM Standard Error of Mean (logged) | 0.144 | 95% H-UCL (KM -Log) | 71.02 |
| KM SD (logged) | 1.701 | 95% Critical H Value (KM-Log) | 2.932 |
| KM Standard Error of Mean (logged) | 0.144 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 202.7 | Mean in Log Scale | 2.308 |
| SD in Original Scale | 918.4 | SD in Log Scale | 1.82 |
| 95% t UCL (Assumes normality) | 329.4 | 95% H-Stat UCL | 84.06 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (Chebyshev) UCL | 537.4 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**TPH-mo**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 144 | Number of Distinct Observations | 77 |
| Number of Detects | 104 | Number of Non-Detects | 40 |
| Number of Distinct Detects | 73 | Number of Distinct Non-Detects | 7 |
| Minimum Detect | 4.5 | Minimum Non-Detect | 4.7 |
| Maximum Detect | 33000 | Maximum Non-Detect | 10 |
| Variance Detects | 14290589 | Percent Non-Detects | 27.78% |
| Mean Detects | 917.6 | SD Detects | 3780 |
| Median Detects | 17 | CV Detects | 4.12 |
| Skewness Detects | 6.768 | Kurtosis Detects | 52.57 |
| Mean of Logged Detects | 3.811 | SD of Logged Detects | 2.163 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.281 | **Normal GOF Test on Detected Observations Only** |

| | | |
|---|---|---|
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.405 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.0872 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 664.2 | KM Standard Error of Mean | 269.9 |
| KM SD | 3223 | 95% KM (BCA) UCL | 1173 |
| 95% KM (t) UCL | 1111 | 95% KM (Percentile Bootstrap) UCL | 1142 |
| 95% KM (z) UCL | 1108 | 95% KM Bootstrap t UCL | 1721 |
| 90% KM Chebyshev UCL | 1474 | 95% KM Chebyshev UCL | 1841 |
| 97.5% KM Chebyshev UCL | 2350 | 99% KM Chebyshev UCL | 3350 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 13.98 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.899 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.291 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0973 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.238 | k star (bias corrected MLE) | 0.237 |
| Theta hat (MLE) | 3858 | Theta star (bias corrected MLE) | 3866 |
| nu hat (MLE) | 49.47 | nu star (bias corrected) | 49.37 |
| Mean (detects) | 917.6 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 662.7 |
| Maximum | 33000 | Median | 9.75 |
| SD | 3235 | CV | 4.881 |
| k hat (MLE) | 0.153 | k star (bias corrected MLE) | 0.154 |
| Theta hat (MLE) | 4342 | Theta star (bias corrected MLE) | 4301 |
| nu hat (MLE) | 43.96 | nu star (bias corrected) | 44.37 |
| Adjusted Level of Significance (β) | 0.0483 | | |
| Approximate Chi Square Value (44.37, α) | 30.1 | Adjusted Chi Square Value (44.37, β) | 29.98 |
| 95% Gamma Approximate UCL (use when n>=50) | 977.2 | 95% Gamma Adjusted UCL (use when n<50) | 981 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 664.2 | SD (KM) | 3223 |
| Variance (KM) | 10388745 | SE of Mean (KM) | 269.9 |
| k hat (KM) | 0.0425 | k star (KM) | 0.0462 |
| nu hat (KM) | 12.23 | nu star (KM) | 13.31 |
| theta hat (KM) | 15641 | theta star (KM) | 14374 |
| 80% gamma percentile (KM) | 67.26 | 90% gamma percentile (KM) | 909.2 |

| | | | |
|---|---|---|---|
| 95% gamma percentile (KM) | 3424 | 99% gamma percentile (KM) | 14896 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (13.31, α) | 6.1 | Adjusted Chi Square Value (13.31, β) | 6.051 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 1449 | 95% Gamma Adjusted KM-UCL (use when n<50) | 1461 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.841 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.194 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.0872 | Detected Data Not Lognormal at 5% Significance Level |

Detected Data Not Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 663.3 | Mean in Log Scale | 2.678 |
| SD in Original Scale | 3235 | SD in Log Scale | 2.694 |
| 95% t UCL (assumes normality of ROS data) | 1110 | 95% Percentile Bootstrap UCL | 1146 |
| 95% BCA Bootstrap UCL | 1405 | 95% Bootstrap t UCL | 1726 |
| 95% H-UCL (Log ROS) | 1399 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 3.205 | KM Geo Mean | 24.65 |
| KM SD (logged) | 2.077 | 95% Critical H Value (KM-Log) | 3.38 |
| KM Standard Error of Mean (logged) | 0.174 | 95% H-UCL (KM -Log) | 383.6 |
| KM SD (logged) | 2.077 | 95% Critical H Value (KM-Log) | 3.38 |
| KM Standard Error of Mean (logged) | 0.174 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 663.7 | Mean in Log Scale | 3.093 |
| SD in Original Scale | 3235 | SD in Log Scale | 2.18 |
| 95% t UCL (Assumes normality) | 1110 | 95% H-Stat UCL | 449.9 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution at 5% Significance Level

**Suggested UCL to Use**

95% KM (Chebyshev) UCL 1841

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

# APPENDIX C

# CANCER RISK AND HEALTH HAZARD CALCULATIONS

Table C-1
Health Hazards from Incidental Soil Ingestion
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Oral Reference Dose (mg/kg-day) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake (mg/kg-day) | | Hazard Quotient (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| ***Metals*** | | | | | | |
| Antimony | 72.45 | 4.0E-04 | 2.0E-04 | 6.2E-05 | 5.1E-01 | 1.6E-01 |
| Cobalt | 9.37 | 3.0E-04 | 2.6E-05 | 8.0E-06 | 8.8E-02 | 2.7E-02 |
| Chromium (VI) | 73 | 3.0E-03 | 2.1E-04 | 6.3E-05 | 6.9E-02 | 2.1E-02 |
| Molybdenum | 1.67 | 5.0E-03 | 4.7E-06 | 1.4E-06 | 9.4E-04 | 2.9E-04 |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | 0.697 | NA | 2.0E-06 | 6.0E-07 | NA | NA |
| Aroclor 1254 | 0.37 | 2.0E-05 | 1.0E-06 | 3.2E-07 | 5.2E-02 | 1.6E-02 |
| Aroclor 1260 | 0.105 | NA | 3.0E-07 | 9.0E-08 | NA | NA |
| Aroclor 1262 | 0.58 | NA | 1.6E-06 | 5.0E-07 | NA | NA |
| Aroclor 1268 | 0.26 | NA | 7.3E-07 | 2.2E-07 | NA | NA |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | 920.5 | 4.0E-02 | 2.6E-03 | 7.9E-04 | 6.5E-02 | 2.0E-02 |
| TPH (aliphatic high) | 920.5 | 3.0E+00 | 2.6E-03 | 7.9E-04 | 8.7E-04 | 2.6E-04 |
| TPH (aliphatic low) | 64.75 | NA | 1.8E-04 | 5.5E-05 | NA | NA |
| TPH (aromatic low) | 64.75 | 4.0E-03 | 1.8E-04 | 5.5E-05 | 4.6E-02 | 1.4E-02 |
| TPH (aromatic medium) | 268.7 | 4.0E-03 | 7.6E-04 | 2.3E-04 | 1.9E-01 | 5.8E-02 |
| TPH (aliphatic medium) | 268.7 | 1.0E-02 | 7.6E-04 | 2.3E-04 | 7.6E-02 | 2.3E-02 |
| ***VOCs*** | | | | | | |
| 1,1-Dichloroethane | 0.12 | 2.0E-01 | 3.4E-07 | 1.0E-07 | 1.7E-06 | 5.1E-07 |
| 1,1-Dichloroethylene | 0.00023 | 5.0E-02 | 6.5E-10 | 2.0E-10 | 1.3E-08 | 3.9E-09 |
| 1,2-Dichloroethylene (cis) | 0.64 | 2.0E-03 | 1.8E-06 | 5.5E-07 | 9.0E-04 | 2.7E-04 |
| 1,2-Dichloroethylene (trans) | 0.036 | 2.0E-02 | 1.0E-07 | 3.1E-08 | 5.1E-06 | 1.5E-06 |
| 1,2,4-Trimethylbenzene | 33 | 1.0E-02 | 9.3E-05 | 2.8E-05 | 9.3E-03 | 2.8E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | 1.0E-02 | 2.8E-05 | 8.5E-06 | 2.8E-03 | 8.5E-04 |
| 2-Butanone | 1.8 | 6.0E-01 | 5.1E-06 | 1.5E-06 | 8.5E-06 | 2.6E-06 |
| 4-Methyl-2-pentanone | 3.2 | NA | 9.0E-06 | 2.7E-06 | NA | NA |
| Acetone | 0.5 | 9.0E-01 | 1.4E-06 | 4.3E-07 | 1.6E-06 | 4.8E-07 |
| Benzene | 0.11 | 4.0E-03 | 3.1E-07 | 9.4E-08 | 7.8E-05 | 2.4E-05 |
| Bromomethane | 0.2 | NA | 5.7E-07 | 1.7E-07 | NA | NA |
| Ethylbenzene | 12 | 1.0E-01 | 3.4E-05 | 1.0E-05 | 3.4E-04 | 1.0E-04 |
| Isopropylbenzene | 1.2 | 1.0E-01 | 3.4E-06 | 1.0E-06 | 3.4E-05 | 1.0E-05 |
| MTBE | 0.015 | NA | 4.2E-08 | 1.3E-08 | NA | NA |
| Naphthalene | 6.3 | 2.0E-02 | 1.8E-05 | 5.4E-06 | 8.9E-04 | 2.7E-04 |
| Tetrachloroethylene | 4.1 | 6.0E-03 | 1.2E-05 | 3.5E-06 | 1.9E-03 | 5.9E-04 |
| Toluene | 49 | 8.0E-02 | 1.4E-04 | 4.2E-05 | 1.7E-03 | 5.2E-04 |
| Trichloroethylene | 1.2 | 5.0E-04 | 3.4E-06 | 1.0E-06 | 6.8E-03 | 2.1E-03 |
| Vinyl Chloride | 0.1 | 3.0E-03 | 2.8E-07 | 8.6E-08 | 9.4E-05 | 2.9E-05 |
| Xylenes, total | 75 | 2.0E-01 | 2.1E-04 | 6.4E-05 | 1.1E-03 | 3.2E-04 |

Table C-1
Health Hazards from Incidental Soil Ingestion
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Oral Reference Dose (mg/kg-day) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake (mg/kg-day) | | Hazard Quotient (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| **Total Hazard Index** | | | | | **1.1E+00** | **3.4E-01** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
NA = Not applicable
Equations:
Construction Worker $INTAKE_{noncancer}$ (mg/kg-day) = (CS * IR-iw * FE * EFiw * EDiw * CF) / (BWiw * $AT_{noncancer}$)
Non-Intrusive Worker $INTAKE_{noncancer}$ (mg/kg-day) = (CS * IR-Scw * FE * EFcw * EDcw * CF) / (BWcw * $AT_{noncancer}$)
Noncancer Hazard = ($INTAKE_{noncancer}$ / RfD)

Table C-2
Health Hazards from Dermal Contact with Soil
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Soil-to-Skin Absorption Factor (Unitless) | Oral/Dermal Reference Dose (mg/kg-day) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|---|
| | | | | Average Daily Intake (mg/kg-day) | | Hazard Quotient (Unitless) | |
| | | | | Construction Worker | Non-Intrusive Worker | Construction Worker | Non-Intrusive Worker |
| ***Metals*** | | | | | | | |
| Antimony | 72.45 | 0.01 | 4.0E-04 | 3.0E-05 | 7.5E-06 | 7.5E-02 | 1.9E-02 |
| Cobalt | 9.37 | 0.01 | 3.0E-04 | 3.9E-06 | 9.7E-07 | 1.3E-02 | 3.2E-03 |
| Chromium (VI) | 73 | 0.01 | 3.0E-03 | 3.0E-05 | 7.5E-06 | 1.0E-02 | 2.5E-03 |
| Molybdenum | 1.67 | 0.001 | 5.0E-03 | 6.9E-08 | 1.7E-08 | 1.4E-05 | 3.4E-06 |
| ***PCBs*** | | | | | | | |
| Aroclor 1248 | 0.697 | 0.13 | NA | 3.7E-06 | 9.4E-07 | NA | NA |
| Aroclor 1254 | 0.37 | 0.13 | 2.0E-05 | 2.0E-06 | 5.0E-07 | 9.9E-02 | 2.5E-02 |
| Aroclor 1260 | 0.105 | 0.13 | NA | 5.6E-07 | 1.4E-07 | NA | NA |
| Aroclor 1262 | 0.58 | 0.13 | NA | 3.1E-06 | 7.8E-07 | NA | NA |
| Aroclor 1268 | 0.26 | 0.13 | NA | 1.4E-06 | 3.5E-07 | NA | NA |
| ***TPH*** | | | | | | | |
| TPH (aromatic high) | 920.5 | 0.1 | 4.0E-02 | 3.8E-03 | 9.5E-04 | 9.5E-02 | 2.4E-02 |
| TPH (aliphatic high) | 920.5 | 0.1 | 3.0E+00 | 3.8E-03 | 9.5E-04 | 1.3E-03 | 3.2E-04 |
| TPH (aliphatic low) | 64.75 | 0.1 | NA | 2.7E-04 | 6.7E-05 | NA | NA |
| TPH (aromatic low) | 64.75 | 0.1 | 4.0E-03 | 2.7E-04 | 6.7E-05 | 6.7E-02 | 1.7E-02 |
| TPH (aromatic medium) | 268.7 | 0.1 | 4.0E-03 | 1.1E-03 | 2.8E-04 | 2.8E-01 | 6.9E-02 |
| TPH (aliphatic medium) | 268.7 | 0.1 | 1.0E-02 | 1.1E-03 | 2.8E-04 | 1.1E-01 | 2.8E-02 |
| ***VOCs*** | | | | | | | |
| 1,1-Dichloroethane | 0.12 | 0.1 | 2.0E-01 | 5.0E-07 | 1.2E-07 | 2.5E-06 | 6.2E-07 |
| 1,1-Dichloroethylene | 0.00023 | 0.1 | 5.0E-02 | 9.5E-10 | 2.4E-10 | 1.9E-08 | 4.8E-09 |
| 1,2-Dichloroethylene (cis) | 0.64 | 0.1 | 2.0E-03 | 2.6E-06 | 6.6E-07 | 1.3E-03 | 3.3E-04 |
| 1,2-Dichloroethylene (trans) | 0.036 | 0.1 | 2.0E-02 | 1.5E-07 | 3.7E-08 | 7.4E-06 | 1.9E-06 |
| 1,2,4-Trimethylbenzene | 33 | 0.1 | 1.0E-02 | 1.4E-04 | 3.4E-05 | 1.4E-02 | 3.4E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | 0.1 | 1.0E-02 | 4.1E-05 | 1.0E-05 | 4.1E-03 | 1.0E-03 |
| 2-Butanone | 1.8 | 0.1 | 6.0E-01 | 7.4E-06 | 1.9E-06 | 1.2E-05 | 3.1E-06 |
| 4-Methyl-2-pentanone | 3.2 | 0.1 | NA | 1.3E-05 | 3.3E-06 | NA | NA |
| Acetone | 0.5 | 0.1 | 9.0E-01 | 2.1E-06 | 5.2E-07 | 2.3E-06 | 5.7E-07 |
| Benzene | 0.11 | 0.1 | 4.0E-03 | 4.5E-07 | 1.1E-07 | 1.1E-04 | 2.8E-05 |
| Bromomethane | 0.2 | 0.1 | NA | 8.3E-07 | 2.1E-07 | NA | NA |
| Ethylbenzene | 12 | 0.1 | 1.0E-01 | 5.0E-05 | 1.2E-05 | 5.0E-04 | 1.2E-04 |
| Isopropylbenzene | 1.2 | 0.1 | 1.0E-01 | 5.0E-06 | 1.2E-06 | 5.0E-05 | 1.2E-05 |
| MTBE | 0.015 | 0.1 | NA | 6.2E-08 | 1.5E-08 | NA | NA |
| Naphthalene | 6.3 | 0.1 | 2.0E-02 | 2.6E-05 | 6.5E-06 | 1.3E-03 | 3.3E-04 |
| Tetrachloroethylene | 4.1 | 0.15 | 6.0E-03 | 2.5E-05 | 6.4E-06 | 4.2E-03 | 1.1E-03 |
| Toluene | 49 | 0.1 | 8.0E-02 | 2.0E-04 | 5.1E-05 | 2.5E-03 | 6.3E-04 |
| Trichloroethylene | 1.2 | 0.1 | 5.0E-04 | 5.0E-06 | 1.2E-06 | 9.9E-03 | 2.5E-03 |
| Vinyl Chloride | 0.1 | 0.1 | 3.0E-03 | 4.1E-07 | 1.0E-07 | 1.4E-04 | 3.4E-05 |
| Xylenes, total | 75 | 0.1 | 2.0E-01 | 3.1E-04 | 7.7E-05 | 1.5E-03 | 3.9E-04 |

Table C-2
Health Hazards from Dermal Contact with Soil
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Soil-to-Skin Absorption Factor (Unitless) | Oral/Dermal Reference Dose (mg/kg-day) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|---|
| | | | | Average Daily Intake (mg/kg-day) | | Hazard Quotient (Unitless) | |
| | | | | Construction Worker | Non-Intrusive Worker | Construction Worker | Non-Intrusive Worker |
| **Total Hazard Index** | | | | | | **7.9E-01** | **2.0E-01** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
NA = Not applicable
Equations:
Construction Worker $INTAKE_{noncancer}$ (mg/kg-day) = (CS * SAiw * AFiw * ABS * FE * EFiw * EDiw * CF) / (BWiw * $AT_{noncancer}$)
Non-Intrusive Worker $INTAKE_{noncancer}$ (mg/kg-day) = (CS * SAcw * AFcw * ABS * FE * EFcw * EDcw * CF) / (BWcw * $AT_{noncancer}$)
Noncancer Hazard = ($INTAKE_{noncancer}$ / RfD)

Table C-3
Health Hazards from Inhalation of Outdoor Air
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Inhalation Reference Concentration ($ug/m^3$) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake ($ug/m^3$) | | Hazard Quotient (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| ***Metals*** | | | | | | |
| Antimony | 72.45 | NA | 1.7E-02 | 1.3E-05 | NA | NA |
| Cobalt | 9.37 | 6.0E-03 | 2.1E-03 | 1.6E-06 | 3.6E-01 | 2.7E-04 |
| Chromium (VI) | 73 | 1.0E-01 | 1.7E-02 | 1.3E-05 | 1.7E-01 | 1.3E-04 |
| Molybdenum | 1.67 | NA | 3.8E-04 | 2.9E-07 | NA | NA |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | 0.697 | NA | 1.6E-04 | 1.2E-07 | NA | NA |
| Aroclor 1254 | 0.37 | 8.0E-02 | 8.4E-05 | 6.4E-08 | 1.1E-03 | 8.0E-07 |
| Aroclor 1260 | 0.105 | NA | 2.4E-05 | 1.8E-08 | NA | NA |
| Aroclor 1262 | 0.58 | NA | 1.3E-04 | 1.0E-07 | NA | NA |
| Aroclor 1268 | 0.26 | NA | 5.9E-05 | 4.5E-08 | NA | NA |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | 920.5 | NA | 2.1E-01 | 1.6E-04 | NA | NA |
| TPH (aliphatic high) | 920.5 | NA | 2.1E-01 | 1.6E-04 | NA | NA |
| TPH (aliphatic low) | 64.75 | 6.0E+02 | 1.5E-02 | 1.1E-05 | 2.5E-05 | 1.9E-08 |
| TPH (aromatic low) | 64.75 | 3.0E+01 | 1.5E-02 | 1.1E-05 | 4.9E-04 | 3.7E-07 |
| TPH (aromatic medium) | 268.7 | 3.0E+00 | 6.1E-02 | 4.7E-05 | 2.0E-02 | 1.6E-05 |
| TPH (aliphatic medium) | 268.7 | 1.0E+02 | 6.1E-02 | 4.7E-05 | 6.1E-04 | 4.7E-07 |
| ***VOCs*** | | | | | | |
| 1,1-Dichloroethane | 0.12 | 8.0E+02 | 1.9E-03 | 1.9E-03 | 2.3E-06 | 2.3E-06 |
| 1,1-Dichloroethylene | 0.00023 | 7.0E+01 | 7.5E-06 | 7.5E-06 | 1.1E-07 | 1.1E-07 |
| 1,2-Dichloroethylene (cis) | 0.64 | 8.0E+00 | 9.1E-03 | 9.1E-03 | 1.1E-03 | 1.1E-03 |
| 1,2-Dichloroethylene (trans) | 0.036 | 8.0E+01 | 7.3E-04 | 7.3E-04 | 9.1E-06 | 9.1E-06 |
| 1,2,4-Trimethylbenzene | 33 | 6.0E+01 | 9.6E-02 | 9.6E-02 | 1.6E-03 | 1.6E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | 6.0E+01 | 6.8E-02 | 6.8E-02 | 1.1E-03 | 1.1E-03 |
| 2-Butanone | 1.8 | 5.0E+03 | 7.0E-03 | 7.0E-03 | 1.4E-06 | 1.4E-06 |
| 4-Methyl-2-pentanone | 3.2 | 3.0E+03 | 8.8E-03 | 8.8E-03 | 2.9E-06 | 2.9E-06 |
| Acetone | 0.5 | 3.1E+04 | 2.3E-03 | 2.3E-03 | 7.3E-08 | 7.3E-08 |
| Benzene | 0.11 | 3.0E+00 | 1.8E-03 | 1.8E-03 | 5.9E-04 | 5.9E-04 |
| Bromomethane | 0.2 | 9.0E+01 | 3.9E-03 | 3.9E-03 | 4.4E-05 | 4.4E-05 |
| Ethylbenzene | 12 | 1.0E+03 | 1.5E-01 | 1.5E-01 | 1.5E-04 | 1.5E-04 |
| Isopropylbenzene | 1.2 | 4.0E+02 | 8.3E-02 | 8.3E-02 | 2.1E-04 | 2.1E-04 |
| MTBE | 0.015 | 3.0E+03 | 1.9E-04 | 1.9E-04 | 6.2E-08 | 6.2E-08 |
| Naphthalene | 6.3 | 3.0E+00 | 9.5E-03 | 9.5E-03 | 3.2E-03 | 3.2E-03 |
| Tetrachloroethylene | 4.1 | 4.0E+01 | 6.8E-02 | 6.8E-02 | 1.7E-03 | 1.7E-03 |

Table C-3
Health Hazards from Inhalation of Outdoor Air
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Inhalation Reference Concentration ($ug/m^3$) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake ($ug/m^3$) | | Hazard Quotient (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| Toluene | 49 | 3.0E+02 | 6.9E-01 | 6.9E-01 | 2.3E-03 | 2.3E-03 |
| Trichloroethylene | 1.2 | 2.0E+00 | 2.2E-02 | 2.2E-02 | 1.1E-02 | 1.1E-02 |
| Vinyl Chloride | 0.1 | 1.0E+02 | 4.2E-03 | 4.2E-03 | 4.2E-05 | 4.2E-05 |
| Xylenes, total | 75 | 1.0E+02 | 8.8E-01 | 8.8E-01 | 8.8E-03 | 8.8E-03 |
| **Total Hazard Index** | | | | | **5.8E-01** | **3.2E-02** |

Notes: "nd" not detected
$ug/m^3$= micrograms per cubic meter
NA = Not applicable
Intake Equations:
Intake ($ug/m^3$) = (CS * ET * EF * ED) / (VF * $AT_{noncancer}$)
Noncancer Hazard = ($INTAKE_{noncancer}$ / RfC)

| | | |
|---|---|---|
| PEF Construction Worker | $m^3/kg$ | 1.00E+06 |
| PEF Non-Intrusive Worker | $m^3/kg$ | 1.32E+09 |

Table C-4
Cumulative Health Hazards from Multipathway Soil Exposure
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Worker Exposure Scenario | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Construction Worker | | | | Non-Intrusive Worker | | | |
| | | Ingestion | Dermal | Inhalation | Total HI | Ingestion | Dermal | Inhalation | Total HI |
| ***Metals*** | | | | | | | | | |
| Antimony | 72.45 | 5.1E-01 | 7.5E-02 | NA | 5.9E-01 | 1.6E-01 | 1.9E-02 | NA | 1.7E-01 |
| Cobalt | 9.37 | 8.8E-02 | 1.3E-02 | 3.6E-01 | 4.6E-01 | 2.7E-02 | 3.2E-03 | 2.7E-04 | 3.0E-02 |
| Chromium (VI) | 73 | 6.9E-02 | 1.0E-02 | 1.7E-01 | 2.5E-01 | 2.1E-02 | 2.5E-03 | 1.3E-04 | 2.3E-02 |
| Molybdenum | 1.67 | 9.4E-04 | 1.4E-05 | NA | 9.6E-04 | 2.9E-04 | 3.4E-06 | NA | 2.9E-04 |
| ***PCBs*** | | | | | | | | | |
| Aroclor 1248 | 0.697 | NA | NA | NA | -- | NA | NA | NA | -- |
| Aroclor 1254 | 0.37 | 5.2E-02 | 9.9E-02 | 1.1E-03 | 1.5E-01 | 1.6E-02 | 2.5E-02 | 8.0E-07 | 4.1E-02 |
| Aroclor 1260 | 0.105 | NA | NA | NA | -- | NA | NA | NA | -- |
| Aroclor 1262 | 0.58 | NA | NA | NA | -- | NA | NA | NA | -- |
| Aroclor 1268 | 0.26 | NA | NA | NA | -- | NA | NA | NA | -- |
| ***TPH*** | | | | | | | | | |
| TPH (aromatic high) | 920.5 | 6.5E-02 | 9.5E-02 | NA | 1.6E-01 | 2.0E-02 | 2.4E-02 | NA | 4.3E-02 |
| TPH (aliphatic high) | 920.5 | 8.7E-04 | 1.3E-03 | NA | 2.1E-03 | 2.6E-04 | 3.2E-04 | NA | 5.8E-04 |
| TPH (aliphatic low) | 64.75 | NA | NA | 2.5E-05 | 2.5E-05 | NA | NA | 1.9E-08 | 1.9E-08 |
| TPH (aromatic low) | 64.75 | 4.6E-02 | 6.7E-02 | 4.9E-04 | 1.1E-01 | 1.4E-02 | 1.7E-02 | 3.7E-07 | 3.1E-02 |
| TPH (aromatic medium) | 268.7 | 1.9E-01 | 2.8E-01 | 2.0E-02 | 4.9E-01 | 5.8E-02 | 6.9E-02 | 1.6E-05 | 1.3E-01 |
| TPH (aliphatic medium) | 268.7 | 7.6E-02 | 1.1E-01 | 6.1E-04 | 1.9E-01 | 2.3E-02 | 2.8E-02 | 4.7E-07 | 5.1E-02 |
| ***VOCs*** | | | | | | | | | |
| 1,1-Dichloroethane | 0.12 | 1.7E-06 | 2.5E-06 | 2.3E-06 | 6.5E-06 | 5.1E-07 | 6.2E-07 | 2.3E-06 | 3.4E-06 |
| 1,1-Dichloroethylene | 0.00023 | 1.3E-08 | 1.9E-08 | 1.1E-07 | 1.4E-07 | 3.9E-09 | 4.8E-09 | 1.1E-07 | 1.2E-07 |
| 1,2-Dichloroethylene (cis) | 0.64 | 9.0E-04 | 1.3E-03 | 1.1E-03 | 3.4E-03 | 2.7E-04 | 3.3E-04 | 1.1E-03 | 1.7E-03 |
| 1,2-Dichloroethylene (trans) | 0.036 | 5.1E-06 | 7.4E-06 | 9.1E-06 | 2.2E-05 | 1.5E-06 | 1.9E-06 | 9.1E-06 | 1.3E-05 |
| 1,2,4-Trimethylbenzene | 33 | 9.3E-03 | 1.4E-02 | 1.6E-03 | 2.5E-02 | 2.8E-03 | 3.4E-03 | 1.6E-03 | 7.8E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | 2.8E-03 | 4.1E-03 | 1.1E-03 | 8.0E-03 | 8.5E-04 | 1.0E-03 | 1.1E-03 | 3.0E-03 |
| 2-Butanone | 1.8 | 8.5E-06 | 1.2E-05 | 1.4E-06 | 2.2E-05 | 2.6E-06 | 3.1E-06 | 1.4E-06 | 7.1E-06 |
| 4-Methyl-2-pentanone | 3.2 | NA | NA | 2.9E-06 | 2.9E-06 | NA | NA | 2.9E-06 | 2.9E-06 |
| Acetone | 0.5 | 1.6E-06 | 2.3E-06 | 7.3E-08 | 3.9E-06 | 4.8E-07 | 5.7E-07 | 7.3E-08 | 1.1E-06 |
| Benzene | 0.11 | 7.8E-05 | 1.1E-04 | 5.9E-04 | 7.8E-04 | 2.4E-05 | 2.8E-05 | 5.9E-04 | 6.4E-04 |
| Bromomethane | 0.2 | NA | NA | 4.4E-05 | 4.4E-05 | NA | NA | 4.4E-05 | 4.4E-05 |
| Ethylbenzene | 12 | 3.4E-04 | 5.0E-04 | 1.5E-04 | 9.8E-04 | 1.0E-04 | 1.2E-04 | 1.5E-04 | 3.8E-04 |
| Isopropylbenzene | 1.2 | 3.4E-05 | 5.0E-05 | 2.1E-04 | 2.9E-04 | 1.0E-05 | 1.2E-05 | 2.1E-04 | 2.3E-04 |
| MTBE | 0.015 | NA | NA | 6.2E-08 | 6.2E-08 | NA | NA | 6.2E-08 | 6.2E-08 |
| Naphthalene | 6.3 | 8.9E-04 | 1.3E-03 | 3.2E-03 | 5.4E-03 | 2.7E-04 | 3.3E-04 | 3.2E-03 | 3.8E-03 |
| Tetrachloroethylene | 4.1 | 1.9E-03 | 4.2E-03 | 1.7E-03 | 7.9E-03 | 5.9E-04 | 1.1E-03 | 1.7E-03 | 3.3E-03 |
| Toluene | 49 | 1.7E-03 | 2.5E-03 | 2.3E-03 | 6.5E-03 | 5.2E-04 | 6.3E-04 | 2.3E-03 | 3.4E-03 |
| Trichloroethylene | 1.2 | 6.8E-03 | 9.9E-03 | 1.1E-02 | 2.8E-02 | 2.1E-03 | 2.5E-03 | 1.1E-02 | 1.6E-02 |
| Vinyl Chloride | 0.1 | 9.4E-05 | 1.4E-04 | 4.2E-05 | 2.7E-04 | 2.9E-05 | 3.4E-05 | 4.2E-05 | 1.1E-04 |
| Xylenes, total | 75 | 1.1E-03 | 1.5E-03 | 8.8E-03 | 1.1E-02 | 3.2E-04 | 3.9E-04 | 8.8E-03 | 9.5E-03 |

Table C-4
Cumulative Health Hazards from Multipathway Soil Exposure
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Worker Exposure Scenario | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Construction Worker | | | | Non-Intrusive Worker | | | |
| | | Ingestion | Dermal | Inhalation | Total HI | Ingestion | Dermal | Inhalation | Total HI |
| **Total Hazard Index** | | | | | **2.5E+00** | | | | **5.7E-01** |

Notes: "nd" not detected
NA = Not applicable
mg/kg = milligrams per kilogram
HI = Hazard Index

Table C-5
Cancer Risks from Incidental Soil Ingestion
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Oral Slope Factor (mg/kg-day)$^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake (mg/kg-day) | | Cancer Risk (Unitless) | |
| | | | Construction Worker | Non-Intrusive | Construction Worker | Non-Intrusive |
| ***Metals*** | | | | | | |
| Antimony | 72.45 | NA | 7.3E-07 | 2.2E-05 | NA | NA |
| Cobalt | 9.37 | NA | 9.5E-08 | 2.9E-06 | NA | NA |
| Chromium (VI) | 73 | 5.0E-01 | 7.4E-07 | 2.2E-05 | 3.7E-07 | 1.1E-05 |
| Molybdenum | 1.67 | NA | 1.7E-08 | 5.1E-07 | NA | NA |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | 0.697 | 2.0E+00 | 7.0E-09 | 2.1E-07 | 1.4E-08 | 4.3E-07 |
| Aroclor 1254 | 0.37 | 2.0E+00 | 3.7E-09 | 1.1E-07 | 7.5E-09 | 2.3E-07 |
| Aroclor 1260 | 0.105 | 2.0E+00 | 1.1E-09 | 3.2E-08 | 2.1E-09 | 6.4E-08 |
| Aroclor 1262 | 0.58 | 2.0E+00 | 5.9E-09 | 1.8E-07 | 1.2E-08 | 3.5E-07 |
| Aroclor 1268 | 0.26 | 2.0E+00 | 2.6E-09 | 8.0E-08 | 5.2E-09 | 1.6E-07 |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | 920.5 | NA | 9.3E-06 | 2.8E-04 | NA | NA |
| TPH (aliphatic high) | 920.5 | NA | 9.3E-06 | 2.8E-04 | NA | NA |
| TPH (aliphatic low) | 64.75 | NA | 6.5E-07 | 2.0E-05 | NA | NA |
| TPH (aromatic low) | 64.75 | NA | 6.5E-07 | 2.0E-05 | NA | NA |
| TPH (aromatic medium) | 268.7 | NA | 2.7E-06 | 8.2E-05 | NA | NA |
| TPH (aliphatic medium) | 268.7 | NA | 2.7E-06 | 8.2E-05 | NA | NA |
| ***VOCs*** | | | | | | |
| 1,1-Dichloroethane | 0.12 | 5.7E-03 | 1.2E-09 | 3.7E-08 | 6.9E-12 | 2.1E-10 |
| 1,1-Dichloroethylene | 0.00023 | NA | 2.3E-12 | 7.0E-11 | NA | NA |
| 1,2-Dichloroethylene (cis) | 0.64 | NA | 6.5E-09 | 2.0E-07 | NA | NA |
| 1,2-Dichloroethylene (trans) | 0.036 | NA | 3.6E-10 | 1.1E-08 | NA | NA |
| 1,2,4-Trimethylbenzene | 33 | NA | 3.3E-07 | 1.0E-05 | NA | NA |
| 1,3,5-Trimethylbenzene | 9.9 | NA | 1.0E-07 | 3.0E-06 | NA | NA |
| 2-Butanone | 1.8 | NA | 1.8E-08 | 5.5E-07 | NA | NA |
| 4-Methyl-2-pentanone | 3.2 | NA | 3.2E-08 | 9.8E-07 | NA | NA |
| Acetone | 0.5 | NA | 5.0E-09 | 1.5E-07 | NA | NA |
| Benzene | 0.11 | 1.0E-01 | 1.1E-09 | 3.4E-08 | 1.1E-10 | 3.4E-09 |
| Bromomethane | 0.2 | NA | 2.0E-09 | 6.1E-08 | NA | NA |
| Ethylbenzene | 12 | 1.1E-02 | 1.2E-07 | 3.7E-06 | 1.3E-09 | 4.0E-08 |
| Isopropylbenzene | 1.2 | NA | 1.2E-08 | 3.7E-07 | NA | NA |
| MTBE | 0.015 | 1.8E-03 | 1.5E-10 | 4.6E-09 | 2.7E-13 | 8.3E-12 |
| Naphthalene | 6.3 | 1.2E-01 | 6.4E-08 | 1.9E-06 | 7.6E-09 | 2.3E-07 |
| Tetrachloroethylene | 4.1 | 5.4E-01 | 4.1E-08 | 1.3E-06 | 2.2E-08 | 6.8E-07 |
| Toluene | 49 | NA | 4.9E-07 | 1.5E-05 | NA | NA |
| Trichloroethylene | 1.2 | 4.6E-02 | 1.2E-08 | 3.7E-07 | 5.6E-10 | 1.7E-08 |

Table C-5
Cancer Risks from Incidental Soil Ingestion
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Oral Slope Factor (mg/kg-day)$^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake (mg/kg-day) | | Cancer Risk (Unitless) | |
| | | | Construction Worker | Non-Intrusive | Construction Worker | Non-Intrusive |
| Vinyl Chloride | 0.1 | 7.2E-01 | 1.0E-09 | 3.1E-08 | 7.3E-10 | 2.2E-08 |
| Xylenes, total | 75 | NA | 7.6E-07 | 2.3E-05 | NA | NA |
| **Total Cancer Risk** | | | | | **4.4E-07** | **1.3E-05** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
NA = Not applicable
Equations:
Construction Worker $INTAKE_{cancer}$ (mg/kg-day) = (CS * IR-Siw * FE * EFiw * Ediw * CF) / (BWiw * $AT_{cancer}$)
Non-Intrusive Worker $INTAKE_{cancer}$ (mg/kg-day) = (CS * IR-Scw * FE * EFcw * EDcw * CF) / ($BW_{cw}$ * $AT_{cancer}$)
Cancer Risk = ($INTAKE_{cancer}$ * CSF)

Table C-6
Cancer Risks from Dermal Contact with Soil
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Soil-to-Skin Absorption Factor (Unitless) | Oral/Dermal Slope Factor $(mg/kg\text{-}day)^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|---|
| | | | | Average Daily Intake (mg/kg-day) | | Cancer Risk (Unitless) | |
| | | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| ***Metals*** | | | | | | | |
| Antimony | 72.45 | 0.01 | NA | 1.1E-07 | 2.7E-06 | NA | NA |
| Cobalt | 9.37 | 0.01 | NA | 1.4E-08 | 3.5E-07 | NA | NA |
| Chromium (VI) | 73 | 0.01 | 5.0E-01 | 1.1E-07 | 2.7E-06 | 5.4E-08 | 1.3E-06 |
| Molybdenum | 1.67 | 0.001 | NA | 2.5E-10 | 6.2E-09 | NA | NA |
| ***PCBs*** | | | | | | | |
| Aroclor 1248 | 0.697 | 0.14 | 2.0E+00 | 1.4E-08 | 3.6E-07 | 2.9E-08 | 7.2E-07 |
| Aroclor 1254 | 0.37 | 0.14 | 2.0E+00 | 7.6E-09 | 1.9E-07 | 1.5E-08 | 3.8E-07 |
| Aroclor 1260 | 0.105 | 0.14 | 2.0E+00 | 2.2E-09 | 5.4E-08 | 4.3E-09 | 1.1E-07 |
| Aroclor 1262 | 0.58 | 0.14 | 2.0E+00 | 1.2E-08 | 3.0E-07 | 2.4E-08 | 6.0E-07 |
| Aroclor 1268 | 0.26 | 0.14 | 2.0E+00 | 5.4E-09 | 1.3E-07 | 1.1E-08 | 2.7E-07 |
| ***TPH*** | | | | | | | |
| TPH (aromatic high) | 920.5 | 0.1 | NA | 1.4E-05 | 3.4E-04 | NA | NA |
| TPH (aliphatic high) | 920.5 | 0.1 | NA | 1.4E-05 | 3.4E-04 | NA | NA |
| TPH (aliphatic low) | 64.75 | 0.1 | NA | 9.6E-07 | 2.4E-05 | NA | NA |
| TPH (aromatic low) | 64.75 | 0.1 | NA | 9.6E-07 | 2.4E-05 | NA | NA |
| TPH (aromatic medium) | 268.7 | 0.1 | NA | 4.0E-06 | 9.9E-05 | NA | NA |
| TPH (aliphatic medium) | 268.7 | 0.1 | NA | 4.0E-06 | 9.9E-05 | NA | NA |
| ***VOCs*** | | | | | | | |
| 1,1-Dichloroethane | 0.12 | 0.1 | 5.7E-03 | 1.8E-09 | 4.4E-08 | 1.0E-11 | 2.5E-10 |
| 1,1-Dichloroethylene | 0.00023 | 0.1 | NA | 3.4E-12 | 8.5E-11 | NA | NA |
| 1,2-Dichloroethylene (cis) | 0.64 | 0.1 | NA | 9.4E-09 | 2.4E-07 | NA | NA |
| 1,2-Dichloroethylene (trans) | 0.036 | 0.1 | NA | 5.3E-10 | 1.3E-08 | NA | NA |
| 1,2,4-Trimethylbenzene | 33 | 0.1 | NA | 4.9E-07 | 1.2E-05 | NA | NA |
| 1,3,5-Trimethylbenzene | 9.9 | 0.1 | NA | 1.5E-07 | 3.7E-06 | NA | NA |
| 2-Butanone | 1.8 | 0.1 | NA | 2.7E-08 | 6.6E-07 | NA | NA |
| 4-Methyl-2-pentanone | 3.2 | 0.1 | NA | 4.7E-08 | 1.2E-06 | NA | NA |
| Acetone | 0.5 | 0.1 | NA | 7.4E-09 | 1.8E-07 | NA | NA |
| Benzene | 0.11 | 0.1 | 1.0E-01 | 1.6E-09 | 4.1E-08 | 1.6E-10 | 4.1E-09 |
| Bromomethane | 0.2 | 0.1 | NA | 3.0E-09 | 7.4E-08 | NA | NA |
| Ethylbenzene | 12 | 0.1 | 1.1E-02 | 1.8E-07 | 4.4E-06 | 1.9E-09 | 4.9E-08 |
| Isopropylbenzene | 1.2 | 0.1 | NA | 1.8E-08 | 4.4E-07 | NA | NA |
| MTBE | 0.015 | 0.1 | 1.8E-03 | 2.2E-10 | 5.5E-09 | 4.0E-13 | 1.0E-11 |
| Naphthalene | 6.3 | 0.1 | 1.2E-01 | 9.3E-08 | 2.3E-06 | 1.1E-08 | 2.8E-07 |
| Tetrachloroethylene | 4.1 | 0.15 | 5.4E-01 | 9.1E-08 | 2.3E-06 | 4.9E-08 | 1.2E-06 |
| Toluene | 49 | 0.1 | NA | 7.2E-07 | 1.8E-05 | NA | NA |
| Trichloroethylene | 1.2 | 0.1 | 4.6E-02 | 1.8E-08 | 4.4E-07 | 8.1E-10 | 2.0E-08 |
| Vinyl Chloride | 0.1 | 0.1 | 7.2E-01 | 1.5E-09 | 3.7E-08 | 1.1E-09 | 2.7E-08 |

Table C-6
Cancer Risks from Dermal Contact with Soil
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Soil-to-Skin Absorption Factor (Unitless) | Oral/Dermal Slope Factor $(mg/kg\text{-}day)^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|---|
| | | | | Average Daily Intake (mg/kg-day) | | Cancer Risk (Unitless) | |
| | | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| Xylenes, total | 75 | 0.1 | NA | 1.1E-06 | 2.8E-05 | NA | NA |
| **Total Cancer Risk** | | | | | | **2.0E-07** | **5.0E-06** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
NA = Not applicable
Equations:
Construction Worker $INTAKE_{cancer}$ (mg/kg-day) = (CS * SAiw * AFiw * ABS * FE * EFiw * EDiw * CF) / (BWiw * $AT_{cancer}$)
Non-Intrusive Worker $INTAKE_{cancer}$ (mg/kg-day) = (CS * SAcw * AFcw * ABS * FE * EFcw * EDcw * CF) / (BWcw * $AT_{cancer}$)
Cancer Risk = ($INTAKE_{cancer}$ * CSF)

Table C-7
Cancer Risks from Inhalation of Outdoor Air
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Inhalation Unit Risk $(ug/m^3)^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake ($ug/m^3$) | | Cancer Risk (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| ***Metals*** | | | | | | |
| Antimony | 72.45 | NA | 5.9E-05 | 4.5E-06 | NA | NA |
| Cobalt | 9.37 | 9.0E-03 | 7.6E-06 | 5.8E-07 | 6.9E-08 | 5.2E-09 |
| Chromium (VI) | 73 | 1.5E-01 | 6.0E-05 | 4.5E-06 | 8.9E-06 | 6.8E-07 |
| Molybdenum | 1.67 | NA | 1.4E-06 | 1.0E-07 | NA | NA |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | 0.697 | 5.7E-04 | 5.7E-07 | 4.3E-08 | 3.2E-10 | 2.5E-11 |
| Aroclor 1254 | 0.37 | 5.7E-04 | 3.0E-07 | 2.3E-08 | 1.7E-10 | 1.3E-11 |
| Aroclor 1260 | 0.105 | 5.7E-04 | 8.6E-08 | 6.5E-09 | 4.9E-11 | 3.7E-12 |
| Aroclor 1262 | 0.58 | 5.7E-04 | 4.7E-07 | 3.6E-08 | 2.7E-10 | 2.1E-11 |
| Aroclor 1268 | 0.26 | 5.7E-04 | 2.1E-07 | 1.6E-08 | 1.2E-10 | 9.2E-12 |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | 920.5 | NA | 7.5E-04 | 5.7E-05 | NA | NA |
| TPH (aliphatic high) | 920.5 | NA | 7.5E-04 | 5.7E-05 | NA | NA |
| TPH (aliphatic low) | 64.75 | NA | 5.3E-05 | 4.0E-06 | NA | NA |
| TPH (aromatic low) | 64.75 | NA | 5.3E-05 | 4.0E-06 | NA | NA |
| TPH (aromatic medium) | 268.7 | NA | 2.2E-04 | 1.7E-05 | NA | NA |
| TPH (aliphatic medium) | 268.7 | NA | 2.2E-04 | 1.7E-05 | NA | NA |
| ***VOCs*** | | | | | | |
| 1,1-Dichloroethane | 0.12 | 1.6E-06 | 6.6E-06 | 6.6E-04 | 1.1E-11 | 1.1E-09 |
| 1,1-Dichloroethylene | 0.00023 | NA | 2.7E-08 | 2.7E-06 | NA | NA |
| 1,2-Dichloroethylene (cis) | 0.64 | NA | 3.3E-05 | 3.3E-03 | NA | NA |
| 1,2-Dichloroethylene (trans) | 0.036 | NA | 2.6E-06 | 2.6E-04 | NA | NA |
| 1,2,4-Trimethylbenzene | 33 | NA | 3.4E-04 | 3.4E-02 | NA | NA |
| 1,3,5-Trimethylbenzene | 9.9 | NA | 2.4E-04 | 2.4E-02 | NA | NA |
| 2-Butanone | 1.8 | NA | 2.5E-05 | 2.5E-03 | NA | NA |
| 4-Methyl-2-pentanone | 3.2 | NA | 3.2E-05 | 3.2E-03 | NA | NA |
| Acetone | 0.5 | NA | 8.1E-06 | 8.1E-04 | NA | NA |
| Benzene | 0.11 | 2.9E-05 | 6.3E-06 | 6.3E-04 | 1.8E-10 | 1.8E-08 |
| Bromomethane | 0.2 | NA | 1.4E-05 | 1.4E-03 | NA | NA |
| Ethylbenzene | 12 | 2.5E-06 | 5.3E-04 | 5.3E-02 | 1.3E-09 | 1.3E-07 |
| Isopropylbenzene | 1.2 | NA | 3.0E-04 | 3.0E-02 | NA | NA |
| MTBE | 0.015 | 2.6E-07 | 6.6E-07 | 6.6E-05 | 1.7E-13 | 1.7E-11 |
| Naphthalene | 6.3 | 3.4E-05 | 3.4E-05 | 3.4E-03 | 1.2E-09 | 1.2E-07 |
| Tetrachloroethylene | 4.1 | 6.1E-06 | 2.4E-04 | 2.4E-02 | 1.5E-09 | 1.5E-07 |

Table C-7
Cancer Risks from Inhalation of Outdoor Air
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Inhalation Unit Risk $(ug/m^3)^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake ($ug/m^3$) | | Cancer Risk (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| Toluene | 49 | NA | 2.4E-03 | 2.4E-01 | NA | NA |
| Trichloroethylene | 1.2 | 4.1E-06 | 7.9E-05 | 7.9E-03 | 3.2E-10 | 3.2E-08 |
| Vinyl Chloride | 0.1 | 7.8E-05 | 1.5E-05 | 1.5E-03 | 1.2E-09 | 1.2E-07 |
| Xylenes, total | 75 | NA | 3.2E-03 | 3.2E-01 | NA | NA |
| **Total Cancer Risk** | | | | | **9.0E-06** | **1.2E-06** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
$ug/m^3$= micrograms per cubic meter
NA = Not applicable
Intake Equations:
VOC Exposure Concentration ($ug/m^3$) = (CS * EF * ED * ET) / (VF * ATc)
INTAKEcancer (mg/kg-day) = (CS * EFiw * EDiw * [1/PEF] * IR-Aiw) / (BWiw * ATcancer)
Cancer Risk = ($INTAKE_{cancer}$ * CSF)
INTAKEcancer (mg/kg-day) = (CS * EFcw * EDcw * [1/PEF] * IR-Acw) / (BWcw * ATcancer)
PEF Construction Worker $m^3/kg$ 1.00E+06
PEF Non-Intrusive Worker $m^3/kg$ 1.32E+09

Table C-8
Cumulative Cancer Risks from Multipathway Soil Exposure
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Worker Exposure Scenario | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Construction Worker | | | | Non-Intrusive Worker | | | |
| | | Ingestion | Dermal | Inhalation | Total Risk | Ingestion | Dermal | Inhalation | Total Risk |
| ***Metals*** | | | | | | | | | |
| Antimony | 72.45 | NA | NA | NA | -- | NA | NA | NA | -- |
| Cobalt | 9.37 | NA | NA | 6.9E-08 | 6.9E-08 | NA | NA | 5.2E-09 | 5.2E-09 |
| Chromium (VI) | 73 | 3.7E-07 | 5.4E-08 | 8.9E-06 | 9.4E-06 | 1.1E-05 | 1.3E-06 | 6.8E-07 | 1.3E-05 |
| Molybdenum | 1.67 | NA | NA | NA | -- | NA | NA | NA | -- |
| ***PCBs*** | | | | | | | | | |
| Aroclor 1248 | 0.697 | 1.4E-08 | 2.9E-08 | 3.2E-10 | 4.3E-08 | 4.3E-07 | 7.2E-07 | 2.5E-11 | 1.1E-06 |
| Aroclor 1254 | 0.37 | 7.5E-09 | 1.5E-08 | 1.7E-10 | 2.3E-08 | 2.3E-07 | 3.8E-07 | 1.3E-11 | 6.1E-07 |
| Aroclor 1260 | 0.105 | 2.1E-09 | 4.3E-09 | 4.9E-11 | 6.5E-09 | 6.4E-08 | 1.1E-07 | 3.7E-12 | 1.7E-07 |
| Aroclor 1262 | 0.58 | 1.2E-08 | 2.4E-08 | 2.7E-10 | 3.6E-08 | 3.5E-07 | 6.0E-07 | 2.1E-11 | 9.5E-07 |
| Aroclor 1268 | 0.26 | 5.2E-09 | 1.1E-08 | 1.2E-10 | 1.6E-08 | 1.6E-07 | 2.7E-07 | 9.2E-12 | 4.3E-07 |
| ***TPH*** | | | | | | | | | |
| TPH (aromatic high) | 920.5 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aliphatic high) | 920.5 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aliphatic low) | 64.75 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aromatic low) | 64.75 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aromatic medium) | 268.7 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aliphatic medium) | 268.7 | NA | NA | NA | -- | NA | NA | NA | -- |
| ***VOCs*** | | | | | | | | | |
| 1,1-Dichloroethane | 0.12 | 6.9E-12 | 1.0E-11 | 1.1E-11 | 2.8E-11 | 2.1E-10 | 2.5E-10 | 1.1E-09 | 1.5E-09 |
| 1,1-Dichloroethylene | 0.00023 | NA | NA | NA | -- | NA | NA | NA | -- |
| 1,2-Dichloroethylene (cis) | 0.64 | NA | NA | NA | -- | NA | NA | NA | -- |
| 1,2-Dichloroethylene (trans) | 0.036 | NA | NA | NA | -- | NA | NA | NA | -- |
| 1,2,4-Trimethylbenzene | 33 | NA | NA | NA | -- | NA | NA | NA | -- |
| 1,3,5-Trimethylbenzene | 9.9 | NA | NA | NA | -- | NA | NA | NA | -- |
| 2-Butanone | 1.8 | NA | NA | NA | -- | NA | NA | NA | -- |
| 4-Methyl-2-pentanone | 3.2 | NA | NA | NA | -- | NA | NA | NA | -- |
| Acetone | 0.5 | NA | NA | NA | -- | NA | NA | NA | -- |
| Benzene | 0.11 | 1.1E-10 | 1.6E-10 | 1.8E-10 | 4.6E-10 | 3.4E-09 | 4.1E-09 | 1.8E-08 | 2.6E-08 |
| Bromomethane | 0.2 | NA | NA | NA | -- | NA | NA | NA | -- |
| Ethylbenzene | 12 | 1.3E-09 | 1.9E-09 | 1.3E-09 | 4.6E-09 | 4.0E-08 | 4.9E-08 | 1.3E-07 | 2.2E-07 |
| Isopropylbenzene | 1.2 | NA | NA | NA | -- | NA | NA | NA | -- |
| MTBE | 0.015 | 2.7E-13 | 4.0E-13 | 1.7E-13 | 8.4E-13 | 8.3E-12 | 1.0E-11 | 1.7E-11 | 3.5E-11 |
| Naphthalene | 6.3 | 7.6E-09 | 1.1E-08 | 1.2E-09 | 2.0E-08 | 2.3E-07 | 2.8E-07 | 1.2E-07 | 6.3E-07 |
| Tetrachloroethylene | 4.1 | 2.2E-08 | 4.9E-08 | 1.5E-09 | 7.3E-08 | 6.8E-07 | 1.2E-06 | 1.5E-07 | 2.0E-06 |
| Toluene | 49 | NA | NA | NA | -- | NA | NA | NA | -- |
| Trichloroethylene | 1.2 | 5.6E-10 | 8.1E-10 | 3.2E-10 | 1.7E-09 | 1.7E-08 | 2.0E-08 | 3.2E-08 | 7.0E-08 |
| Vinyl Chloride | 0.1 | 7.3E-10 | 1.1E-09 | 1.2E-09 | 3.0E-09 | 2.2E-08 | 2.7E-08 | 1.2E-07 | 1.7E-07 |
| Xylenes, total | 75 | NA | NA | NA | -- | NA | NA | NA | -- |

Table C-8
Cumulative Cancer Risks from Multipathway Soil Exposure
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Worker Exposure Scenario | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Construction Worker | | | | Non-Intrusive Worker | | | |
| | | Ingestion | Dermal | Inhalation | Total Risk | Ingestion | Dermal | Inhalation | Total Risk |
| **Total Cancer Risk** | | | | | **9.6E-06** | | | | **2.0E-05** |

Notes: "nd" not detected
NA = Not applicable
mg/kg = milligrams per kilogram

# APPENDIX C

## Leighton September 3, 2021 Report

## Limited Soil And Soil Vapor Site Investigation

# REPORT
# LIMITED SOIL AND SOIL VAPOR SITE INVESTIGATION

# ROSEMEAD HOLDING, LLC - PHASE 1 DEVELOPMENT
# 2200 NORTH ROSEMEAD BOULEVARD
# SOUTH EL MONTE, CALIFORNIA

Prepared For: **ROSEMEAD HOLDING, LLC**
221 NORTH ORANGE AVENUE
INDUSTRY, CALIFORNIA 91744

Prepared By: **LEIGHTON CONSULTING, INC.**
17781 COWAN
IRVINE, CALIFORNIA 92614

Project No. 13111.001

September 3, 2021

Leighton Consulting, Inc.
A Leighton Group Company

September 3, 2021

Project No. 13111.001

Rosemead Holding, LLC
221 North Orange Avenue
Industry, California 91744

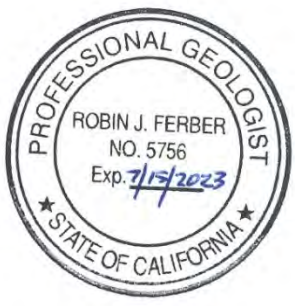
Attention: Mr. Wayne Wang, Owner

**Subject:** **Report - Limited Soil and Soil Vapor Site Investigation**
**Rosemead Holding, LLC - Phase 1 Development Site**
**2200 North Rosemead Boulevard**
**South El Monte, California**

This Limited Soil and Soil Vapor Site Investigation Report was prepared for Rosemead Holding, LLC's Phase 1 development project, which is located at 2200 North Rosemead Boulevard, South El Monte, California. The report was prepared by Leighton Consulting Inc. for Rosemead Holding, LLC, in a manner consistent with the level of care and skill ordinarily exercised by professional geologists and environmental scientists. This Report was prepared under the technical direction of the undersigned which include a California Professional Engineer and a California Professional Geologist.

Respectfully submitted,

LEIGHTON CONSULTING, INC.




Marius Vilkas
Staff Geologist
661.705.3026, mvikas@leightongroup.com

Matt Himmelstein, PE
Principal Engineer, 949-681-4276
949.681.4276, mhimmelstein@leightongroup.com

Robin J. Ferber, PG
Senior Principal Geologist
661-705-3025, rferber@leightongroup.com

MH/RF/lr

Distribution: (1) addressee (PDF via e-mail)

# TABLE OF CONTENTS

**SECTION ..... PAGE**

**1.0 INTRODUCTION ..... 1**

**2.0 PURPOSE OF INVESTIGATION ..... 3**

**3.0 SITE BACKGROUND ..... 4**

3.1. Historical Land Use ..... 4
3.2. Historical Investigations ..... 4
3.3. Regional/Site Groundwater Status ..... 9
3.4. Current Regulatory Status ..... 9

**4.0 PHYSICAL SETTING ..... 10**

4.1. Site Geology ..... 10
4.2. Hydrogeology ..... 10

**5.0 REGULATORY FRAMEWORK FOR SOIL INVESTIGATIONS ..... 11**

**6.0 INVESTIGATIVE METHODOLOGY ..... 12**

6.1. Pre-field Activities ..... 12

6.1.1. Preliminary Site Walk ..... 12
6.1.2. Site-Specific Health and Safety Plan (HASP) ..... 12
6.1.3. Notify Underground Services Alert (USA) ..... 12

6.2. June 2021 Soil & soil vapor Investigation ..... 12

6.2.1. Geophysical Utility Clearance ..... 13
6.2.2. Soil Sampling & logging Activities ..... 13
6.2.3. Soil Vapor Probe Construction ..... 14
6.2.4. Soil Vapor Sampling Activities ..... 15

6.3. Laboratory Analyses ..... 15

**7.0 LEIGHTON INVESTIGATIVE RESULTS ..... 16**

7.1. Field Observations ..... 16
7.2. Analytical Test Results – Leighton Soil Samples ..... 16

7.2.1. Title 22 Metals in Soil ..... 16
7.2.2. Title 22 Metals – STLC, TCLP, and Chromium VI Results ..... 18
7.2.3. Polychlorinated Biphenyls (PCBs) in Soil ..... 19
7.2.4. VOCs in Soil ..... 20
7.2.5. TPH in Soil ..... 21

7.3. Analytical Test Results – Leighton Soil Vapor Samples ..... 22

**8.0 EXTENT OF COPCS ..... 25**

8.1. Metals in Soil ..... 25

8.1.1. Lead ..... 25
8.1.2. Arsenic ..... 26
8.1.3. Chromium ..... 27
8.1.4. Other Metals ..... 27
8.2. PCBs in Soil ..... 27
8.3. VOCs in Soil ..... 28
8.4. TPH in Soil ..... 28
8.5. VOCs in Soil Vapor ..... 29
**9.0 CONCLUSIONS AND RECOMMENDATIONS ..... 30**
**10.0 LIMITATIONS/DISCLOSURE ..... 33**
**REFERENCES ..... 34**

## TABLES

Table 1 – Shallow Soil Boring and Soil Vapor Probe Summary
Table 2 – June 2021 Soil Analytical Test Results – Metals in mg/kg
Table 3 – June 2021 Soil Analytical Test Results – Polychlorinated Biphenyls in µg/kg
Table 4 – June 2021 Soil Analytical Test Results – Volatile Organic Compounds (VOCs) in µg/kg and Total Petroleum Hydrocarbons (TPH) in mg/kg
Table 5 – June 2021 Soil Vapor Analytical Test Results – Detected Volatile Organic Compounds (VOCs) in µg/m3

## FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Phase 1 Proposed Building Schematic
Figure 4 – Soil Sampling Locations from 2020 and 2021 Site Investigations

## PLATES

Plate 1 – Selected CAM-17 Metals Detected in Soil Samples in mg/kg
Plate 2 – Selected PCB Compounds Detected in Soil Samples in µg/kg
Plate 3 – Selected Volatile Organic Compounds in ug/kg and TPH in mg/kg Detected in Soil Samples
Plate 4 – Selected Volatile Organic Compounds Detected in Soil Vapor Samples in µg/m3 by EEC in October 2020
Plate 5 – Selected Volatile Organic Compounds in µg/m3 Detected in Leighton Soil Vapor Samples, June 2021

## Appendices

Appendix A – March 17, 1998 Los Angeles Regional Water Quality Control Board No Further Requirements Letter
Appendix B – Historical Data Tables
Appendix C – Boring Logs
Appendix D – Laboratory Reports and Chain-of-Custody Forms

# 1.0 INTRODUCTION

Leighton Consulting, Inc. (Leighton) has prepared this report for Rosemead Holding, LLC (RH) to summarize the results of the limited soil and soil vapor investigation conducted in June 2021 at 2200 Rosemead Boulevard in South El Monte, California (the site or subject property). The site includes all or portions of the following Los Angeles County AIN parcels: 8102-039-031, 8102-039-035, 8102-039-029, and 8102-039-030.

The tenants located at or recently vacated the site include:

1. The easternmost and most significant portion of the site is occupied by Ditty Container, Inc. Ditty subleased the from Pacific Coast Drum Company (PCD) from in 1996 and is in the process of vacating the site. Both PCD and Ditty cleaned, refurbished, and in some cases repainted drums and refurbished plastic tote containers since the 1940s, primarily for the food industry.

2. The northwestern-most portion of the site was formerly operated by BJ's Tire Spot and used for tire and truck tire repairs. We understand this tenant has vacated the site.

3. The two buildings south of BJ's Tire Spot were occupied by DreamWorks Auto Center and were used for auto body repair. Some of the building office space was shared between both with Ditty and DreamWorks Auto Center. We understand DreamWorks Auto Center has vacated the site.

The site is generally located north of Rush Street and east of Rosemead Boulevard in the City of South El Monte, California (see Figure 1).

This report also provides information for RH on how to address areas of the site where shallow soil is affected with selected metals, volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), and total petroleum hydrocarbons (TPH) exceeding regulatory-approved screening levels. In addition, this report addresses options associated with VOCs in soil vapor that exceed screening levels and may require mitigation. Soils requiring management as nonhazardous waste, non-RCRA hazardous waste, and/or RCRA hazardous waste requiring offsite disposal at a permitted landfill or facility are also discussed.

This industrial site is approximately 5.1-acres primarily consisting of concrete and asphalt paved lots with limited areas of exposed soil and vegetation in the southern portion. (Figure 2). The central, northern, and western portions of the subject property have five buildings; the easternmost buildings have been utilized for industrial cleaning

activities associated with Ditty Container, Inc. The westernmost buildings are currently vacant but were previously used for automotive repair and tire services (Figure 2). The northeast and eastern portions of the subject site are currently utilized for storage of used metal 55-gallon drums, cubic plastic tote containers, and associated accessories used in the food industry. The southern portion of the site consists of an asphalt and unpaved lot which is currently used as storage for truck trailers and shipping containers for the transport of food drums and related items.

The soil and soil vapor investigation, which was conducted by Leighton from June 18 through June 29, 2021, was performed to further characterize the lateral and vertical extent of CAM-17 metals, PCBs, and VOCs in soil, as well as VOCs in soil vapor, in locations beneath the site not investigated by previous consultants. The investigation included 20 soil borings, with ten (10) of these locations having dual- or multi-nested soil vapor probes also installed, up to a maximum depth of 35 feet below ground surface (bgs).

The proposed land use for the site is for commercial and industrial purposes, including street-front retail space, warehouse storage, and subterranean parking beneath the western most portion of the future building (Figure 3).

## 2.0 PURPOSE OF INVESTIGATION

The primary objective of this investigation was to characterize the lateral and vertical extent of the 17 metals listed in the California Code of Regulations, Title 22, Article 11 (i.e., the CAM-17 metals), PCBs, and VOCs in soil, as well as VOCs in soil vapor detected beneath the subject property, in conjunction with data from previous investigations. Soil sampling and analytical testing was also performed on soil samples collected along the eastern-most boundary of the site not previously been investigated. Soil and soil vapor sample locations were selected in areas where data gaps in previous site investigations were identified, and also to better define the lateral extent of chemicals of potential concern (COPCs) in the soil and soil vapor. Note that two separate rounds of subsurface investigations were conducted in 2020 as part of due diligence during the acquisition of the subject property and are discussed below. The three recent subsurface investigation and prior work undertaken in the 1990s, demonstrate that the subject property has been well characterized.

# 3.0 SITE BACKGROUND

## 3.1. HISTORICAL LAND USE

Based on a review of historical documents and aerial photographs (provided in Appendix B), the subject property appears to have the following historical and current land use history:

- Approximately 1928 through 1948 - Agricultural land use
- Approximately 1948 through 1959 – Construction equipment storage
- 1959 - Pacific Coast Drum Company (PCD) develops site and adjoining property to the north as a drum cooperage facility for reconditioning of steel drums primarily used in the food industry
- 1996 to Present Day – Ditty Container Company, Inc. (drum cleaning and reconditioning); including aboveground/underground storage tanks (AST/UST) and sumps
- 1996 to Present Day - various auto body shops have occupied the western portion of the subject property

## 3.2. HISTORICAL INVESTIGATIONS

As part of the scope of this investigation, Leighton completed a review of the pertinent historical investigative reports pertaining to the Site, which were provided by RH.

- Leighton reviewed multiple reports prepared by several environmental consultants between the years 1988 to1998. Many of these documents were prepared in response to regulatory oversight that was conducted by the Los Angeles Regional Water Quality Control Board (LARWQCB). The LARWQCB issued a March 17, 1998 No Further Requirements (NFR) letter to the Former Pacific Coast Drum Company (Appendix A). The letter summarized past activities that were conducted under regulatory oversight at the subject property. The NFR letter noted the following past activities:
    - Areas of concern at the site included a former underground storage tank (UST) containing gasoline; a drum storage area along the eastern and southern portions of the site; one clarifier and three sumps; and a drum storage area in the northeast corner of the site.

- A 12,000-gallon UST was removed in closed by the Los Angeles County Department of Public Works in October 1986.
- In 1988, a soil investigation was performed near the clarifier and sumps area and included exploratory soil borings to a maximum depth of 50 feet below ground surface (bgs). Acetone was detected at 5 feet bgs and TPH was detected at 40 feet bgs. Two of the exploratory soil borings were converted into monitoring wells (MW-1 and MW-2).
- In August 1990, one monitoring well (MW-3) was installed in the former drum storage area in the northeast corner of the site. Some VOCs were detected in soil at 30 feet bgs.
- In September 1991, a soil vapor survey was performed which included a total of 85 soil vapor probes installed at a depth of 5 feet bgs. Low concentrations of methane gas and vinyl chloride were detected in the probes. The LARWQCB noted that the soil vapor survey data was questionable as there were quality assurance/quality control problems.
- In August 1994, a soil investigation was performed which included a total of 16 borings drilled to a depth of 10 feet bgs. The VOCs detected in the probes included 1,1-dichloroethane (1,1-DCA), perchloroethylene (PCE), and trichloroethylene (TCE).
- In March 1995, a soil vapor survey was performed and the results were submitted by EST in a report dated April 5, 1995. Nested soil vapor probes were installed near the sumps and clarifier areas. Chlorinated VOCS including 1,1-DCA, cis-1,2-DCE, PCE, and TCE were detected in the soil vapor samples.
- In August 1995, another soil vapor survey was performed in the former drum storage area and the northeast corner of the site (currently offsite and to the north of the subject property). Concentrations of 1,1-Dichloroethylene (DCE), PCE and TCE were detected in the probes.
- In January 1996, an additional soil vapor survey was performed in the former drum storage area to the northeast corner of the site. Four nested probes were installed with probes at depths of 1 foot and 20 feet bgs. Elevated BTEX, PCE, and TCE were detected in the probes.
- Between April 18, 1997 and January 29, 1998, a total of four nested soil vapor probes at depths of approximately 15 and 20 feet bgs were sampled to monitor the VOC vapor concentrations in the vadose zone. Based on a total of four sets of vapor monitoring data, PCE, the compound detected at

the highest concentrations, reduced from 241 ug/l to 38 ug/l and became stabilized over the monitoring period.

- Three groundwater monitoring wells have been installed and sampled seven times since September 1990. VOCs detected in the groundwater samples included 1,1-DCA, 1,1-DCE, 1,2-DCE, PCE, trichloroethene (TCA), and TCE. The most elevated VOCs concentrations were detected in the monitoring well near the sumps and clarifier areas (i.e., MW-2). The groundwater was measured in February 1997 at a depth of approximately 21 feet bgs. (Note: Leighton measured the depth to groundwater in MW-2 in June 2021 at a depth of approximately 45 feet bgs.)

Based on the multiple investigations historically conducted between 1986 and 1998, the LARWQCB NFR letter summarized that further soil cleanup was not required. The LARWQCB indicated that residual VOCs concentrations in the vadose zone stabilized or declined over the monitoring period. The letter noted that further vapor monitoring was not warranted. In addition, the letter indicated that *"…the subject site has completed Regional Board staff requirements and we will not require any further remedial and investigative work with regarding [sic] to the soil contamination."* Lastly, the letter noted that "…*Because past operations have impacted groundwater beneath this facility, you remain a potentially responsible party for the regional groundwater cleanup which is being led by USEPA. This Regional Board encourages you to continue to participate and cooperate in the ongoing regional groundwater cleanup. Sampling of the three existing groundwater monitoring wells required by this Regional Board can be discontinued. However all monitoring wells must be properly maintained and made available for possible future sampling that may be required by USEPA."* In over 30 years, the USEPA has not requested any groundwater sampling from the site.

To evaluate site conditions associated with the potential demolition and redevelopment of the subject property by other parties including Rosemead Holding, more recent soil and soil vapor investigations were conducted at the site including the following:

- EEC Environmental's October 19, 2020 *Technical Memorandum, Results of Phase II Subsurface Investigation in August and September 2020*. The Phase II subsurface investigation included sampling of soil, soil vapor, and grab groundwater samples. EEC conducted a Phase II Subsurface Investigation in August and September 2020. A total of 33 soil borings were drilled to a depth of approximately 15 feet bgs. Soil samples were collected at depths of 2, 5, 10 and 15 feet bgs in each of the 33 soil borings. In addition, in 22 of the

33 borings, dual nested soil vapor probes were installed at depths of 5 feet bgs and 15 feet bgs and soil vapor samples were collected. Lastly, four additional soil borings to a depth of 48 feet bgs were installed to collect groundwater samples in soil samples in areas of concern. All of the analytical test data were compared to the San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels established for a commercial/industrial scenario.

Eighty-four soil samples were analyzed for VOCs. VOCs were detected in all soil samples with PCE, TCE, and BTEX compounds being the dominant VOCs detected. With the exception of soil sample SB-21 at 5 feet bgs (located in the south-central portion of the site) which contained PCE at 4,100 ug/kg exceeding its 2,700 ug/kg commercial ESL, there were no soil sampling data discovered by EEC that would indicate a source area for VOCs detected in the soil vapor samples collected by EEC. Total petroleum hydrocarbons (TPH) as gasoline and TPH as diesel detected in multiple soil samples some of which exceeded their respective ESLs. Twenty soil samples were analyzed for PCBs and three soil samples exceeded their respective commercial ESL for PCB Aroclors. Polycyclic aromatic hydrocarbons (PAHs) were analyzed for in 33 soil samples; however, only benzo(a)pyrene was detected above its commercial ESL in one soil sample (SB-14) in the northeast portion of the site at a depth of 2 feet bgs. Concentrations of antimony, arsenic, and lead were detected above their respective ESLs in various boring locations.

Results of soil vapor samples analyzed for VOCs indicated that elevated concentrations of VOCs are present throughout the site with the most elevated samples found along the southern portion of the subject property. Four groundwater samples were analyzed for VOCs and some of the VOCs exceeded their respective Maximum Contaminant Levels but EEC noted the VOCs were not present at concentrations that typically require remediation. Selected analytical test data from the EEC investigation are summarized in Appendix B.

- EFI Global *Additional Site Characterization Report*, prepared December 9, 2020. The EFI report also included soil sampling activities that were conducted on the site. EFI advanced 16 soil borings in November 2020 to further characterize and document lead and PCB impacts in soil in the eastern and southern portion of the subject property. The soil borings were drilled to a maximum depth of 4 feet bgs. A total of 69 soil samples were collected and selected soil samples were analyzed for total lead and PCBs. In addition, soil samples with elevated lead concentrations were also analyzed using the California Waste Extraction Test (CA WET) and Toxicity

Characteristic Leaching Procedure (TCLP) to evaluate their waste characteristic.

EFI found that total lead was detected in soil samples at concentrations ranging from 6.36 milligrams per kilogram (mg/kg) to 19,900 mg/kg. EFI's site characterization revealed soils with total lead concentrations that exceed the California-EPA, Department of Toxic Substances Control (DTSC)-Screening Level established for total lead (320 mg/kg) in a commercial/industrial setting. Based on the CA WET and TCLP extractions, some of the soil samples exceeded the 5.0 mg/l criteria that requires their management as Non-RCRA hazardous waste and RCRA hazardous waste when excavated.

The analysis of soil samples for PCBs revealed concentrations ranging from 66.7 ug/kg to 30,600 ug/kg. Multiple shallow soil samples exceeded the DTSC-SLs established for PCBs. The elevated PCB and total lead concentrations were found co-located at multiple boring all locations in shallow soil at depths generally less than 4 feet bgs. Selected analytical test data from the EFI characterization activities are summarized in Appendix B.

Leighton's review of the historical analytical test data from soil sampling indicates that shallow soil beneath portions of 2200 North Rosemead Boulevard is reported to have been affected by elevated concentrations of lead and PCBs. In addition, soil vapor and groundwater are reported to have been affected by elevated concentrations of VOCs.

The primary purpose of the soil investigation and soil vapor survey conducted by Leighton was to evaluate for the presence of data gaps and further evaluate the extent of COPCs previously investigated by others at the site with the ultimate goal of establishing a voluntary cleanup agreement with the Los Angeles Regional Water Quality Control Board and obtaining no further action status to facilitate the development of the site.

In the above-listed reports from 2020, the analytical test data were evaluated against the following multiple sources of soil screening levels established for a commercial setting: the San Francisco Bay Regional Water Quality Control Board (SFBRWQB) Environmental Screening Levels (ESLs) (January 2019), United States Environmental Protection Agency (US EPA) Regional Screening Levels (RSLs) (May 2020), and the California EPA, Department of Toxic Substances Control Screening Levels (DTSC-SLs) (June 2020). These screening levels were not proposed as remedial goals, and are presented in the report solely for context in reviewing areas of the site where COPCs may require remediation.

## 3.3. REGIONAL/SITE GROUNDWATER STATUS

The site is located in the San Gabriel Valley of California. The San Gabriel Valley includes the South El Monte Operable Unit (SEMOU) of the San Gabriel Valley Superfund site, which has been affected by groundwater contamination from VOCs including perchloroethylene (PCE), trichloroethylene (TCE), carbon tetrachloride, perchlorate, 1,4-dioxane, and other chemicals of concern (COCs). A May 15, 2012 Consent Decree between the US EPA/DTSC (Plaintiff) and various Settling Defendant parties (including PCD) was signed in 2012 and pertains to the SEMOU. The Settling Defendants of the Consent Decree (including PCD) entered into this agreement to protect public health but did not admit liability arising from any of the previous or current releases.

Two groundwater monitoring wells (MW-2 and MW-3) are located on the southern portion of the subject site (i.e., 2200 Rosemead Blvd parcel). It is unknown when the MW-2 and MW-3 monitoring wells were last sampled and tested. EEC encountered groundwater during Hydropunch sampling, in September 2020, at a depth of 45 feet bgs in four locations (EEC, October, 2020). The results of EEC's September 2020 grab groundwater sampling from four temporary Hydropunch groundwater wells indicated the presence of PCE, TCE, cis-1,2-DCE, 1,1-DCA, toluene, ethylbenzene, and total xylenes at concentrations exceeding the California Maximum Contaminant Level (CA MCL) for drinking water.

## 3.4. CURRENT REGULATORY STATUS

As noted above in Section 3.2, the LARWQCB issued a "No Further Requirements" letter to the Former Pacific Coast Drum Company on March 17, 1998. This letter stated that "…*To date, the subject site has completed Regional Board staff requirements and we will not require any further remedial and investigative work with regarding [sic] to the soil contamination."* In addition, the letter noted "…*we do not believe that further vapor monitoring is warranted*." No additional investigation of remedial activities was required for soil or soil vapor conditions at the site. Regulatory oversight for groundwater issues are discussed in the above Section 3.3.

# 4.0 PHYSICAL SETTING

## 4.1. SITE GEOLOGY

The subject site, approximately 237 feet above mean sea level (AMSL), is located approximately 0.25 miles east of the Rio Hondo River and approximately 2.75 miles west of the San Gabriel River, within the Los Angeles Basin (Basin), a structural trough located within Southern California. The Basin is a northwest-trending lowland plain about 50 miles long and 20 miles wide with extensive alluviation. Mountains and hills that generally expose Late Cretaceous to Late Pleistocene-age sedimentary and igneous rocks bound the Basin along the north, northeast, east and southeast (Dibblee, Jr., 1999).

The Basin is part of the Peninsular Ranges geomorphic province of California, which is characterized by subparallel blocks sliced longitudinally by young, steeply dipping northwest-trending fault zones. The Basin is a region of active sedimentation, and strata are interpreted to be as much as 31,000 feet thick in the center of the trough.

The near-surface native soils at the subject site are Holocene-age non-marine alluvium comprised of varying proportions of sand, gravel, silt, and clay deposited by the rivers. These deposits are anticipated to be on the order of several hundred feet in thickness, where they are subsequently underlain by thick (several thousands of feet) sequences of sedimentary rock formations (Dibblee, Jr., 1999).

## 4.2. HYDROGEOLOGY

Groundwater was not encountered in any boring drilled during the soil investigations performed by Leighton. However, two onsite groundwater monitoring wells, MW-2 and MW-3, were gauged during the June 2021 investigation, and respectively exhibited depths of 47.5 and 45.8 feet below the top of their casings. A few feet of water was present in each well: however, further details of their constructions are unknown. Groundwater elevations have lowered over time and depths to groundwater was reported at approximately 32 to 34 feet bgs in 2002. In 2020, groundwater was measured at 45 feet bgs in October 2020 (EEC, 2020), and approximately 46 to 48 feet during Leighton's current June 2021 investigation.

# 5.0 REGULATORY FRAMEWORK FOR SOIL INVESTIGATIONS

All analytical results for the soil samples collected were compared to the July 2019 SFBRWCQBESLs for a commercial/industrial setting. Additionally, all soil vapor sample results were compared to the July 2019 SFBRWQCB ESLs for sub-slab gas in a commercial/industrial setting. ESLs were utilized solely for comparison as a preliminary overview of the analytical results. No cleanup goals have been established for the site, or for the reuse of excavated soil during future building demolition or grading activities. ESLs may not represent the final clean-up levels for the future development of the site.

**Waste Classification and Management** – In addition to screening soil sample laboratory analytical results against ESLs, the analytical test results were also reviewed to evaluate if concentrations of COPCs are likely to require disposal as a nonhazardous waste, a Resource Conservation and Recovery Act (RCRA) hazardous waste, or as a non-RCRA hazardous waste (aka California hazardous waste). Selected soil samples from the site with concentrations of total lead, chromium or copper that were more than 10 times their respective California Soluble Threshold Limit Concentration (STLC) were analyzed using the California Waste Extraction Test (CA WET). Soil samples that contained metals at concentrations more than 20 times their respective STLC were analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) to evaluate if they required potential management as a RCRA or federal hazardous waste.

# 6.0 INVESTIGATIVE METHODOLOGY

## 6.1. PRE-FIELD ACTIVITIES

The tasks described in the subsections below were performed prior to initiating drilling activities.

### 6.1.1. PRELIMINARY SITE WALK

On June 14th, representatives of Leighton conducted a preliminary site walk with the purpose of surveying and marking the proposed boring and soil vapor probe locations. The proposed locations had been predetermined via satellite imagery and were assigned in locations that met the scope of data gap refinement for the subject property. During the site walk, the proposed locations were ground-verified for drill rig access, and were moved if suspected limited access was an issue. The locations were subsequently marked with white paint and coordinates for the drilling locations were captured utilizing a GPS unit (Trimble Geo 7x). A summary of the boring locations, their coordinates, and additional affiliated information is detailed in Table 1.

### 6.1.2. SITE-SPECIFIC HEALTH AND SAFETY PLAN (HASP)

Prior to conducting the field activities, a site-specific health and safety plan (HASP) was updated to encompass the field activities completed for this investigation, and to address potentially hazardous substances and petroleum products that may be encountered during the field work. The HASP specified the protective clothing and monitoring equipment to be used during the investigation and outlined implementation measures in the event of an emergency.

### 6.1.3. NOTIFY UNDERGROUND SERVICES ALERT (USA)

Each of the nineteen soil boring locations selected for this investigation (Figure 3) were field marked, and Underground Services Alert (USA) of Southern California (a.k.a. DigAlert) was notified on June 14, 2021, and requested to identify and demarcate the location of public utilities that may be entering the site. The location of each soil boring was identified with white paint in the field.

## 6.2. JUNE 2021 SOIL & SOIL VAPOR INVESTIGATION

The following tasks were performed as a part of the field portion of the investigation.

### 6.2.1. GEOPHYSICAL UTILITY CLEARANCE

Prior the initial concrete coring and drilling for the collection of subsurface soil samples, Leighton subcontracted Spectrum Geophysical (Spectrum) to survey the drilling locations for underground utilities in supplement to contacting USA DigAlert. On June 18th, technicians from Spectrum met with Leighton personnel, who directed them to the designated boring locations within the subject property. The boring locations were cleared for subsurface utility lines, and other potential obstructions, with a couple of locations slightly adjusted due to potential conflicts. .

### 6.2.2. SOIL SAMPLING & LOGGING ACTIVITIES

On June 18th, 21st, 22nd, and 23rd, 20 soil borings were advanced by Interphase Environmental, Inc. (Interphase) using a Geoprobe 6600 truck-mounted and a Geoprobe 6620dt track-mounted direct push rig. The track-mounted rig was utilized for the boring locations that had limited access. The locations of the 20 borings, designated LV-1 through LV-20, are provided on Figure 4.

At each boring location, soil samples were obtained at various intervals starting at one (1) foot bgs, to a depth of approximately 10 or 20 feet bgs (boring dependent) using a direct-push drill rig by advancing drilling rods containing acetate sleeves to the desired depth.

Borings LV-1 through LV-10 were sampled at the intervals of 1, 5, 10, 15, and 20 feet bgs and drilled to a final approximate depth of 35.5 feet bgs. Borings LV-11 through LV-19 were sampled at intervals of 1, 2.5, 5, 7.5, and 10 feet bgs, and drilled to an approximate depth of 10 feet bgs. The drilling rods were retracted, and the acetate sleeve containing a continuous cored soil interval was observed by the Leighton field geologist after it was split open. At each desired sampling depth, an approximate 7-inch section of the soil sequence was sampled into a set of five volatile organic analysis (VOA) vials via TerraCore™ samplers in general accordance with EPA Method 5035, for VOC and Carbon-Chain analysis. Additionally, soil samples from the same interval were collected into either a laboratory-supplied glass jar containing a minimum of 8 ounces of soil (compacted to minimize head space) or a six-inch section of acetate sleeve that was cut from the desired sampling interval, and capped with Teflon sheeting and endcaps. Each soil sample container and sleeve was clearly marked with a sample ID, sampling depth, and time and date collected, and then placed in an ice-cooled chest for temporary storage pending transport under proper chain-of-custody protocol to Eurofins

Calscience, LLC (Eurofins), a State of California-Certified analytical laboratory located in Garden Grove, California.

The soil intervals were continuously cored and logged for soil classification purposes, to observe for potential staining or discoloration, and potentially for correlation purposes. The soils encountered were logged for soil type in accordance with the Unified Soil Classification System (USCS). Logs of each boring were recorded and include the name of the drilling company, initials of the geologist, drilling method, auger size, approximate sampling interval, photoionization detector (PID) measurements, odors, color, and discolorations (if present). During boring advancement, a PID calibrated to a standard gas, was used to evaluate the soil cuttings and samples for VOCs. Copies of the boring logs recorded are presented in Appendix C.

### 6.2.3. SOIL VAPOR PROBE CONSTRUCTION

Ten (10) sets of dual- or multi-nested soil vapor probes were installed between June 18th and June 23rd in general accordance with the 2012 Advisory for Active Soil Gas Investigations (DTSC, 2012). Soil vapor probes were installed at locations LV-1 through LV-10. Probes were set at approximate depths of 5, 15, and 35 feet bgs for locations LV-3, LV-4, and LV-7 through LV 10, and at approximate depths of 20 and 35 feet bgs for locations LV-1, LV-2, LV-5, and LV-6. Depths were slightly adjusted by the field geologist in consideration of existing soil composition, with emplacement focused on permeable soil (e.g., coarse-grained soils). Specific soil vapor probe depths for each drilling location are indicated on the logs in Appendix C.

The dual- or multi-nested soil vapor probes consisted of porous soil vapor implants connected to inert ¼-inch diameter Nylaflow tubing. The deep probe was suspended in the borehole at the appropriate depth, and 1.0 foot of silica sand was poured around the probe. Approximately six (6) inches of dry bentonite granules was placed above the filter pack, followed by a hydrated bentonite seal until the next probe depth. Six inches dry bentonite chips were added to the top of the hydrated bentonite grout, which aided the installation of the shallow soil vapor probe using the same construction as the deep probe. From the top of the dry bentonite above the shallow soil vapor probe, hydrated bentonite was added to the borehole via tremie pipe to approximately 0.5 feet bgs. Traffic-rated well boxes were then installed to complete the dual-nested soil vapor probe. The probes were allowed to equilibrate for a minimum of 24 hours before soil vapor samples were collected. Depths and construction for each dual-nested soil vapor probe are detailed in the boring logs located in Appendix C.

### 6.2.4. SOIL VAPOR SAMPLING ACTIVITIES

A total of 28 soil vapor samples were collected on June 28 and 29, 2021 by H & P Geochemistry, Inc. field personnel in general accordance with the DTSC Guidance.

Prior to purging and sampling, a shut-in test was conducted along the sampling train setup at each probe sampling depth and location. A tracer gas mixture of n-pentane, n-hexane, and n-heptane was applied to the dual-nested soil vapor probes at each point of connection in which ambient air could enter the sampling system. These connection points include the top of the probe where the tubing meets the probe connection, and the surface cement seals. If a leak was detected, the sampling train will be reset and adjusted until no leaks are detected. An electric vacuum pump set to draw 0.200 liters/min of soil vapor at a maximum vacuum of 100 inches of water was attached to purge each probe prior to sample collection. A standard of three purge volumes was used to remove stagnant air from the sampling system so that representative soil vapor samples could be collected. After purging was completed, soil vapor samples were obtained using a dedicated, pre-cleaned glass, gas-tight syringe with Teflon® plungers, by drawing the sample through the Luer lock connection that connects the sampling probe tubing to the syringe. Soil vapor samples were then collected into the syringe and immediately injected into the onsite mobile laboratory gas chromatograph purge and trap system.

## 6.3. LABORATORY ANALYSES

Ninety-two (92) soil samples were analyzed by the analytical laboratory by for a specified combination of US EPA Methods including US EPA Method 6010B for Title 22 Metals, 7471A for Mercury, 8082 for PCBs, 8015B for TPH-DRO and TPH-ORO, and by 5035/8260B for TPH-GRO and VOCs. Twenty five (25) soil vapor samples were analyzed for VOCs and TPH-GRO by US EPA Method 8260SV. The laboratory analytical reports accompanied by their chain-of-custody documentation are presented in Appendix D.

# 7.0 LEIGHTON INVESTIGATIVE RESULTS

## 7.1. FIELD OBSERVATIONS

Soil sampling activities were performed by Leighton personnel at the site on June 18th, and from June 21st through June 23rd. Logs of boring were prepared for each soil boring and include soil descriptions, PID measurements for VOCs, and observations of any potential soil discoloration and/or unusual odors. The logs for borings LV-1 through LV-19 are presented in Appendix C.

Generally, the soils encountered in the subsurface of the subject property consisted primarily of light brown, brown, or dark brown poorly-graded sand and clay with varied gravel content, sandy clay, silt, silty sand, and clayey sand ranging between two (2) inches and 4.5 feet in thickness.

Soils with a degraded petroleum hydrocarbon-like odor were observed emanating from soil intervals in some of the soil borings at near surface depths (0 to 5 feet bgs), which include soil borings LV-3, LV-8, LV-14A, LV-14B, and LV-17. PID measurements for VOCs were collected at each soil boring at depths between five feet bgs to the total drilled depth. Measured PID readings during drilling below ground surface (bgs) ranged between 0.0 parts per million (ppm) to 650.5 ppm. PID readings are detailed out in the boring logs in Appendix C.

## 7.2. ANALYTICAL TEST RESULTS – LEIGHTON SOIL SAMPLES

A total of 92 soil samples were collected and analyzed by Leighton as a part of this limited site investigation. Laboratory reports and chain-of-custody documentation for the soil samples are presented in Appendix D. All of the soil samples were analyzed by the methods listed on the chain-of-custody form that accompanied the samples. Every soil sample was analyzed by for TPH as gasoline range organics (GRO) by US EPA Methods 8015B, VOCs by US EPA Method 8260B, metals by USEPA Methods 6010B and 7471A, and for PCBs by USEPA Method 8082. However, soil samples at the intervals of 2.5 and 7.5 feet bgs in borings LV-11 through LV-19, and the soil sample retrieved at LV-14B and LV-20, were not analyzed for VOCs (US EPA Method 8260B).

The section below summarizes and discusses the laboratory analytical testing results for the soil samples collected at the site.

### 7.2.1. TITLE 22 METALS IN SOIL

Table 2 provides a summary of Title 22 Metal concentrations detected in soil samples, and Plate 1 shows the distribution of select metal concentrations

detected in samples from each soil boring location, along with historical metal concentration data from previous investigations.

- Antimony was detected in 3 soil samples at concentrations ranging from 2.98 mg/kg in soil sample LV-19-1 to 13.6 mg/kg in soil sample LV-15-1.
- Arsenic was detected in 23 soil samples at concentrations ranging from 2.4 mg/kg in soil sample LV-6-1 to 40.2 mg/kg in soil sample LV-7-5.
- Barium was detected in 86 soil samples at concentrations ranging from 11.7 mg/kg in soil sample LV-6-10 to 434 mg/kg in soil sample LV-10-1.
- Beryllium was detected in 55 soil samples at concentrations ranging from 0.25 mg/kg in soil sample LV-5-10 to 0.796 mg/kg in soil sample LV-19-10.
- Cadmium was detected in 55 soil samples at concentrations ranging from 0.479 mg/kg in soil sample LV-11-7.5 to 3.22 mg/kg in soil sample LV-101.
- Chromium was detected in 86 soil samples at concentrations ranging from 1.84 mg/kg in soil sample LV-11-7.5 to 207 mg/kg in soil sample LV-10-1.
- Cobalt was detected in 84 soil samples at concentrations ranging from 0.991 mg/kg in soil sample LV-6-1 to 22 mg/kg in soil sample LV-3-1.
- Copper was detected in 85 soil samples at concentrations ranging from 1.13 mg/kg in soil sample LV-6-1 to 1250 mg/kg in soil sample LV-7-5.
- Lead was detected in 27 soil samples at concentrations ranging from 5.23 mg/kg in soil sample LV-1-15 to 2680 mg/kg in soil sample LV-10-1.
- Molybdenum was detected in 7 soil samples at concentrations ranging from 0.543 mg/kg in soil sample LV-17-1 to 22.7 mg/kg in soil sample LV-10-1.
- Nickel was detected in 86 soil samples at concentrations ranging from 0.491 mg/kg in soil sample LV-6-5 to 106 mg/kg in soil sample LV-3-1.
- Silver was detected in one (1) soil sample at a concentration of 1.74 mg/kg in soil sample LV-10-1.
- Vanadium was detected in 86 soil samples at concentrations ranging from 2.42 mg/kg in soil sample LV-6-5 to 75.3 mg/kg in soil sample LV-19-10.
- Zinc was detected in 79 soil samples at concentrations ranging from 12 mg/kg in soil sample LV-2-5 to 1770 mg/kg in soil sample LV-7-5.

- Mercury was detected in 24 soil samples at concentrations ranging from 0.0833 mg/kg in soil sample LV-14A-2.5 to 1.22 mg/kg in soil sample LV-10-1.

### 7.2.2. TITLE 22 METALS – STLC, TCLP, AND CHROMIUM VI RESULTS

After review of the results for metals in the soil samples collected during the June 2021 investigation, some soil samples required additional waste characterization analyses.

As noted in Section 5.0, selected soil samples from the site with concentrations of total lead, chromium or copper that were more than 10 times their respective California STLC were analyzed using the CA WET to evaluate if they potentially require management as a Non-RCRA hazardous waste (aka, California hazardous waste). Soil samples that contained metals at concentrations more than 20 times their respective STLC were analyzed using the TCLP to evaluate if they require potential management as a RCRA or federal hazardous waste.

If the metal concentration of a soil sample initially exceeded its California Total Threshold Limit Concentration (TTLC), it will be managed as a Non-RCRA hazardous waste and potentially as a RCRA hazardous waste based on the results of the TCLP.

Any soil samples that exhibited total chromium concentrations exceeding 50 mg/kg (i.e., 10 times the 5.0 mg/l STLC established for chromium), the soil samples were also analyzed for hexavalent chromium (Cr VI). Table 2 provides a summary of the STLC, TTLC, and Cr VI results of the select soil samples. A summary discussion of metal results requiring additional lab work is detailed below.

<u>Chromium:</u>

- CA WET analysis for chromium was required for soil samples LV-3-1, LV-3-5, LV-3-10, LV-7-1, LV-7-10, LV-9-10, LV-10-1, LV-15-1, and LV-19-10. None of the soil samples exhibited soluble chromium detections, which therefore did not exceed the STLC of 5 mg/L for chromium.
- TCLP analysis for chromium was required for soil sample LV-7-10. No detected chromium was reported by the TCLP analysis.
- Cr VI analyses were required for soil samples LV-3-1, LV-3-5, LV-3-10, LV-7-1, LV-7-10, LV-9-10, LV-10-1, LV-15-1, and LV-19-10. Cr VI was

detected in six (6) soil samples with concentrations ranging from 480 µg/kg in soil sample LV-7-10 to 73,000 µg/kg in soil sample LV-10-1.

Copper:

- CA WET analyses for copper were required for soil samples LV-7-5 and LV-9-5. None of the soil samples exhibited detections above the STLC of 25 mg/L established for copper.

Lead:

- WET analyses for lead were required for soil LV-7-5, LV-9-5, LV-12-1, LV-18-1, LV-19-1, and LV-20-0.5. None of the soil samples exhibited soluble lead detections, which therefore did not exceed the STLC of 5 mg/L for lead.
- TCLP analyses for lead were required for soil LV-7-5, LV-10-1, LV-12-1, LV-15-1, LV-18-1, LV-19-1, and LV-20-0.5. None of the soil samples were reported to contain detected lead by the TCLP analysis, which therefore did not exceed the TCLP of 5 mg/L for lead.

### 7.2.3. POLYCHLORINATED BIPHENYLS (PCBS) IN SOIL

Table 3 provides a summary of PCB concentrations detected in soil samples, and Plate 2 shows the distribution of select PCB concentrations detected in samples from each soil boring location, along with historical PCB concentration data from previous investigations.

- Aroclor-1248 was detected in 4 soil samples at concentrations ranging from 69 µg/kg in soil sample LV-4-1 to 13,000 µg/kg in soil sample LV-8-1.
- Aroclor-1254 was detected in 7 soil samples at concentrations ranging from 110 µg/kg in soil sample LV-19-1 to 15,000 µg/kg in soil sample LV-8-1.
- Aroclor-1260 was detected in 6 soil samples at concentrations ranging from 73 µg/kg in soil sample LV-7-1 to 4,000 µg/kg in soil sample LV-8-1.
- Aroclor-1262 was detected in one (1) soil sample, LV-17-2.5, at a concentration of 580 µg/kg.
- Aroclor-1268 was detected in one (1) soil sample, LV-17-2.5, at a concentration of 260 µg/kg.

### 7.2.4. VOCS IN SOIL

Table 4 provides a summary of VOC concentrations detected in soil samples. Due to the lack of consistent VOC concentrations exceeding their respective SFRWCQB ESLs for the June 2021 soil samples, Plate 3 only shows the distribution of select concentrations detected in samples from historical VOC concentration data from previous investigations. In regards to the current soil samples:

- PCE was detected in 16 soil samples at concentrations ranging from 0.99 µg/kg in soil sample LV-18-10-DUP to 59 µg/kg in soil sample LV-8-1.
- TCE was detected in 5 soil samples at concentrations ranging from 1.70 µg/kg in soil sample LV-13-1 to 160 µg/kg in soil sample LV-8-1.
- cis-1,2-DCE was detected in one (1) soil sample, LV-3-1, at a concentration of 2.50 µg/kg.
- Benzene was detected in 28 soil samples at concentrations ranging from 1.00 µg/kg in soil sample LV-4-5 to 7.30 µg/kg in soil sample LV-11-5.
- Toluene was detected in 28 soil samples at concentrations ranging from 0.86 µg/kg in soil sample LV-1-1 to 2,200 µg/kg in soil sample LV-8-1.
- Ethylbenzene was detected in fine (5) soil samples at concentrations ranging from 0.91 µg/kg in soil sample LV-12-5 to 1000 µg/kg in soil sample LV-8-1.
- Total Xylenes were detected in five (5) soil samples at concentrations ranging from 2.0 µg/kg in soil sample LV-3-10-DUP to 2,400 µg/kg in soil sample LV-8-1.
- 1,2,4-Trimethylbenzene (1,2,4-TMB) was detected in four (4) soil samples at concentrations ranging from 3.50 µg/kg in soil sample LV-7-1 to 6,900 µg/kg in soil sample LV-17-5.
- 1,3,5-Trimethylbenzene (1,3,5-TMB) was detected in two (2) soil samples, LV-14A-1, and LV-17-5, at concentrations of 4.0 µg/kg in soil sample LV-14A-1 and 2,700 µg/kg in soil sample LV-17-5.
- 1,1-Dichloroethane (1,1-DCA) was detected in three (3) soil samples at concentrations ranging from 0.90 µg/kg in soil sample LV-3-1 and 120 µg/kg in soil sample LV-8-1.

- Acetone was detected in 36 soil samples at concentrations ranging from 15.0 µg/kg in soil sample LV-18-10-DUP and 290 µg/kg in soil sample LV-19-1.
- 2-Butanone was detected in three (3) soil samples at concentrations ranging from 22.0 µg/kg in soil sample LV-14A-1 and 26.0 µg/kg in soil sample LV-19-1.
- Isopropylbenzene was detected in one (1) soil sample, LV-8-1, at a concentration of 100 µg/kg.
- Methyl tert-butyl ether (MTBE) was detected in one (1) soil sample, LV-14A-5, at a concentration of 1.70 µg/kg.
- 1,4-Dichlorobenzene was detected in one (1) soil sample, LV-8-1, at a concentration 45 µg/kg.
- n-Butylbenzene was detected in two (2) soil samples, LV-8-1 and 17-5, at concentration of 300 µg/kg and 1000 µg/kg, respectively.
- n-Propylbenzene was detected in two (2) soil samples, LV-8-1 and 17-5, at concentration of 140 µg/kg and 390 µg/kg, respectively.
- p-Isopropyltoluene was detected in two (2) soil samples, LV-8-1 and 17-5, at concentration of 100 µg/kg and 780 µg/kg, respectively.
- sec-Butylbenzene was detected in two (2) soil samples, LV-8-1 and 17-5, at concentration of 90 µg/kg and 410 µg/kg, respectively.
- Styrene was detected in one (1) soil samples, LV-8-1, at a concentration of 150 µg/kg.
- Trichlorofluoromethane was detected in one (1) soil samples, LV-8-1, at a concentration of 550 µg/kg.

### 7.2.5. TPH IN SOIL

Table 4 also provides a summary of TPH concentrations detected in soil samples.

- TPH-GRO (carbon chain C4-C12) were detected in seven (7) soil samples at concentrations ranging from 0.16 µg/kg in soil sample LV-14A-1 to 270 µg/kg in soil sample LV-17-5.
- TPH-Diesel Range Organics (TPH-DRO; C13-C22) were detected in 40 soil samples at concentrations ranging from 5.10 µg/kg in soil sample LV-

12-1 to 3,900 µg/kg in soil sample LV-7-1. TPH-Oil Range Organics (TPH-ORO; C23-C40) were detected in 61 soil samples at concentrations ranging from 5.00 µg/kg in soil sample LV-8-10 to13,000 µg/kg in soil sample LV-7-1.

## 7.3. ANALYTICAL TEST RESULTS – LEIGHTON SOIL VAPOR SAMPLES

A total of 28 soil vapor samples were collected and analyzed by H&P Geochemistry as a part of this limited site investigation. Laboratory report and chain-of-custody documentation for the soil vapor samples are presented in Appendix D. All of the soil vapor samples were analyzed by the US EPA Method 8260SV, which is listed on the chain-of-custody form that accompanied the samples. The concentrations of VOCs detected in soil vapor samples collected from multiple depths are summarized in Table 5. Plates 4 and 5 illustrate the distribution of select VOCs of concern detected in the soil vapor samples collected at multiple depths from historical investigations and from current soil vapor samples collected from the probes during this investigation, respectively.

The following summarizes the soil vapor sample depths (the depth of collection is the last number in the soil vapor sample ID number) and concentration ranges for each VOC detected in the soil vapor samples:

- PCE was detected in 24 of 28 soil vapor samples at concentrations ranging from 32 µg/$m^3$ in soil vapor sample LV-1-35 to 6,800 µg/$m^3$ in soil vapor sample LV-9-15.
- TCE was detected in all 28 soil vapor samples at concentrations ranging from 31 µg/$m^3$ in soil vapor sample LV-4-35-DUP to 10,000 µg/$m^3$ in soil vapor sample LV-4-14.
- cis-1,2-DCE was detected in 18 soil vapor samples at concentrations ranging from 200 µg/$m^3$ in soil vapor sample LV-6-20 to 16,000 µg/$m^3$ in soil vapor sample LV-4-35.
- 1,1-DCA was detected in 23 soil vapor samples at concentrations ranging from 40 µg/$m^3$ in soil vapor sample LV-2-20 to 6,500 µg/$m^3$ in soil vapor sample LV-7-15 REP.
- Benzene was detected in nine (9) soil vapor samples at concentrations ranging from 11 µg/$m^3$ in soil vapor sample LV-9-6 to 82 µg/$m^3$ in soil vapor sample LV-8-5.
- Ethylbenzene was detected in one (1) soil vapor sample, LV-5-34 at a concentration of 44 µg/$m^3$.

- Vinyl Chloride was detected in 12 soil vapor samples at concentrations ranging from 14 µg/m$^3$ in soil vapor sample LV-4-5 to 6,100 µg/m$^3$ in soil vapor sample LV-3-35.
- Freon 12 was detected in three (3) soil vapor samples at concentrations ranging from 44 µg/m$^3$ in soil vapor sample LV-3-10 to 61 µg/m$^3$ in soil vapor sample LV-3-15.
- Freon 113 was detected in 16 soil vapor samples at concentrations ranging from 68 µg/m$^3$ in soil vapor sample LV-2-35 to 260 µg/m$^3$ in soil vapor sample LV-7-7.
- trans-1,2-DCE was detected in nine (9) soil vapor samples at concentrations ranging from 60 µg/m$^3$ in soil vapor sample LV-8-35 to 190 µg/m$^3$ in soil vapor sample LV-3-35.
- 1,1-DCE was detected in 10 soil vapor samples at concentrations ranging from 68 µg/m$^3$ in soil vapor sample LV-9-35 to 500 µg/m$^3$ in soil vapor sample LV-8-15.
- 1,1,1-TCA was detected in three (3) soil vapor samples at concentrations ranging from 41 µg/m$^3$ in soil vapor sample LV-9-35 to 77 µg/m$^3$ in soil vapor sample LV-8-15.
- 1,2,4-TMB was detected in five (5) soil vapor samples at concentrations ranging from 42 µg/m$^3$ in soil vapor sample LV-5-34 to 73 µg/m$^3$ in soil vapor sample LV-7-35.
- 1,2-DCP was detected in four (4) soil vapor samples at concentrations ranging from 53 µg/m$^3$ in soil vapor sample LV-6-35 to 240 µg/m$^3$ in soil vapor sample LV-3-15.
- p-Isopropyltoluene was detected in one (1) soil vapor sample, LV-5-34, at a concentration of 41 µg/m$^3$.
- MTBE was detected in nine (9) soil vapor samples at concentrations ranging from 58 µg/m$^3$ in soil vapor sample LV-9-35 to 260 µg/m$^3$ in soil vapor sample LV-7-35.
- Chloroethane was detected in one (1) soil vapor sample, LV-5-34, at a concentration of 41 µg/m$^3$.
- 1,2-DCA was detected in two (2) soil vapor samples, LV-8-15 and LV-8-35, at a concentration of 160 µg/m$^3$ and 77 µg/m$^3$, respectively.

- 1,1,1-TCE was detected in three (3) soil vapor samples at concentrations ranging from 41 µg/$m^3$ in soil vapor sample LV-9-6 REP to 77 µg/$m^3$ in soil vapor sample LV-9-15.

To summarize, VOCs in soil vapor are widely distributed over the subject property and the soil vapor data does not indicate a likely source area for VOCs at the site. The primary COPCs in soil vapor are chlorinated compounds, specifically PCE, TCE, cis-1,2-DCE and 1,1-DCA. Natural degradation of PCE and TCE may account for the presence of cis-1,2-DCE in the subsurface, as this break-down product is typically not encountered in the same borings at the same sample depths as PCE and TCE.

# 8.0 EXTENT OF COPCS

The following sections describe the extent of COPCs encountered at concentrations exceeding non-RCRA or RCRA hazardous waste criteria, and the SFRWQCB ESLs. Results from the 2020 EFI and EEC soil investigations, including VOCs in soil vapor from investigations dating as far back as 1991, as well as the current investigation, are discussed in this section.

Appendix B provides a summary of historical analytical test data in table format from the following soil and soil vapor investigations conducted by other firms:

- Table C1 summarizes CAM-17 metals soil data from the 2020 EFI and EEC site investigations.
- Table C2 summarizes PCB soil data from the 2020 EFI and EEC investigations
- Table C3 summarizes VOC and TPH soil data from the 2020 EEC site investigation.
- In addition, VOCs detected in soil vapor samples collected by multiple consultants from 1991 through 2020 are summarized in Table C4.

## 8.1. METALS IN SOIL

### 8.1.1. LEAD

Lead was reported in the majority of soil samples collected in the upper 1 to 2 feet bgs in the eastern portion of the property in excess of its ESL (Plate 1). The only sample deeper than 2 feet bgs that exceeded the ESL was a 3 feet sample from B6. All soil samples exceeding the lead ESL were bound by deeper samples, typically at 3 to 5 feet bgs, that had concentrations of lead below the ESL. Borings EFI1 through EFI5 were the exception and not sampled below 2 feet bgs.

For the samples that exceeded the ESL for lead, a total of 26 samples were subject to the CA WET, with 13 of those samples reported with soluble lead concentrations in excess of the 5 mg/L, exceeding the threshold for non-RCRA hazardous waste. An additional 12 samples had total lead concentrations in excess of 1,000 mg/kg and also require management as Non-RCRA hazardous waste. Thirty-one samples were subject to the TCLP extraction process; five samples of which exceeded the 5 mg/l threshold indicating they will require management as RCRA hazardous waste.

The upper two feet of the eastern third of the site has lead-impacted soil above its ESL, with the possibility that it may also require the soil to be

managed as a non-RCRA hazardous waste or RCRA hazardous waste. The preparation of a soil contingency and management plan will address the proper profiling and waste characteristic of soil onsite as well as soil suitable for reuse onsite.

Lead was not detected in excess of its ESL in the western two-thirds of the site.

### 8.1.2. ARSENIC

Arsenic concentrations in soil were compared to the 12 mg/kg default background concentration of arsenic in Southern California soils established by the DTSC. Only eight of 122 samples were reported with concentrations of arsenic above this concentration, with the maximum being 40 mg/kg in the 5 foot sample from LV-7.

### 8.1.3. CHROMIUM

Chromium was not detected in any sample at concentrations exceeding its ESL. One sample, SB-19 at 2 feet bgs contained total chromium in excess of 2,500 mg/kg, the threshold for classification as a non-RCRA hazardous waste. This sample location also contained lead in excess of the non-RCRA hazardous waste threshold.

Of the 86 samples collected as part of the Leighton 2021 limited site investigation, nine were reported with total chromium concentrations above 50 mg/kg, triggering extraction and analyses by the CA WET method, as well as analyses for the presence of hexavalent chromium. None of the extracts were reported with concentrations exceeding the threshold for classification as a Non-RCRA hazardous waste. Two samples, LV-10 and LV-15, both at 1 foot bgs, each had hexavalent chromium concentrations exceeding the ESL. Both of these sample locations also contained lead at concentrations exceeding the Non-RCRA hazardous waste threshold.

While hexavalent chromium was reported in two samples in excess of its ESL, those sample locations also were reported with lead in excess of the threshold for characterization as a non-RCRA hazardous waste. No other samples collected by Leighton exceeded the RSL or the non-RCRA or RCRA hazardous waste threshold for chromium or hexavalent chromium.

### 8.1.4. OTHER METALS

Antimony was detected in only one sample in excess of its ESL: SB-23 at 2 feet bgs.

Copper was not detected in any samples above its ESL, but two samples were reported with copper at concentrations triggering further analysis to evaluate if the sample was a Non-RCRA hazardous waste. The extract from the two samples were reported at non-detect, resulting in non-hazardous classification for this compound.

## 8.2. PCBS IN SOIL

PCBs were reported in soil samples in excess of the ESL for samples collected in the upper 1 to 4 feet bgs, on the eastern third of the Site (Plate 2). With the exception of borings SB-14 and LB-9, all soil samples with detections of PCBs in excess of their respective commercial ESLs also were reported co-located with metal concentrations in excess of their respective commercial ESLs. With the exception of B5 at 4 feet bgs, all detections of PCBs above the ESL were bound by samples collected at a lower depth with reported concentrations below the

PCB ESLs. There were no detections of PCBs deeper than 5 feet bgs, nor were there detections in the western two-thirds of the Site.

## 8.3. VOCS IN SOIL

No VOCs were detected in soil samples, collected by either EEC in 2020 or Leighton in 2021, that exceed SFRWQCB RSLs or non-RCRA or RCRA hazardous waste classification criteria (Plate 3). With the exception of soil sample SB-21 at 5 feet bgs which contained PCE at 4,100 ug/kg exceeding its 2,700 ug/kg commercial ESL, there are no soil sampling data to date that would indicate a source area for VOCs detected in the soil vapor. Soil samples from SB-21 collected and analyzed from a depth of 2 feet bgs (<5.0 ug/kg) and 10 feet bgs (0.30 ug/kg J) did not contain PCE at concentrations exceeding the 2,700 ug/kg commercial ESL. Considering that since 2020, a total of 176 soil samples were analyzed for VOCs, the PCE commercial ESL exceedance in soil sample SB-21 at 5 feet bgs should be considered an outlier.

## 8.4. TPH IN SOIL

TPH samples were speciated into three ranges based on carbon chain length. TPH-GRO was represented by carbon chains C4/C6 through C12, TPH-DRO by carbon chains C13 through C22, and TPH-ORO by carbon chains C23 through C40/44. The variability in the lower bound for GRO and upper bound for ORO is due to differences in the laboratories analyzing the data.

One sample, SB-23 at 2 feet bgs (Plate 3), was reported with a TPH-GRO concentration of 2,600 mg/kg exceeding its 2,000 mg/kg commercial ESL. The soil sample (i.e., SB-23 at 2 feet bgs) was also reported with a TPH-DRO concentration of 8,500 mg/kg which is in excess of the 1,200 mg/kg commercial ESL established for TPH-DRO.

A total of seven samples were reported with concentrations of TPH-DRO in excess of the SFRWQCB ESL of 1,200 mg/kg. In general, these samples are located in the upper 1 to 2.5 feet, and are bound by deeper samples with concentrations below the ESL. The one exception is SB-21, which was reported with 1,500 mg/kg at 5 feet bgs, which slightly exceeds the TPH-DRO ESL of 1,200 mg/kg.

The distribution and the infrequency of soil samples exceeding the ESLs for TPH indicate that TPH impacts are very limited in extent.

## 8.5. VOCS IN SOIL VAPOR

VOCs in soil vapor have been investigated in multiple phases, in 1995, 1997, 2020, and 2021. As noted above, VOCs detected in soil vapor samples collected by multiple consultants from 1991 through 2020 are summarized in Table C4 in Appendix B. Plates 4 and 5 summarize the VOCs detected is soil vapor by EEC in October 2020 and Leighton in June 2021, respectively. In general, detected soil vapor concentrations appear to have decreased over time in each investigation. As an example, the maximum detected PCE concentration in the 1995 investigation was 241,000 µg/$m^3$, in 2020 it was 100,000 µg/$m^3$, and in 2021 it was 6,800 µg/$m^3$. This declining trend in maximum soil vapor sample concentrations suggests that whatever historically was the source of the chlorinated VOCs in soil vapor may no longer be an active source, and/or residual concentrations are naturally attenuating.

# 9.0 CONCLUSIONS AND RECOMMENDATIONS

The shallow Site soil has been adequately characterized. Some metals, TPH, and PCBs were detected in excess of their respective ESLs, but generally are limited to the upper 1 to 5 feet, and are limited to the eastern third of the Site. Specific COPC concerns include:

- Lead is the COPC with the largest number of soil samples reported above its ESL. The majority of these soil samples were in the upper 1 to 2 feet of the subsurface, and in the eastern third of the Site. The only sample deeper than 2 feet bgs that exceeded the ESL was a single sample at 3 feet bgs. All soil samples exceeding the lead ESL were bound by deeper samples, typically at 3 to 5 feet bgs, with the exception of samples EFI1 through EFI5, which were not sampled below 2 feet bgs.
- Soluble lead in excess of the threshold for management as a Non-RCRA hazardous waste was detected at concentrations above the STLC in 13 of 25 soil samples when analyzed by the CA WET method. An additional twelve soil samples had total lead concentrations in excess of 1,000 mg/kg, which indicates they likely exceed the Non-RCRA hazardous waste threshold. Five soil samples exceeded the lead threshold for management as a RCRA hazardous waste utilizing the TCLP.
- Arsenic was only reported in eight soil samples in excess of the DTSC-approved default background concentration of 12 mg/kg.
- Total chromium was not detected in any soil sample at concentrations exceeding its ESL. One soil sample, SB-19 at 2 feet bgs, contained total chromium in excess of 2,500 mg/kg, the threshold for management as a Non-RCRA hazardous waste.
- No soil samples was reported with leachable total chromium exceeding the threshold for management as a Non-RCRA hazardous waste.
- Two soil samples, LV-10 and LV-15 at 1 foot bgs each, had hexavalent chromium concentrations exceeding its ESL.
- Antimony was detected in only one soil sample in excess of its ESL.
- PCBs were reported in soil samples in excess of the ESL for samples collected in the upper 1 to 4 feet bgs on the eastern third of the Site. With the exception of B5 at 4 feet bgs, all detections of PCBs above their ESLs were bound by soil samples collected deeper with reported concentrations below their ESLs.
- With the exception of EEC soil sample SB-21 (collected from a depth of 5 feet bgs) which contained PCE at 4,100 ug/kg exceeding its 2,700 ug/kg commercial ESL, there are no soil sampling data to date that would indicate a source area for VOCs

detected in the soil vapor samples. Soil samples from SB-21 collected and analyzed from a depth of 2 feet bgs (<5.0 ug/kg) and 10 feet bgs (0.30 ug/kg J) did not contain PCE at concentrations exceeding the 2,700 ug/kg commercial ESL. Considering that since 2020, a total of 176 soil samples were analyzed for VOCs, the PCE commercial ESL exceedance in soil sample SB-21 at 5 feet bgs should be considered an outlier.

- One soil sample was reported with TPH-GRO concentrations exceeding its ESL. It was also reported with TPH-DRO concentrations in excess of its ESL.
- A total of seven soil samples were reported with concentrations of TPH-DRO in excess of its ESL. These soil samples are located in the upper 1 to 2.5 feet, and are bound by deeper soil samples with concentrations below the ESL, with the exception at SB-21 at 5 feet bgs.
- The distribution and the infrequency of soil samples exceeding the ESLs indicate that TPH impacts are very limited in extent.
- VOCs have been detected in soil vapor samples collected at multiple depths over the entire site during the current and prior soil vapor investigations.
- Maximum concentrations of chlorinated VOCs in soil vapor have generally declined over time based on a comparison of data from sampling events conducted in 1995, 2020, 2021.
- Concentrations of chlorinated VOCs in soil vapor appear to be in relatively steady state with groundwater concentrations based on comparison with the 2020 hydropunch groundwater data collected previously by EEC.

Based on the above conclusions, Leighton recommends the following actions:

- Assist client with execution of voluntary oversight agreement between themselves and the LARWQCB.
- Preparation of a Soil Management and Contingency Plan (SMCP) to detail the handling, stockpiling, sampling and reuse or disposal of soil with concentrations of COPCs in excess of their respective SFRWQCB ESLs or site-specific soil cleanup levels that may be established as part of a Human Health Risk Assessment (HHRA) and integrated into the SCMP with LARWQCB concurrence.
- Design and installation of a sub-slab vapor barrier to protect future workers from potential vapor intrusion by VOCs in the soil vapor which are likely to exist post demolition, and after site grading for the new construction.

- Preparation of a Remedial Action Closure Report detailing the removal actions, sampling and disposal actions conducted during site redevelopment, as well as details of the design of the sub-slab vapor mitigation system, and details on any unknown environmental liabilities detected and remediated.
- Request from the LARWQCB for issuance of a ‘No Further Action” letter once the remedial activities have been completed in concurrence with the approved SCMP.

## 10.0 LIMITATIONS/DISCLOSURE

Services were performed in accordance with Leighton Consulting, Inc.'s agreement and understanding with Rosemead Holding, LLC and solely for their use and their designated representatives. Opinions and/or recommendations are intended for use by Rosemead Holding, LLC and the purpose, site, location, time frame, and project parameters indicated. Leighton Consulting, Inc. is not responsible for subsequent separation, detachment, or partial use of this document. Any reliance on this report by a third party shall be at such party's sole risk.

## REFERENCES

California Code of Regulations, Title 22, Division 1, Chapter 15, Article 5.5, §64444, Maximum Contaminant Levels – Organic Chemicals.

California Code of Regulations, Title 22, Article 11

California Environmental Protection Agency Department of Toxic Substances Control (DTSC), Los Angeles Regional Water Quality Control Board, and San Francisco Regional Water Quality Control Board, Advisory: Active Soil Gas Investigations. April.

CAL/EPA, Los Angeles Regional Water Quality Control Board, 1998, SAN GABRIEL VALLEY CLEANUP PROGRAM, NO FURTHER REQUIREMENTS, FORMER PACIFIC COAST DRUM CO., 2200 ROSEMEAD BLVD., SOUTH EL MONTE, CA (FILE NO. 107.0266), March 17.

EEC Environmental, 2020, Technical Memorandum, Results of Phase II Subsurface Investigation in August and September 2020, October 19.

Dibblee, Thomas Jr., 1999. Geologic Map of the El Monte and Baldwin Park Quadrangles, Los Angeles, California.

EFI Global. 2020. Additional Site Characterization Report. December 9.

United States Environmental Protection Agency, Office of Solid Waste and Emergency Response, 2015, OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air, June.

# TABLES

**Table 1.** Shallow Soil Boring and Soil Vapor Probe Summary
Rosemead Holding LLC
2200 N Rosemead Boulevard
South El Monte, CA

| Boring ID | Boring Type | Probe Shallow (ft bgs) | Probe Medium (ft bgs) | Probe Deep (ft bgs) | Longitude | Latitude | Approx. Surface Elevation (ft AMSL) |
|---|---|---|---|---|---|---|---|
| LV-1 | SVP | N/A | 20 | 35 | -118.0638939 | 34.05423885 | 234.43 |
| LV-2 | SVP | N/A | 20 | 35 | -118.0635461 | 34.05418618 | 234.70 |
| LV-3 | SVP | 10 | 15 | 35 | -118.0632264 | 34.05406381 | 235.39 |
| LV-4 | SVP | 5 | 14 | 35 | -118.0625571 | 34.05422955 | 235.96 |
| LV-5 | SVP | N/A | 20 | 34 | -118.0639313 | 34.05389807 | 234.75 |
| LV-6 | SVP | N/A | 20 | 35 | -118.0635555 | 34.05391046 | 235.09 |
| LV-7 | SVP | 7 | 15 | 35 | -118.0629142 | 34.05384385 | 236.40 |
| LV-8 | SVP | 5 | 15 | 35 | -118.0625492 | 34.05387081 | 236.42 |
| LV-9 | SVP | 6 | 15 | 35 | -118.0628996 | 34.05360506 | 236.18 |
| LV-10 | SVP | 6 | 15 | 35 | -118.0625473 | 34.05361899 | 236.50 |
| LV-11 | SOIL | N/A | N/A | N/A | -118.062486 | 34.05449598 | 236.21 |
| LV-12 | SOIL | N/A | N/A | N/A | -118.0622523 | 34.05436277 | 236.94 |
| LV-13 | SOIL | N/A | N/A | N/A | -118.06264 | 34.05429306 | 235.66 |
| LV-14A | SOIL | N/A | N/A | N/A | -118.0628032 | 34.05406947 | 235.81 |
| LV-14B | SOIL | N/A | N/A | N/A | -118.0628025 | 34.0540576 | 235.81 |
| LV-15 | SOIL | N/A | N/A | N/A | -118.0622224 | 34.05405606 | 236.53 |
| LV-16 | SOIL | N/A | N/A | N/A | -118.0622108 | 34.05376662 | 235.08 |
| LV-17 | SOIL | N/A | N/A | N/A | -118.062443 | 34.05368291 | 236.66 |
| LV-18 | SOIL | N/A | N/A | N/A | -118.06275 | 34.05335735 | 236.20 |
| LV-19 | SOIL | N/A | N/A | N/A | -118.0622635 | 34.05347519 | 236.56 |
| LV-20 | SOIL | N/A | N/A | N/A | -118.0624286 | 34.05347517 | 236.56 |

Notes:
SVP - Dual- and Multi-Nested Soil Vapor Probes
SOIL - Shallow Soil Boring
N/A - No soil vapor probes installed
ft bgs - feet below ground surface
AMSL - above mean sea level
* Surface elevation extracted from Digital Elevation Model (DEM) in meters, unit conversion to feet

**TABLE 2.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - METALS
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | STLC Chromium (mg/L) | TCLP Chromium (mg/L) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | STLC Copper (mg/L) | Total Lead (mg/Kg) | STLC Lead (mg/L) | TCLP Lead (mg/L) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | | | | | | USEPA 7471A |
| *SFBRWQCB Commercial Screening Level (a)* | | | | *160* | *12 (b)* | *220,000* | *6,900* | *4,000* | *1,800,000* | | | *6,200* | *1,900* | *47,000* | | *380* | | | *5,800* | *64,000* | *5,800* | *5,800* | *12* | *5,800* | *350,000* | *190* |
| *STLC (mg/L)* | | | | | | | | | | *5* | | | | | *25* | | *5* | | | | | | | | | |
| *TCLP (mg/L)* | | | | | | | | | | | *5* | | | | | | | *5* | | | | | | | | |
| *TTLC (mg/kg)* | | | | *500* | *500* | *10,000* | *75* | *100* | *2,500* | | | | *8,000* | *2,500* | | *1000* | | | *3,500* | *2,000* | *100* | *500* | *700* | *2,400* | *5,000* | *20* |
| LV-1-1 | 1 | 06/23/2021 | LCI | <2.91 | <2.43 | 27.8 | <0.243 | <0.485 | 1.84 | -- | -- | -- | <0.971 | 3.4 | -- | <4.85 | -- | -- | <0.485 | 0.491 | <4.85 | <0.971 | <4.85 | 11.1 | <9.71 | 0.19 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <2.97 | 2.71 | 47.8 | <0.248 | <0.495 | 4.06 | -- | -- | -- | 1.8 | 3.18 | -- | <4.95 | -- | -- | <0.495 | 11.5 | <4.95 | <0.990 | <4.95 | 4.21 | <9.90 | <0.0833 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <2.99 | 3.54 | 187 | 0.436 | <0.498 | 10.7 | -- | -- | -- | 5.39 | 14.5 | -- | 12.1 | -- | -- | <0.498 | 24.4 | <4.98 | <0.995 | <4.98 | 16.3 | 19.3 | 0.241 |
| LV-1-15 | 15 | 06/23/2021 | LCI | <3.00 | 4.09 | 252 | 0.606 | <0.500 | 16.1 | -- | -- | -- | 7.74 | 17.7 | -- | 5.23 | -- | -- | <0.500 | 32.4 | <5.00 | <1.00 | <5.00 | 23.4 | 23 | <0.0847 |
| LV-1-20 | 20 | 06/23/2021 | LCI | <2.91 | 2.55 | 41.2 | <0.243 | <0.485 | 2.68 | -- | -- | -- | 1.48 | 3.82 | -- | <4.85 | -- | -- | <0.485 | 6.3 | <4.85 | <0.971 | <4.85 | 4.22 | <9.71 | 0.112 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <2.88 | <2.40 | 51.7 | 0.345 | <0.481 | 8.22 | -- | -- | -- | 4.73 | 7.92 | -- | <4.81 | -- | -- | <0.481 | 7.4 | <4.81 | <0.962 | <4.81 | 17.6 | 22.4 | <0.0820 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <3.16 | 4.84 | 25.4 | <0.263 | <0.526 | 5.58 | -- | -- | -- | 2.66 | 2.47 | -- | <5.26 | -- | -- | <0.526 | 3.88 | <5.26 | <1.05 | <5.26 | 8.13 | 12 | <0.0833 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <2.96 | <2.46 | 52.1 | 0.254 | <0.493 | 7.09 | -- | -- | -- | 8.55 | 5.45 | -- | <4.93 | -- | -- | <0.493 | 6.15 | <4.93 | <0.985 | <4.93 | 13.3 | 18.9 | <0.0877 |
| LV-2-15 | 15 | 06/22/2021 | LCI | <3.09 | <2.58 | 36.9 | <0.258 | <0.515 | 5.41 | -- | -- | -- | 4.38 | 5.13 | -- | <5.15 | -- | -- | <0.515 | 4.61 | <5.15 | <1.03 | <5.15 | 10.8 | 14.6 | <0.0847 |
| LV-2-20 | 20 | 06/22/2021 | LCI | <2.93 | <2.44 | 85.1 | <0.244 | <0.488 | 2.32 | -- | -- | -- | 2.82 | 2.18 | -- | <4.88 | -- | -- | <0.488 | 1.57 | <4.88 | <0.976 | <4.88 | 12.4 | 14.4 | <0.0794 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <3.02 | <2.51 | 110 | 0.56 | <0.503 | 89.6 | <0.500 | -- | <400 | 22 | 33.9 | -- | <5.03 | -- | -- | <0.503 | 106 | <5.03 | <1.01 | <5.03 | 41.8 | 43.9 | 0.431 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <2.96 | <2.46 | 88.4 | 0.493 | <0.493 | 67.5 | <0.500 | -- | <400 | 14.8 | 22.9 | -- | <4.93 | -- | -- | <0.493 | 69 | <4.93 | <0.985 | <4.93 | 43 | 30.7 | <0.0862 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <3.08 | <2.56 | 71.1 | 0.479 | <0.513 | 80.7 | <0.500 | -- | <400 | 17.8 | 28.3 | -- | <5.13 | -- | -- | <0.513 | 82 | <5.13 | <1.03 | <5.13 | 44.2 | 32.4 | <0.0794 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <3.13 | <2.60 | 76.8 | <2.60 | <0.521 | 6.51 | -- | -- | -- | 3.32 | 6.90 | -- | <0.521 | -- | -- | <0.521 | 5.84 | <5.21 | <1.04 | <5.21 | 12.3 | 16.1 | <0.0847 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <3.00 | 3.94 | 225 | <0.250 | <0.500 | 9.51 | -- | -- | -- | 3.45 | 7.69 | -- | <5.00 | -- | -- | <0.500 | 6.87 | <5.00 | <1.00 | <5.00 | 17.4 | 20.9 | 0.192 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <2.99 | 6.73 | 182 | 0.408 | <0.498 | 12.4 | -- | -- | -- | 7.78 | 18.4 | -- | <4.98 | -- | -- | <0.498 | 12.4 | <4.98 | <0.995 | <4.98 | 27.2 | 38.8 | <0.0820 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <2.94 | 3.4 | 109 | 0.29 | <0.490 | 7.1 | -- | -- | -- | 3.62 | 7.97 | -- | 7.28 | -- | -- | <0.490 | 15.3 | <4.90 | <0.980 | <4.90 | 9.24 | 13.2 | <0.0806 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <2.99 | <2.49 | 84.4 | <0.249 | <0.498 | 6.35 | -- | -- | -- | 2.9 | 7.41 | -- | 6.94 | -- | -- | <0.498 | 14.7 | <4.98 | <0.995 | <4.98 | 8.63 | 12.7 | <0.0820 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <2.96 | 3.51 | 93.7 | 0.25 | <0.493 | 6.69 | -- | -- | -- | 3.13 | 8.33 | -- | 17.5 | -- | -- | <0.493 | 14.3 | <4.93 | <0.985 | <4.93 | 8.68 | 13.3 | 0.085 |
| LV-5-15 | 15 | 06/23/2021 | LCI | <3.00 | 2.8 | 166 | 0.365 | <0.500 | 7.52 | -- | -- | -- | 4.13 | 9.91 | -- | 7.63 | -- | -- | <0.500 | 18.6 | <5.00 | <1.00 | <5.00 | 9.9 | 12.7 | 0.114 |
| LV-5-20 | 20 | 06/23/2021 | LCI | <3.09 | 4.18 | 106 | 0.269 | <0.515 | 6.27 | -- | -- | -- | 3.32 | 9.47 | -- | 13.6 | -- | -- | <0.515 | 13.8 | <5.15 | <1.03 | <5.15 | 9.83 | 13.3 | 0.0855 |
| LV-6-1 | 1 | 06/22/2021 | LCI | <2.88 | 2.4 | 15.2 | <0.240 | <0.481 | 2.47 | -- | -- | -- | 0.991 | 1.13 | -- | <4.81 | -- | -- | <0.481 | 1.54 | <4.81 | <0.481 | <4.81 | 3.35 | <9.62 | 0.116 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <2.91 | <2.43 | 13.7 | <0.243 | <0.485 | 1.95 | -- | -- | -- | <0.971 | <0.971 | -- | <4.85 | -- | -- | <0.485 | 1.05 | <4.85 | <0.971 | <4.85 | 2.42 | <9.71 | <0.0820 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <2.99 | 3.6 | 11.7 | <0.249 | <0.498 | 3.04 | -- | -- | -- | 1.17 | 1.22 | -- | <4.98 | -- | -- | <0.498 | 1.97 | <4.98 | <0.995 | <4.98 | 4.08 | <9.95 | 0.165 |
| LV-6-15 | 15 | 06/22/2021 | LCI | <3.00 | <2.50 | 86.8 | 0.451 | <0.500 | 12.3 | -- | -- | -- | 6.37 | 9.25 | -- | <5.00 | -- | -- | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 22.5 | 31.4 | <0.0877 |
| LV-6-20 | 20 | 06/22/2021 | LCI | <3.09 | <2.58 | 61.1 | 0.318 | <0.515 | 10.3 | -- | -- | -- | 5.08 | 6.26 | -- | <5.15 | -- | -- | <0.515 | 7.26 | <5.15 | <1.03 | <5.15 | 18.5 | 23.9 | 0.123 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <3.09 | <2.58 | 56.5 | 0.343 | <0.515 | 51.3 | <0.500 | -- | 700 | 11.3 | 21.9 | -- | <5.15 | -- | -- | <0.515 | 48.2 | <5.15 | <1.03 | <5.15 | 31 | 19.6 | <0.0833 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <3.06 | 40.2 | 157 | 0.43 | 1.97 | 18.5 | -- | -- | -- | 16.5 | 1250 | <0.500 | 109 | <0.500 | <0.500 | <0.510 | 12.5 | <5.10 | <1.02 | <5.10 | 30.8 | 1770 | <0.0806 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <3.03 | <2.53 | 102 | 0.717 | <0.505 | 109 | <0.500 | <0.500 | 480 | 21.9 | 34.6 | -- | <5.05 | -- | -- | <0.505 | 97.8 | <5.05 | <1.01 | <5.05 | 68.6 | 38.2 | <0.0862 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2.93 | <2.44 | 36.1 | <0.244 | <0.488 | 3.72 | -- | -- | -- | 3.82 | 5.54 | -- | <4.88 | -- | -- | <0.488 | 6.85 | <4.88 | <0.976 | <4.88 | 6.97 | 13.9 | 0.143 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2.88 | <2.40 | 30.1 | 0.288 | <0.481 | 7.29 | -- | -- | -- | 5.11 | 7.96 | -- | <4.81 | -- | -- | <0.481 | 9.44 | <4.81 | <0.962 | <4.81 | 14.1 | 34.2 | <0.0794 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2.90 | <2.42 | 46.6 | <0.242 | <0.483 | 5.30 | -- | -- | -- | 3.03 | 7.82 | -- | <4.83 | -- | -- | <0.483 | 5.09 | <4.83 | <0.966 | <4.83 | 10.9 | 16.9 | 0.0996 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2.97 | <2.48 | 34.2 | <0.248 | <0.495 | 2.31 | -- | -- | -- | 2.30 | 3.42 | -- | <4.95 | -- | -- | <0.495 | 3.36 | <4.95 | <0.990 | <4.95 | 4.39 | <9.90 | <0.0820 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <2.93 | <2.44 | 144 | 0.573 | <0.488 | 27.6 | -- | -- | -- | 8.40 | 14.2 | -- | 8.62 | -- | -- | <0.488 | 49.5 | <4.88 | <0.976 | <4.88 | 23.1 | 47.2 | <0.0877 |
| LV-9-5 | 5.0 | 06/22/2021 | LCI | <3.00 | 30.0 | 121 | 0.348 | 1.58 | 13.9 | -- | -- | -- | 11.9 | 986 | <0.500 | 93.1 | <0.500 | -- | <0.500 | 9.86 | <5.00 | <1.00 | <5.00 | 24.1 | 1210 | <0.0862 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <3.16 | <2.63 | 87.2 | 0.445 | <0.526 | 66.4 | <0.500 | -- | 3600 | 14.6 | 27.4 | -- | <5.26 | -- | -- | <0.526 | 67.3 | <5.26 | <1.05 | <5.26 | 35.6 | 32.8 | <0.0820 |
| LV-10-1 | 1 | 06/21/2021 | LCI | 12.5 | 3.36 | 434 | <0.258 | 3.22 | 207 | <0.500 | -- | 73000 | 11.20 | 73.2 | -- | 2680.0 | -- | <0.500 | 22.7 | 14.3 | <5.15 | 1.74 | <5.15 | 16 | 293 | 1.22 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.56 | 104 | 0.415 | <0.513 | 14.4 | -- | -- | -- | 8.04 | 18 | -- | <5.13 | -- | -- | <0.513 | 11.6 | <5.13 | <1.03 | <5.13 | 25.8 | 36 | <0.0877 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.5 | 152 | 0.616 | 1.23 | 21.3 | -- | -- | -- | 12.00 | 28.5 | -- | <5.00 | -- | -- | <0.500 | 20.1 | <5.00 | <1.00 | <5.00 | 38.7 | 82.6 | 0.105 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <3.08 | <2.56 | 46.8 | <0.256 | <0.513 | 5.73 | -- | -- | -- | 3.79 | 9.86 | -- | 11.9 | -- | -- | 1.04 | 3.7 | <5.13 | <1.03 | <5.13 | 9.62 | 33.0 | <0.0862 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 131 | 0.565 | <0.485 | 19.1 | -- | -- | -- | 9.52 | 33.9 | -- | <4.85 | -- | -- | <0.485 | 14.5 | <4.85 | <0.971 | <4.85 | 32.6 | 46.4 | <0.0820 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <2.87 | <2.39 | 128 | 0.358 | <0.478 | 14.8 | -- | -- | -- | 7.22 | 18.7 | -- | <4.78 | -- | -- | <0.478 | 10.7 | <4.78 | <0.957 | <4.78 | 26.2 | 33.3 | <0.0877 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <2.85 | <2.36 | 141 | 0.641 | 0.479 | 20.9 | -- | -- | -- | 11.7 | 33 | -- | 47.2 | -- | -- | <0.476 | 17.3 | <4.76 | <0.952 | <4.76 | 41.6 | 47.3 | <0.0877 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.50 | 122 | 0.448 | <0.500 | 15.7 | -- | -- | -- | 9.46 | 21.2 | -- | <5.00 | -- | -- | <0.500 | 13.6 | <5.00 | <1.00 | <5.00 | 31.1 | 42.8 | <0.0877 |
| LV-12-1 | 1 | 06/21/2021 | LCI | <3.00 | 5.01 | 95.2 | <0.250 | 1.35 | 12.1 | -- | -- | -- | 10.3 | 21.8 | -- | 166 | <0.500 | <0.500 | 1.06 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0847 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <3.06 | <2.55 | 107 | 0.497 | <0.510 | 18.7 | -- | -- | -- | 8.30 | 24.6 | -- | <5.10 | -- | -- | <0.510 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0833 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <3.13 | <2.51 | 145 | 0.27 | <0.521 | 10.7 | -- | -- | -- | 5.93 | 13.4 | -- | <5.21 | -- | -- | <0.521 | 8.08 | <5.21 | <1.04 | <5.21 | 21.6 | 25.9 | 0.197 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | <2.51 | 145 | 0.533 | <0.503 | 19.3 | -- | -- | -- | 11.40 | 25.3 | -- | <5.03 | -- | -- | <0.503 | 15.9 | <5.03 | <1.01 | <5.03 | 39.6 | 47.8 | <0.0820 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <3.16 | <2.63 | 166 | 0.538 | <0.526 | 18.8 | -- | -- | -- | 11.20 | 25.4 | -- | <5.26 | -- | -- | <0.526 | 16 | <5.26 | <1.05 | <5.26 | 38.7 | 50.1 | 0.0934 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <3.11 | <2.59 | 17.3 | <0.259 | <0.518 | 4.46 | -- | -- | -- | 2.06 | 3.87 | -- | <5.18 | -- | -- | <0.518 | 3.88 | <5.18 | <1.04 | <5.18 | 7.21 | 13.9 | <0.0833 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 82.0 | 0.287 | <0.526 | 8.26 | -- | -- | -- | 4.93 | 11.5 | -- | 8.08 | -- | -- | <0.526 | 9.02 | <5.26 | <1.05 | <5.26 | 15.0 | 27.4 | <0.0847 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <3.02 | <2.51 | 82.8 | 0.320 | <0.503 | 9.41 | -- | -- | -- | 5.37 | 13.8 | -- | 12.7 | -- | -- | <0.503 | 9.84 | <5.03 | <1.01 | <5.03 | 15.7 | 32.4 | 0.134 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <2.93 | <2.44 | 32.6 | <0.244 | <0.488 | 2.54 | -- | -- | -- | 1.52 | 3.56 | -- | <4.88 | -- | -- | <0.488 | 2.49 | <4.88 | <0.976 | <4.88 | 5.03 | 12.1 | 0.201 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <2.99 | 4.61 | 149 | 0.553 | 0.798 | 12.8 | -- | -- | -- | 5.58 | 23.6 | -- | 28.4 | -- | -- | <0.498 | 11.4 | <4.98 | <0.995 | <4.98 | 20.0 | 53.9 | <0.0820 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <3.00 | <2.50 | 200 | <0.250 | <0.500 | 5.42 | -- | -- | -- | 20.4 | 8.46 | -- | <5.00 | -- | -- | <0.500 | 14.1 | <5.00 | <1.00 | <5.00 | 8.77 | 17.5 | 0.195 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <3.09 | <2.58 | 19.5 | <0.258 | <0.515 | 4.20 | -- | -- | -- | 2.62 | 2.97 | -- | <5.15 | -- | -- | <0.515 | 4.33 | <5.15 | <1.03 | <5.15 | 7.75 | 13.2 | 0.0833 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <3.13 | 2.86 | 141 | 0.370 | <0.521 | 11.8 | -- | -- | -- | 6.31 | 19.3 | -- | 18.0 | -- | -- | <0.521 | 10.6 | <5.21 | <1.04 | <5.21 | 21.7 | 43.9 | <0.0877 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 44.8 | <0.263 | <0.526 | 5.19 | -- | -- | -- | 3.48 | 6.20 | -- | <5.26 | -- | -- | <0.526 | 5.27 | <5.26 | <1.05 | <5.26 | 8.38 | 17.1 | 0.120 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <3.02 | <2.51 | 38.2 | <0.251 | <0.503 | 4.87 | -- | -- | -- | 3.49 | 6.96 | -- | <5.03 | -- | -- | <0.503 | 5.01 | <5.03 | <1.01 | <5.03 | 8.77 | 15.6 | <0.0820 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <3.09 | <2.58 | 35.4 | <0.258 | <0.515 | 3.26 | -- | -- | -- | 2.36 | 7.57 | -- | 6.5 | -- | -- | <0.515 | 3.81 | <5.15 | <1.03 | <5.15 | 5.96 | 15.8 | <0.0806 |
| LV-15-1 | 1 | 06/21/2021 | LCI | 13.6 | <2.59 | 135 | 0.384 | 1.08 | 78.3 | <0.500 | -- | 22000 | 8.63 | 54.6 | -- | 1640 | -- | <0.500 | 15.7 | 12.2 | <5.18 | <1.04 | <5.18 | 21.3 | 86.7 | 0.4 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <3.08 | <2.56 | 57.1 | 0.265 | 1.42 | 10.7 | -- | -- | -- | 6.64 | 51.7 | -- | 10 | -- | -- | <0.513 | 7.92 | <5.13 | <1.03 | <5.13 | 17.2 | 56.2 | <0.0847 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <3.02 | 13.5 | 97.6 | 0.426 | <0.503 | 16 | -- | -- | -- | 10.6 | 24.5 | -- | <5.03 | -- | -- | <0.503 | 16.4 | <5.03 | <1.01 | <5.03 | 34.1 | 43.7 | <0.0794 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | 20.5 | 203 | 0.543 | <0.503 | 19.7 | -- | -- | -- | 12.0 | 27.6 | -- | <5.03 | -- | -- | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 42.9 | 51.0 | <0.0820 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <2.97 | <2.48 | 116 | 0.386 | <0.495 | 13.8 | -- | -- | -- | 8.93 | 20.6 | -- | <4.95 | -- | -- | <0.495 | 12.3 | <4.95 | <0.99 | <4.95 | 29.4 | 37.7 | <0.0806 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <2.91 | <2.43 | 67.2 | <0.243 | <0.485 | 5.27 | -- | -- | -- | 10.90 | 11.3 | -- | <4.85 | -- | -- | <0.485 | 4.26 | <4.85 | <0.971 | <4.85 | 11.5 | 19.6 | <0.0820 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | 7.67 | 136 | 0.515 | <0.485 | 17.6 | -- | -- | -- | 8.94 | 27.7 | -- | <4.85 | -- | -- | <0.485 | 13.4 | <4.85 | <0.971 | <4.85 | 30.6 | 41.2 | <0.0833 |
| LV-16-5 | 5.0 | 06/21/2021 | LCI | <2.93 | 6.92 | 141 | 0.389 | <0.488 | 14.1 | -- | -- | -- | 7.75 | 18.6 | -- | <4.88 | -- | -- | <0.488 | 11.4 | <4.88 | <0.976 | <4.88 | 24.9 | 31.8 | <0.0833 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.40 | 55.8 | <0.24 | <0.481 | 7.38 | -- | -- | -- | 4.55 | 9.23 | -- | <4.81 | -- | -- | <0.481 | 6.07 | <4.81 | <0.962 | <4.81 | 15.5 | 20.3 | <0.0847 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <2.91 | <2.43 | 97.2 | 0.345 | <0.485 | 12.1 | -- | -- | -- | 7.57 | 15.1 | -- | <4.85 | -- | -- | <0.485 | 10.1 | <4.85 | <0.971 | <4.85 | 25.5 | 31.2 | <0.0862 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <3.06 | <2.55 | 80.2 | 0.274 | <0.510 | 10.5 | -- | -- | -- | 5.49 | 12.7 | -- | 10.8 | -- | -- | 0.543 | 7.95 | <5.10 | <1.02 | <5.10 | 18.2 | 28.4 | <0.0862 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <2.96 | <2.46 | 83.2 | 0.337 | 0.576 | 10.3 | -- | -- | -- | 6.71 | 19.8 | -- | 9.7 | -- | -- | <0.493 | 7.62 | <4.93 | <0.985 | <4.93 | 22.7 | 49.8 | <0.0794 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.5 | 83.1 | 0.379 | <0.5 | 13.1 | -- | -- | -- | 7.23 | 15.2 | -- | <5.00 | -- | -- | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 23.7 | 30.9 | <0.0862 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 84.4 | <0.243 | <0.485 | 8.4 | -- | -- | -- | 4.55 | 10.9 | -- | <4.85 | -- | -- | <0.485 | 6.28 | <4.85 | <0.971 | <4.85 | 16.1 | 23.2 | <0.0847 |
| LV-17-10 | 10.0 | 06/21/2021 | LCI | <2.93 | <2.44 | 95.8 | 0.503 | <0.488 | 17.8 | -- | -- | -- | 10.7 | 23.8 | -- | <4.88 | -- | -- | <0.488 | 15.1 | <4.88 | <0.976 | <4.88 | 33.9 | 42.4 | <0.0877 |
| LV-18-1 | 1.0 | 06/21/2021 | LCI | <3.11 | <2.59 | 112 | 0.417 | 0.961 | 18.5 | -- | -- | -- | 8.98 | 28.3 | -- | 226.0 | <0.500 | <0.500 | <0.518 | 14.4 | <5.18 | <1.04 | <5.18 | 27.4 | 135 | <0.0820 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <3.00 | <2.5 | 35.4 | <0.25 | <0.500 | 5.06 | -- | -- | -- | 2.74 | 6.88 | -- | <5.0 | -- | -- | <0.5 | 4.2 | <5.00 | <1.00 | <5.00 | 8.09 | 17.4 | <0.0820 |
| LV-18-5 | 5.0 | 06/21/2021 | LCI | <2.96 | <2.46 | 161 | 0.494 | <0.493 | 18 | -- | -- | -- | 9 | 22.9 | -- | <4.93 | -- | -- | <0.493 | 14 | <4.93 | <0.985 | <4.93 | 27.9 | 46.5 | <0.0833 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 156 | 0.584 | <0.526 | 21.6 | -- | -- | -- | 12.3 | 26.7 | -- | <5.26 | -- | -- | <0.526 | 17.5 | <5.26 | <1.05 | <5.26 | 42.3 | 56.5 | <0.0862 |
| LV-18-10 | 10.0 | 06/21/2021 | LCI | <3.02 | <2.51 | 123 | 0.66 | <0.503 | 22.7 | -- | -- | -- | 11.7 | 37.7 | -- | <5.03 | -- | -- | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 41.9 | 50.8 | <0.0862 |
| LV-19-1 | 1.0 | 06/21/2021 | LCI | 2.98 | <2.43 | 99.6 | <0.243 | 1.36 | 23.0 | -- | -- | -- | 5.17 | 27.6 | -- | 631.0 | <0.500 | <0.500 | 1.5 | 8.61 | <4.85 | <0.971 | <4.85 | 13.2 | 133 | <0.0847 |

**TABLE 2.** JUNE 2021 and HISTORICAL SOIL ANALYTICAL TEST RESULTS - METALS
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | STLC Chromium (mg/L) | TCLP Chromium (mg/L) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | STLC Copper (mg/L) | Total Lead (mg/Kg) | STLC Lead (mg/L) | TCLP Lead (mg/L) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | | | | | | USEPA 7471A |
| *SFBRWQCB Commercial Screening Level (a)* | | | | *160* | *12 (b)* | *220,000* | *6,900* | *4,000* | *1,800,000* | | | *6,200* | *1,900* | *47,000* | | *380* | | | *5,800* | *64,000* | *5,800* | *5,800* | *12* | *5,800* | *350,000* | *190* |
| *STLC (mg/L)* | | | | | | | | | | *5* | | | | | *25* | | *5* | | | | | | | | | |
| *TCLP (mg/L)* | | | | | | | | | | | *5* | | | | | | | *5* | | | | | | | | |
| *TTLC (mg/kg)* | | | | *500* | *500* | *10,000* | *75* | *100* | *2,500* | | | | *8,000* | *2,500* | | *1000* | | | *3,500* | *2,000* | *100* | *500* | *700* | *2,400* | *5,000* | *20* |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <2.93 | 5.08 | 113 | 0.359 | <0.488 | 13.0 | -- | -- | -- | 7.27 | 25.1 | -- | 41.7 | -- | -- | <0.488 | 10.4 | <4.88 | <0.976 | <4.88 | 24.3 | 59.2 | <0.0847 |
| LV-19-5 | 5.0 | 06/21/2021 | LCI | <3.0 | <2.5 | 121 | 0.38 | <0.5 | 13.8 | -- | -- | -- | 7.39 | 16.5 | -- | <5.00 | -- | -- | <0.500 | 10.7 | <5.00 | <1.00 | <5.00 | 22.5 | 34.5 | <0.0833 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.4 | 92.1 | 0.281 | <.481 | 10.4 | -- | -- | -- | 5.89 | 12.4 | -- | <4.81 | -- | -- | <0.481 | 8.22 | <4.81 | <0.962 | <4.81 | 21 | 27.6 | <0.0847 |
| LV-19-10 | 10.0 | 06/21/2021 | LCI | <3.13 | <2.6 | 196 | 0.796 | 0.95 | 67.6 | <0.500 | -- | 2200 | 12.1 | 83.1 | -- | <5.21 | -- | -- | <0.521 | 20.6 | <5.21 | <1.04 | <5.21 | 75.3 | 72.9 | 0.941 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 71.6 | <0.263 | 0.566 | 22.2 | -- | -- | -- | 4.33 | 24.9 | -- | 125 | <0.500 | <0.500 | 2.15 | 8.49 | <5.26 | <1.05 | <5.26 | 10.6 | 153 | <0.0806 |

-- = not analyzed
(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1
(b) = Department of Toxic Substances Control (DTSC) Screening Level for Industrial Soils; June 2020
J = Estimated value; concentration above the method detection limit but below the reporting limit
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
< 2.6 = not detected above the method detection limit or reporting limit

LCI = Leighton Consulting, Inc.
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure
RED = Exceeds Commercial Screening Level for Soil
= Manage as Non-RCRA Hazardous Waste

**TABLE 3.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - POLYCHLORINATED BIPHENYLS in µg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* |
| LV-1-1 | 1 | 06/23/2021 | LCI | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-1-15 | 15 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-1-20 | 20 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-2-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-15 | 15 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-20 | 20 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-3-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-4-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | 69 | 210 | 89 | <50 | <50 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-5-1 | 1 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-15 | 15 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-20 | 20 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-6-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-15 | 15 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-20 | 20 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-7-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | 73 | <50 | <50 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 13,000 | 15,000 | 4,000 | <2500 | <2500 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 1,300 | 1,600 | <2500 | <2500 | <2500 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| | | | | | | | | | | | | |
| LV-9-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | 250 | 720 | <50 | <50 | <50 |
| LV-9-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-10-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 1,400 | 370 | <50 | <50 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-11-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-12-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-13-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-15-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 340 | 110 | <50 | <50 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-16-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

**TABLE 3.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - POLYCHLORINATED BIPHENYLS in µg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* |
| LV-17-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | 580 | 260 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-18-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-18-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-19-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 110 | 100 | <50 | <50 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-5 | 5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

Key:
-- = not analyzed
(a) = San Francisco Bay Regiol Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
J = Estimated value; concentration above the method detection limit but below the reporting limit
ug/kg = micrograms per kilogram
<50 = not detected above the method detection limit or reporting limit "X"
LCI = Leighton Consulting, Inc.
**RED** = at or exceeds Commercial ESL

**Table 4.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/kg and TOTAL PETROLEUM HYDROCARBONS (TPH) in mg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| | | | | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample ID** | **Sample Depth** | **Sample Date** | **Consultant** | **PCE** | **TCE** | **Cis-1,2-DCE** | **Trans-1,2-DCE** | **1,1-DCE** | **Vinyl Chloride** | **Benzene** | **Toluene** | **Ethylbenzene** | **Total Xylenes** | **1,2,4-TMB** | **1,3,5-TMB** | **1,3-DCA** | **Acetone** | **Bromomethane** | **2-Butanone** | **Isopropylbenzene** | **4-Methyl-2-Pentanone** | **MTBE** | **Naphthalene** | **Other VOCs** | **C6-C12/C4-C12** | **C13-C22** | **C23-C44/C23-C40** |
| ***SFBRWQCB Commercial Screening Levels*** [a] | | | | ***2,700*** | ***6,100*** | ***85,000*** | ***600,000*** | ***350,000*** | ***150*** | ***1,400*** | ***5,300,000*** | ***26,000*** | ***2,500,000*** | ***11,000*** | ***1,510,000*** | ***16,000*** | ***670,000,000*** | ***30,000*** | ***200,000,000*** | ***9,900,000*** | ***140,000,000*** | ***210,000*** | ***17,000*** | --- | ***2,000*** | ***1,200*** | ***180,000*** |
| LV-1-1 | 1 | 6/23/2021 | LCI | <0.80 | <1.6 | <0.8 | <0.8 | <0.8 | <0.8 | 1.6 | 0.9 | <0.8 | <1.6 | <1.6 | <1.6 | <0.8 | 18 | <16 | <16 | <0.80 | <16 | <1.6 | <8.0 | ND | <0.097 | <4.9 | 5.7 |
| LV-1-5 | 5 | 6/23/2021 | LCI | <0.78 | <1.6 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <1.6 | <0.78 | <16 | <16 | <16 | <0.78 | <16 | <1.6 | <7.8 | ND | <0.091 | <5.0 | 6.1 |
| LV-1-10 | 10 | 6/23/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | <20 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.099 | <5.0 | <5.0 |
| LV-1-15 | 15 | 6/23/2021 | LCI | <0.51 | <1.0 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <1.0 | <1.0 | <1.0 | <0.51 | <10 | <10 | <10 | <0.51 | <10 | <1.0 | <5.1 | ND | <0.010 | <5.0 | <5.0 |
| LV-1-20 | 20 | 6/23/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.010 | 5.6 | 7.9 |
| LV-2-1 | 1 | 6/22/2021 | LCI | <0.83 | <1.7 | <0.83 | <0.83 | <0.83 | <0.83 | 1.7 | 1.5 | <0.83 | <1.7 | <1.7 | <1.7 | <0.83 | 22 | <17 | <17 | <0.83 | <17 | <1.7 | <8.3 | ND | <0.085 | 9.4 | 33 |
| LV-2-5 | 5 | 6/22/2021 | LCI | <0.91 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | 1.9 | 1.4 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | 37 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | <0.079 | <5.0 | <5.0 |
| LV-2-10 | 10 | 6/22/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.12 | <5.0 | 8.0 |
| LV-2-15 | 15 | 6/22/2021 | LCI | <0.95 | <1.9 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <1.9 | <1.9 | <1.9 | <0.95 | <19 | <19 | <19 | <0.95 | <19 | <1.9 | <9.5 | ND | <0.092 | <5.0 | 8.1 |
| LV-2-20 | 20 | 6/22/2021 | LCI | <0.89 | <1.8 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <1.8 | <0.89 | <18 | <18 | <18 | <0.89 | <18 | <1.8 | <8.9 | ND | <0.10 | 5.6 | 7.9 |
| LV-3-1 | 1 | 6/22/2021 | LCI | 5.4 | 15 | 2.5 | <0.63 | <0.63 | <0.63 | 1.4 | 1.2 | <0.63 | <1.3 | <1.3 | <1.3 | 0.9 | 37 | <13 | <13 | <0.63 | <13 | <1.3 | <6.3 | ND | <0.063 | <50 | 360 |
| LV-3-5 | 5 | 6/22/2021 | LCI | 1.8 | 3.7 | <0.83 | <0.83 | <0.83 | <0.83 | 4 | 2.8 | <0.83 | <1.7 | <1.7 | <1.7 | 1.0 | 21 | <17 | <17 | <0.83 | <17 | <1.7 | <8.3 | ND | <0.075 | <4.9 | 7.2 |
| LV-3-10 | 10 | 6/22/2021 | LCI | <0.94 | <1.9 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <1.9 | <0.94 | 57 | <19 | <19 | <0.94 | <19 | <1.9 | <9.4 | ND | <0.097 | <4.9 | 5.6 |
| LV-3-10-DUP | 10 | 6/22/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | 4.4 | <0.90 | 2.0 | <1.8 | <1.8 | <0.90 | 39 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.073 | -- | -- |
| LV-4-1 | 1 | 6/18/2021 | LCI | 4.4 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | 18 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | 1.1 | 42 | 240 |
| LV-4-5 | 5 | 6/18/2021 | LCI | <0.93 | <1.9 | <0.93 | <0.93 | <0.93 | <0.93 | 1.0 | <0.93 | <0.93 | <1.9 | <1.9 | <1.9 | <0.93 | <19 | <19 | <19 | <0.93 | <19 | <1.9 | <9.3 | ND | <0.090 | 7.0 | 8.7 |
| LV-4-10 | 10 | 6/18/2021 | LCI | <0.94 | 4.9 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <1.9 | <0.94 | <19 | <19 | <19 | <0.94 | <19 | <1.9 | <9.3 | ND | <0.078 | 6.1 | 6.9 |
| LV-5-1 | 1 | 6/23/2021 | LCI | 1.4 | <1.7 | <0.84 | <0.84 | <0.84 | <0.84 | 1.5 | 1.1 | <0.84 | <1.7 | <1.7 | <1.7 | <0.84 | 20 | <17 | <17 | <0.84 | <17 | <1.7 | <8.4 | ND | <0.092 | <4.9 | <4.9 |
| LV-5-5 | 5 | 6/23/2021 | LCI | <0.85 | <1.7 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <1.7 | <1.7 | <1.7 | <0.85 | <17 | <17 | <17 | <0.85 | <17 | <1.7 | <8.5 | ND | <0.085 | <5.0 | 7.0 |
| LV-5-10 | 10 | 6/23/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.10 | <4.9 | 8.9 |
| LV-5-10-DUP | 10 | 6/23/2021 | LCI | <0.97 | <1.9 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <1.9 | <0.97 | <19 | <19 | <19 | <0.97 | <19 | <1.9 | <9.7 | ND | <0.11 | -- | -- |
| LV-5-15 | 15 | 6/23/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | <21 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | ND | <0.10 | <5.0 | 12 |
| LV-5-20 | 20 | 6/23/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.10 | 7.4 | 22 |
| LV-6-1 | 1 | 6/22/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | 34 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.10 | 9.3 | 57 |
| LV-6-5 | 5 | 6/22/2021 | LCI | 7.7 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | 2.2 | 1.0 | <0.90 | <1.8 | <1.8 | <1.8 | <0.9 | 18 | <18 | <18 | <0.9 | <18 | <1.8 | <9.0 | ND | <0.087 | <5.0 | 7.0 |
| LV-6-10 | 10 | 6/22/2021 | LCI | 1.8 | <1.6 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <1.6 | <1.6 | <1.6 | <0.80 | <16 | <16 | <16 | <0.80 | <16 | <1.6 | <8.0 | ND | <0.088 | <4.9 | <4.9 |
| LV-6-15 | 15 | 6/22/2021 | LCI | <0.97 | <1.9 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <1.9 | <0.97 | <19 | <19 | <19 | <0.97 | <19 | <1.9 | <9.7 | ND | <0.092 | 12 | 14 |
| LV-6-15-DUP | 15 | 6/22/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | <20 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.10 | -- | -- |
| LV-6-20 | 20 | 6/22/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.097 | <5.0 | <5.0 |
| LV-7-1 | 1 | 6/22/2021 | LCI | <0.82 | <1.6 | <0.82 | <0.82 | <0.82 | <0.82 | 1.8 | 1.6 | <0.82 | <1.6 | 3.5 | <1.6 | <0.82 | 56 | <16 | <16 | <0.82 | <16 | <1.6 | <8.2 | ND | 6.9 | 3900 | 13000 |
| LV-7-5 | 5 | 6/22/2021 | LCI | <0.86 | <1.7 | <0.86 | <0.86 | <0.86 | <0.86 | 4.1 | 3.1 | <0.86 | <1.7 | <1.7 | <1.7 | <0.86 | 19 | <17 | <17 | <0.86 | <17 | <1.7 | <8.6 | ND | <0.074 | <5.0 | 8.5 |
| LV-7-10 | 10 | 6/22/2021 | LCI | <0.72 | <1.4 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <1.4 | <1.4 | <1.4 | <0.72 | <14 | <14 | <14 | <0.72 | <14 | <1.4 | <7.2 | ND | <0.078 | <5.0 | 8.9 |
| LV-8-1 | 1 | 6/18/2021 | LCI | 59 | 160 | <40 | <40 | <40 | <40 | <40 | 2200 | 1000 | 2400 | 820 | <81 | 120 | <810 | <810 | <810 | 100 | <810 | <81 | <400 | 1,4-Dichlorobenzene = 41; n-Butylbenzene = 130; N-Propylbenzene = 140; p-Isopropyltoluene = 100; sec-Butylbenzene = 90; Styrene = 150; Trichlorofluoromethane = 550 | 1.5 | 1800 | 6000 |
| LV-8-3 | 3 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 390 | 1200 |
| LV-8-5 | 5 | 6/18/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | <16 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.086 | 13 | 18 |
| LV-8-10 | 10 | 6/18/2021 | LCI | <1.1 | <2.2 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <2.2 | <1.1 | <22 | <22 | <22 | <1.1 | <22 | <2.2 | <11 | ND | <0.12 | <5.0 | 5.0 |
| LV-9-1 | 1 | 6/22/2021 | LCI | 1.9 | <1.4 | <0.70 | <0.70 | <0.70 | <0.70 | 3.2 | 2.9 | <0.70 | <1.4 | <1.4 | <1.4 | <0.70 | 29 | <14 | <14 | <0.70 | <14 | <1.4 | <7.0 | ND | <0.081 | 51 | 880 |
| LV-9-5 | 5 | 6/22/2021 | LCI | <0.88 | <1.8 | <0.88 | <0.88 | <0.88 | <0.88 | 4.5 | 4.6 | <0.88 | <1.8 | <1.8 | <1.8 | <0.88 | 35 | <18 | <18 | <0.88 | <18 | <1.8 | <8.8 | ND | <0.077 | <5.0 | 5.7 |
| LV-9-10 | 10 | 6/22/2021 | LCI | 3.4 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <1.6 | <0.79 | <16 | <16 | <16 | <0.79 | <16 | <0.79 | <7.9 | ND | <0.10 | <5.0 | 6.0 |
| LV-9-10-DUP | 10 | 6/22/2021 | LCI | 3.4 | <1.5 | <0.74 | <0.74 | <0.74 | <0.74 | 2.2 | <0.74 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 17 | <15 | <15 | <0.74 | <15 | <0.74 | <7.4 | ND | <0.076 | -- | -- |
| LV-10-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.096 | 530 | 760.0 |
| LV-10-5 | 5 | 6/21/2021 | LCI | 1.3 | <1.9 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <1.9 | <1.9 | <1.9 | <0.96 | 22 | <19 | <19 | <0.96 | <19 | <1.9 | <9.6 | ND | <0.087 | <5.1 | 10.0 |
| LV-10-10 | 10 | 6/21/2021 | LCI | 7.7 | <1.5 | <0.74 | <0.74 | <0.74 | <0.74 | 2.7 | 2.4 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 140 | <15 | <15 | <0.74 | <15 | <1.5 | <7.4 | ND | <0.076 | <4.8 | <4.8 |
| LV-11-1 | 1 | 6/21/2021 | LCI | <0.73 | <1.5 | <0.73 | <0.73 | <0.73 | <0.73 | 2.9 | 2.6 | <0.73 | <1.5 | <1.5 | <1.5 | <0.73 | 54 | <15 | <15 | <0.73 | <15 | <1.5 | <7.3 | ND | <0.074 | <5.0 | <5.0 |
| LV-11-1-DUP | 1 | 6/21/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | 3.5 | 3.3 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | 100 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.074 | -- | -- |
| LV-11-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.5 | <5.1 |
| LV-11-5 | 5 | 6/21/2021 | LCI | <0.79 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | 7.3 | 7.2 | 1.4 | 2.8 | <1.6 | <1.6 | <0.79 | 18 | <16 | <16 | <0.79 | <16 | <1.6 | <7.9 | ND | 0.19 | <4.9 | <4.9 |
| LV-11-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.9 | <4.9 |
| LV-11-10 | 10 | 6/21/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.090 | <5.2 | <5.2 |
| LV-12-1 | 1 | 6/21/2021 | LCI | 2.3 | <1.2 | <0.62 | <0.62 | <0.62 | <0.62 | 1.5 | 1.1 | <0.62 | <1.2 | <1.2 | <1.2 | <0.62 | 34 | <12 | <12 | <0.62 | <12 | <1.2 | <6.2 | ND | <0.067 | 5.1 | <4.7 |
| LV-12-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-12-5 | 5 | 6/21/2021 | LCI | <0.77 | <1.5 | <0.77 | <0.77 | <0.77 | <0.77 | 4.3 | 4.4 | 0.91 | <1.5 | <1.5 | <1.5 | <0.77 | 18 | <15 | <15 | <0.77 | <15 | <1.5 | <7.7 | ND | <0.081 | <4.8 | <4.8 |
| LV-12-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | <5.0 |
| LV-12-10 | 10 | 6/21/2021 | LCI | 4.0 | <1.6 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <1.6 | <0.78 | <16 | <16 | <16 | <0.78 | <16 | <1.6 | <7.8 | ND | <0.077 | <5.0 | <5.0 |
| LV-13-1 | 1 | 6/18/2021 | LCI | <0.74 | 1.7 | <0.74 | <0.74 | <0.74 | <0.74 | 1.9 | 1.8 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 120 | <15 | 24 | <0.74 | <15 | <1.5 | <7.4 | ND | 0.17 | 27 | 22 |
| LV-13-2.5 | 2.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | 17 |
| LV-13-5 | 5 | 6/18/2021 | LCI | <0.88 | <1.8 | <0.88 | <0.88 | <0.88 | <0.88 | 2.3 | 2.6 | <0.88 | <1.8 | <1.8 | <1.8 | <0.88 | <18 | <18 | <18 | <0.88 | <18 | <1.8 | <8.8 | ND | <0.090 | 8.0 | 11 |
| LV-13-7.5 | 7.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.8 | <4.8 |
| LV-13-10 | 10 | 6/18/2021 | LCI | <1.1 | <2.2 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <2.2 | <1.1 | <22 | <22 | <22 | <1.1 | <22 | <2.2 | <11 | ND | <0.10 | 10 | 14 |
| LV-14A-1 | 1 | 6/18/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 2.5 | 11 | 6 | 8.1 | 4.0 | <1.0 | 160 | <20 | 22 | <1.0 | <20 | <2.0 | <10 | ND | 0.16 | 530 | 1500 |
| LV-14A-2.5 | 2.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 19 | 32 |
| LV-14A-5 | 5 | 6/18/2021 | LCI | <0.79 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <1.6 | <0.79 | 22 | <16 | <16 | <0.79 | <16 | 1.7 | <7.9 | ND | <0.087 | 15 | 16 |
| LV-14A-7.5 | 7.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | 13 |
| LV-14A-10 | 10 | 6/18/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | 34 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | ND | <0.092 | 5.1 | 7.1 |
| LV-14B-2 | 2 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 160 | 440 |
| LV-15-1 | 1 | 6/21/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | <16 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.071 | 23 | 120 |
| LV-15-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | 29 |
| LV-15-5 | 5 | 6/21/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <1.8 | <1.8 | <1.8 | <0.90 | 24 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.089 | <4.9 | <4.9 |
| LV-15-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-15-10 | 10 | 6/21/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <1.8 | <1.8 | <1.8 | <0.90 | 25 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.096 | <4.9 | <4.9 |
| LV-16-1 | 1 | 6/21/2021 | LCI | <0.76 | <1.5 | <0.76 | <0.76 | <0.76 | <0.76 | 1.4 | 0.93 | <0.76 | <1.5 | <1.5 | <1.5 | <0.76 | 37 | <15 | <15 | <0.76 | <15 | <1.5 | <7.6 | ND | <0.070 | 8.4 | 5.3 |
| LV-16-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | 83 |
| LV-16-5 | 5 | 6/21/2021 | LCI | <0.38 | <0.75 | <0.38 | <0.38 | <0.38 | <0.38 | 1.5 | 1.6 | <0.38 | <0.75 | <0.75 | <0.75 | <0.38 | <7.5 | <7.5 | <7.5 | <0.38 | <7.5 | <0.75 | <7.5 | ND | <0.86 | 6.2 | 7.5 |
| LV-16-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-16-10 | 10 | 6/21/2021 | LCI | <0.86 | <1.7 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <1.7 | <1.7 | <1.7 | <0.86 | <17 | <17 | <17 | <0.86 | <17 | <1.7 | <8.6 | ND | <0.097 | <4.9 | <4.9 |
| LV-17-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | 21 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | Ethanol = 320 | <0.11 | 20 | 120 |
| LV-17-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2400 | 7300 |
| LV-17-5 | 5 | 6/21/2021 | LCI | <42 | <83 | <42 | <42 | <42 | <42 | <42 | <42 | 100 | 610 | 6900 | 2700 | <42 | <830 | <830 | <830 | <42 | <830 | <83 | <420 | n-Butylbenzene = 1000; N-Propylbenzene = 390; p-Isopropyltoluene = 780; sec-Butylbenzene = 410 | 270 | 800 | 2900 |
| LV-17-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14 | 63 |
| LV-17-10 | 10 | 6/21/2021 | LCI | <0.89 | <1.8 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <1.8 | <0.89 | 18 | <18 | <18 | <0.89 | <18 | <1.8 | <8.9 | ND | <0.099 | <4.7 | 11 |
| LV-18-1 | 1 | 6/21/2021 | LCI | <0.9 | <1.8 | <0.9 | <0.9 | <0.9 | <0.9 | 1.4 | <0.9 | <0.9 | <1.8 | <1.8 | <1.8 | <0.90 | 62 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.091 | 9.7 | 120 |
| LV-18-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.9 | 46 |
| LV-18-5 | 5 | 6/21/2021 | LCI | 2.5 | <1.9 | <0.93 | <0.93 | <0.93 | <0.93 | 5 | 2.9 | <0.93 | <1.9 | <1.9 | <1.9 | <0.93 | <19 | <19 | <19 | <0.93 | <19 | <1.9 | <9.3 | ND | <0.089 | <5.0 | <5.0 |
| LV-18-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | 8.0 |
| LV-18-10 | 10 | 6/21/2021 | LCI | <0.91 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | <18 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | <0.10 | 7.1 | 9.8 |
| LV-18-10-DUP | 10 | 6/21/2021 | LCI | 0.99 | <1.3 | <0.64 | <0.64 | <0.64 | <0.64 | 2.1 | 1.7 | <0.64 | <1.3 | <1.3 | <1.3 | <0.64 | 15 | <13 | <13 | <0.64 | <13 | <1.3 | <6.4 | ND | <0.083 | -- | -- |
| LV-19-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.8 | 1.7 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | 290 | <20 | 26 | <1.0 | <20 | <2.0 | <10 | ND | <0.085 | 11.0 | 84 |
| LV-19-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.0 | 63 |

**Table 4.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/kg and TOTAL PETROLEUM HYDROCARBONS (TPH) in mg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| | | | | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | Sample Depth | Sample Date | Consultant | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,3-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *2,700* | *6,100* | *85,000* | *600,000* | *350,000* | *150* | *1,400* | *5,300,000* | *26,000* | *2,500,000* | *11,000* | *1,510,000* | *16,000* | *670,000,000* | *30,000* | *200,000,000* | *9,900,000* | *140,000,000* | *210,000* | *17,000* | -- | *2,000* | *1,200* | *180,000* |
| LV-19-5 | 5 | 6/21/2021 | LCI | <0.82 | <1.6 | <0.82 | <0.82 | <0.82 | <0.82 | 1.5 | 1.1 | <0.82 | <1.6 | <1.6 | <1.6 | <0.82 | <16 | <16 | <16 | <0.82 | <16 | <1.6 | <8.2 | ND | <0.078 | <4.9 | 9.3 |
| LV-19-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.4 | 8.6 |
| LV-19-10 | 10 | 6/21/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | 29 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.092 | 7.8 | 16 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LV-20-0.5 | 0.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Key:
-- = not analyzed
(a) = San Francisco Bay Regiol Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
USEPA = United Stated Environmental Protection Agency
J = Estimated value; concentration above the method detection limit but below the reporting limit
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
**1800** = at or exceeds commercial ESL
<50 = not detected above the method detection limit or reporting limit "X"
B = Constituent found in associated method blank
LCI = Leighton Consulting, Inc.

**TABLE 5. J**UNE 2021 SOIL VAPOR ANALYTICAL TEST RESULTS-DETECTED VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/m$^3$
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample/Boring ID | Sample Depth (ft bgs) | Sample Date | Consultant | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Ethyl-benzene | Xylenes (Total) | Vinyl Chloride | Freon 12 | Freon 113 | trans-1,2-DCE | 1,1-DCE | 1,1,1-TCA | 1,2,4-TMB | 1,2-DCP | p-isopropyltoluene | Other VOCs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SFBRWQCB Commercial Screening Levels [a]** | | | | **67** | **100** | **1,200** | **260** | **14** | **160** | **15,000** | **5.2** | **--** | **733,333** | **12,000** | **10,000** | **150,000** | **290** | **41** | **--** | **--** |
| **DTSC -Screening Levels[b]** | | | | **2** | **--** | **35** | **7.7** | **0.42** | **--** | **--** | **0.2** | **--** | **--** | **350** | **350** | **4,400** | **--** | **--** | **--** | **--** |
| **DTSC -Screening Levels[b]with a 0.03 Attenuation Factor** | | | | **67** | **--** | **1167** | **257** | **14** | **--** | **--** | **5** | **--** | **--** | **11667** | **11667** | **146667** | **--** | **--** | **--** | **--** |
| **DTSC -Screening Levels[b] with a 0.0005 Attenuation Factor** | | | | **4000** | **--** | **70000** | **15400** | **840** | **--** | **--** | **320** | **--** | **--** | **700000** | **700000** | **8800000** | **--** | **--** | **--** | **--** |
| **US EPA[c] RSLs** | | | | **47** | **3** | **--** | **7.7** | **1.6** | **4.9** | **440** | **2.8** | **440** | **--** | **180** | **880** | **22,000** | **260** | **3.3** | **--** | **--** |
| **US EPA[c] RSLs with a 0.03 Attenuation Factor** | | | | **1567** | **100** | **--** | **257** | **53** | **163** | **14667** | **93** | **14667** | **--** | **6000** | **29333** | **733333** | **8667** | **110** | **--** | **--** |
| **US EPA[c] RSLs with a 0.0005 Attenuation Factor** | | | | **94000** | **6000** | **--** | **15400** | **3200** | **9800** | **880000** | **5600** | **880000** | **--** | **360000** | **1760000** | **44000000** | **520000** | **6600** | **--** | **--** |
| LV-1 | 20 | 06/29/21 | LCI | **120** | **430** | <40 | <40 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/29/21 | LCI | 32 | **390** | <40 | <40 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| LV-2 | 20 | 06/29/21 | LCI | **140** | **350** | <40 | 40 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/29/21 | LCI | **120** | **340** | <40 | 60 | <10 | <40 | <80 | <10 | <40 | 68 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| LV-3 | 10 | 06/28/21 | LCI | **230** | **1100** | **5,500** | **2,700** | **27** | <40 | <80 | **2800** | 44 | 170 | 80 | 69 | <40 | <40 | **160** | <40 | MTBE = 64 |
| | 15 | 06/28/21 | LCI | **230** | **1500** | **9,700** | **4,200** | **37** | <40 | <80 | **4700** | 61 | 250 | 130 | 110 | <40 | <40 | **240** | <40 | MTBE = 87 |
| | 35 | 06/28/21 | LCI | **400** | **270** | **11,000** | **2,900** | <10 | <40 | 43 (m,p) | **6100** | 44 | 170 | 190 | 110 | <40 | <40 | **90** | <40 | ND |
| LV-4 | 5 | 06/28/21 | LCI | **450** | **3800** | 250 | **1,400** | **67** | <40 | <80 | **14** | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 14 | 06/28/21 | LCI | <16 | **10000** | **6,500** | **1,800** | **42** | <40 | <80 | **1000** | <40 | <40 | 120 | 110 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/28/21 | LCI | <16 | 31 | **16,000** | **3,000** | **14** | <40 | <80 | **2200** | <40 | <40 | 84 | 310 | <40 | <40 | <40 | <40 | MTBE = 68 |
| LV-5 | 20 | 06/29/21 | LCI | **1500** | **640** | <40 | <40 | <10 | <40 | <80 | <10 | <40 | 120 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 34 | 06/29/21 | LCI | **330** | **790** | 380 | <40 | <10 | 44 | <80 | <10 | <40 | 140 | NA | <40 | <40 | 42 | <40 | 41 | ND |
| LV-6 | 20 | 06/29/21 | LCI | **710** | **580** | 200 | 230 | <10 | <40 | <80 | <10 | <40 | 200 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/29/21 | LCI | **88** | **840** | 970 | 590 | <10 | <40 | <80 | **22** | <40 | 240 | NA | <40 | <40 | <40 | **53** | <40 | ND |
| LV-7 | 7 | 06/29/21 | LCI | **350** | **580** | <40 | **650** | <10 | <40 | <80 | <10 | <40 | 260 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 15 | 06/29/21 | LCI | **570** | **1400** | 360 | **2,300** | <10 | <40 | <80 | <10 | <40 | 180 | NA | <40 | <40 | <40 | <40 | <40 | MTBE = 190 |
| | 15 REP | 06/29/21 | LCI | **630** | **1500** | 450 | **2,900** | <10 | <40 | <80 | <10 | <40 | 210 | NA | <40 | <40 | <40 | <40 | <40 | MTBE = 220 |
| | 35 | 06/29/21 | LCI | 38 | **830** | **3,800** | **3,600** | <10 | <40 | <80 | **720** | <40 | 87 | 84 | 190 | <40 | 73 | <40 | <40 | MTBE = 260 |
| LV-8 | 5 | 06/28/21 | LCI | **82** | **390** | 540 | **2,100** | **82** | <40 | 72 (m,p) | **2200** | <40 | <40 | NA | 78 | <40 | 51 | <40 | <40 | Chloroethane = 260 |
| | 15 | 06/28/21 | LCI | 44 | **1000** | **6,400** | **6,500** | **46** | <40 | <80 | **2500** | <40 | <40 | 91 | 500 | <40 | <40 | <40 | <40 | 1,2-Dichloroethane = 160; MTBE = 100 |
| | 35 | 06/28/21 | LCI | <16 | **170** | **5,800** | **5,300** | <10 | <40 | <80 | **1800** | <40 | <40 | 60 | 470 | <40 | <40 | <40 | <40 | 1,2-Dichloroethane = 77; MTBE = 77 |
| LV-9 | 6 | 06/28/21 | LCI | **3500** | **530** | <40 | 110 | 11 | <40 | 68 (m,p) | <10 | <40 | 72 | NA | <40 | <40 | 46 | <40 | <40 | ND |
| | 6 REP | 06/28/21 | LCI | **4100** | **640** | <40 | 120 | **14** | <40 | 91 (m,p) | <10 | <40 | 98 | NA | <40 | 41 | 54 | <40 | <40 | 1,1,1-TCE = 41 |
| | 15 | 06/28/21 | LCI | **6800** | **2900** | 280 | **1,400** | <10 | <40 | <80 | <10 | <40 | 210 | NA | <40 | 77 | <40 | <40 | <40 | 1,1,1-TCE = 77 |
| | 35 | 06/28/21 | LCI | <16 | **600** | **6800** | **2400** | <10 | <40 | <80 | **52** | <40 | 220 | 130 | 68 | <40 | <40 | <40 | <40 | MTBE = 58 |
| LV-10 | 6 | 06/28/21 | LCI | **6000** | **210** | <40 | <40 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | 66 | <40 | <40 | <40 | 1,1,1-TCE = 66 |
| | 15 | 06/28/21 | LCI | **2300** | **330** | <40 | 170 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/28/21 | LCI | **250** | **550** | 220 | **1400** | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |

Notes:

-- = Screening level not established

µg/m$^3$ = micrograms per cubic meter

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019

(b) = Department of Toxic Substances (DTSC) HHRA Note 3 June 2020, Table 3. DTSC-recommended Screening Levels for Ambient Air Analytes

(c) = United States Environmental Protection Agency (USEPA) Regional Screening Levels, May 2021, for industrial air, cancer endpoint; noncancer enpoint used where cancer endpoint unavailable

J = Estimated value. Concentration detected above the method detection limit but below the reporting limit

NA = Not Analyzed

<8 = Not detected above method detection limit

LCI = Leighton Consulting, Inc.

**RED** = at or exceeds Commercial Screening Level (a)

< = Less than Laboratory Detection Limit

(m,p) = m,p-Xylene only for total

BDCM = Bromodichloromethane

DCA = Dichloroethane

DCE = Dichloroethene

DCP = Dichloropropane

PCE = Tetrachloroethylene

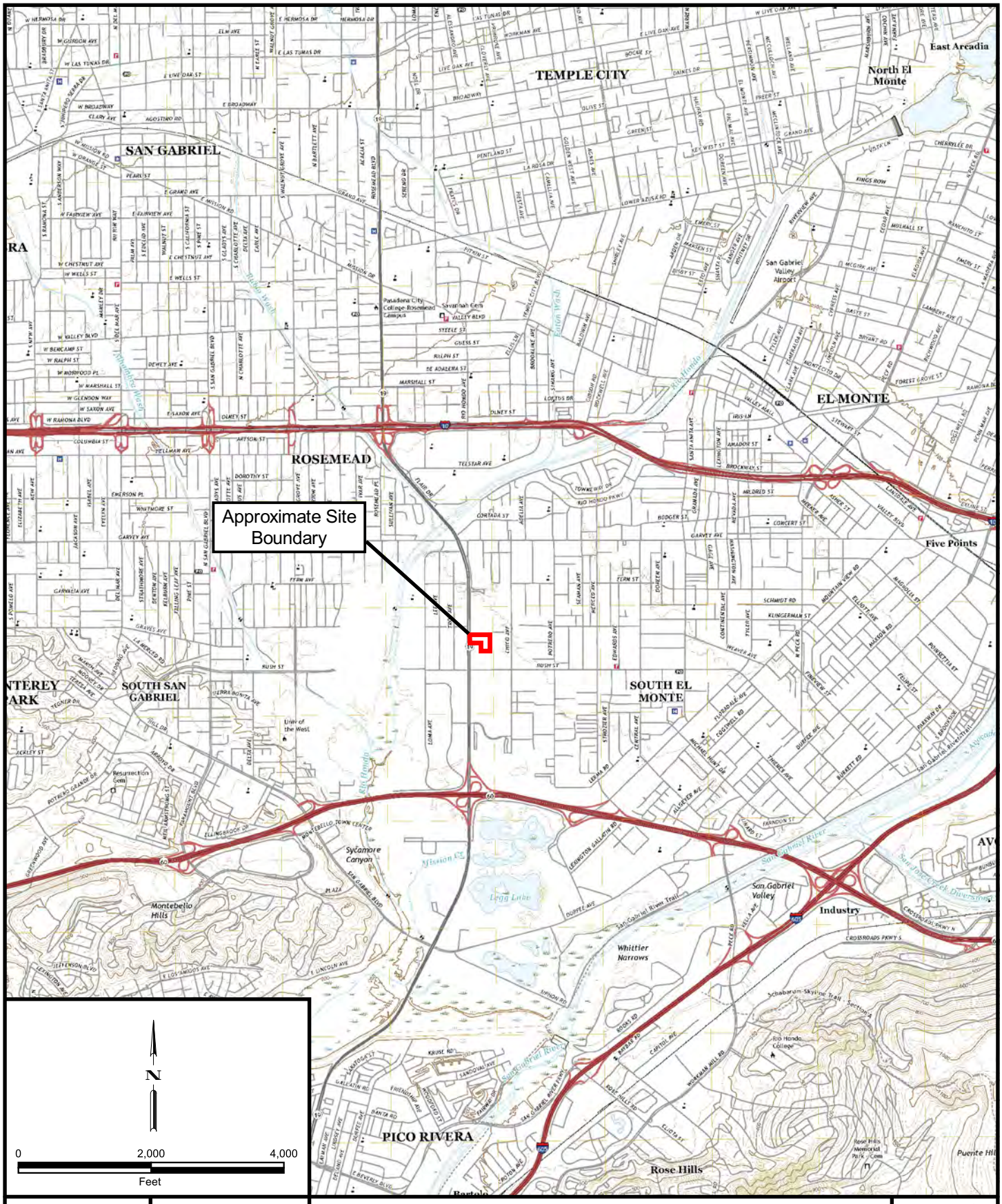
TCA = Trichloeoethane

TCE = Trichloroethylene

TMB = Trimethylbenzene

MTBE = Methyl tertiary-butyl ether

# FIGURES




| | |
|---|---|
| Project: 13111.001 | Geol/Eng: RJF/MH |
| Scale 1" = 2,000' | Date: Month 2020 |

Basemap: USGS Topographic Map, El Monte Quandrangle 7.5 Minute Series, 2018.

Author: mav

# SITE LOCATION MAP

Rosemead Holding LLC
2200 N. Rosemead Boulevard
South El Monte, California

Figure 1

Leighton

Map Saved as\\ds-irv\project\INFOCUS PROJECTS\13001-13500\13111 Rosemead Holding\001\Geomatics\JulyPlates

**Legend**

Approximate Site Boundary

Rosemead Blvd

2291

2117

19

19

Figure 2

# SITE PLAN

Rosemead Holding LLC
2200 N Rosemead Boulevard
South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: RJB/MH |
| Scale: 1 " = 30 feet | Date: June 2021 |

Base Map: ESRI ArcGIS Online 2021

Author: Leighton Geomatics (btran)

Leighton

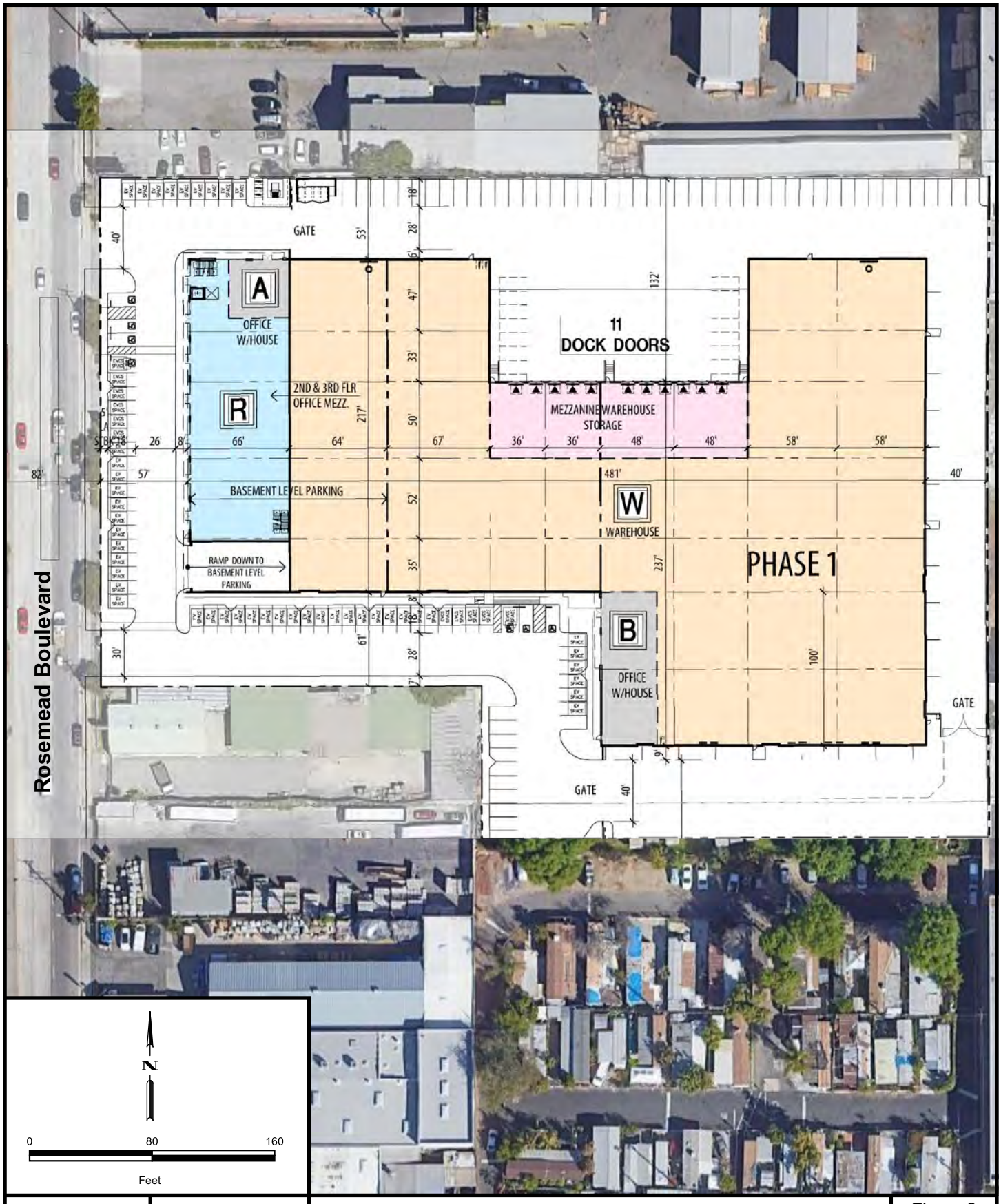
N

0 30 60

Feet

Esri, HERE, Garmin, (c) OpenStreetMap contributors, © 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution

Map Saved as V:\Drafting\13111\001\Maps\13111-001_P01_SP_2021-06-01.mxd on 6/1/2021 10:36:27 AM




| | |
|---|---|
| Project: 13111.001 | Geol/Eng: RJF/MH |
| Scale 1" = 80' | Date: July 2021 |

Basemap: Modified from; Site Plan Scheme H - Phases 1 & 2 Rosemead Blvd. & Rush Street, GAA Architects, dated July 7, 2021.

Author: mav

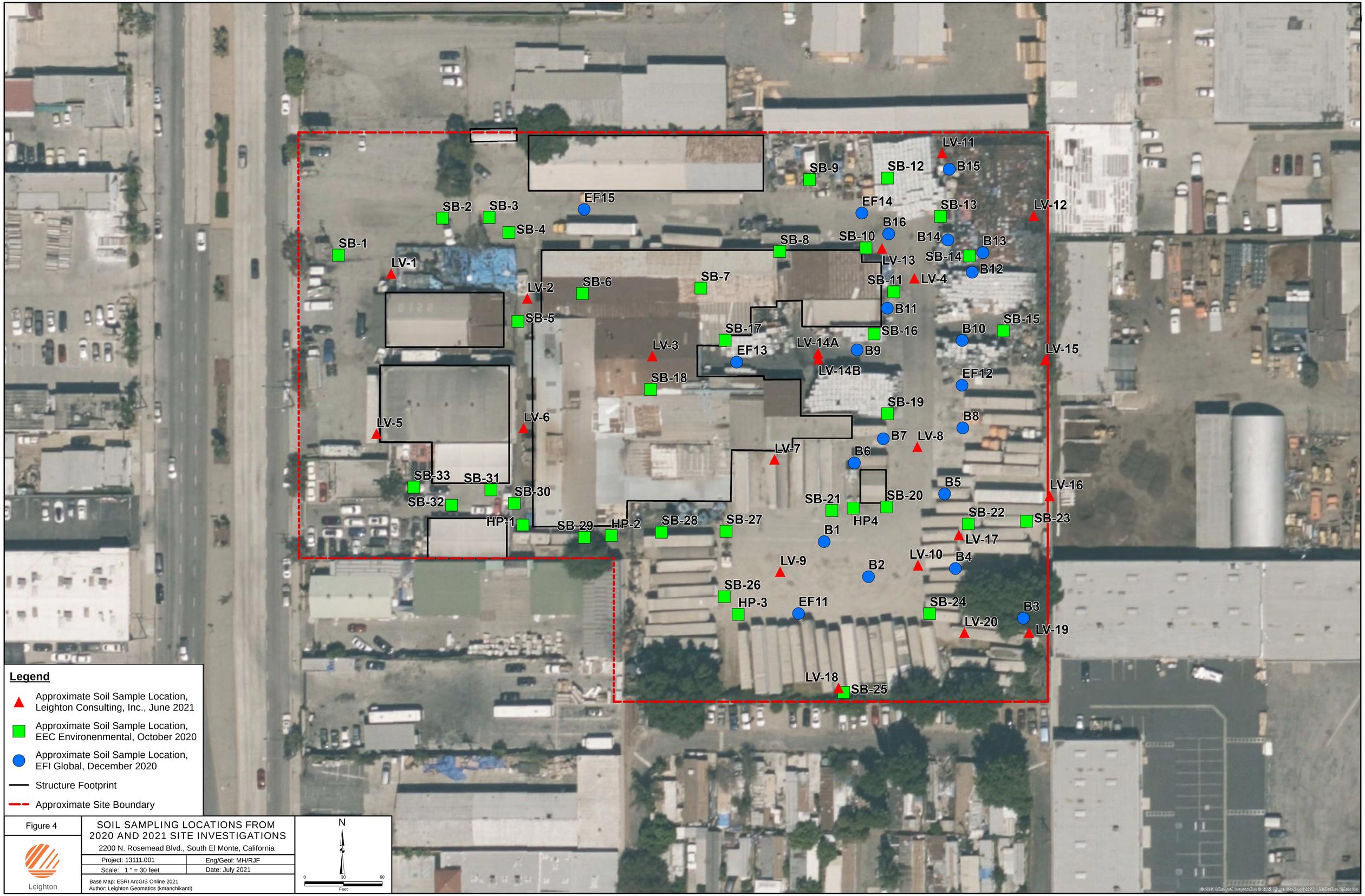
# PROPOSED PHASE 1 SCHEMATIC

Rosemead Holding LLC
2200 N Rosemead Boulevard
South El Monte, California

Figure 3

Leighton

Map Saved as \\ds-irv\project\INFOCUS PROJECTS\13001-13500\13111 Rosemead Holding\001\Geomatics\JulyPlates\20210730_F3_SCHEM




**Legend**

- Approximate Soil Sample Location, Leighton Consulting, Inc., June 2021
- Approximate Soil Sample Location, EEC Environenmental, October 2020
- Approximate Soil Sample Location, EFI Global, December 2020
- Structure Footprint
- Approximate Site Boundary

Figure 4

Leighton

SOIL SAMPLING LOCATIONS FROM 2020 AND 2021 SITE INVESTIGATIONS

2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 30 feet | Date: July 2021 |

Base Map: ESRI ArcGIS Online 2021
Author: Leighton Geomatics (kmanchikanti)

N

0 30 60

Feet

© 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution Airbus DS

Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P01_SL_2021-07-26.mxd on 7/27/2021 10:35:15 AM

# PLATES

SB-3
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.8 J | 9.6 | 33 | 10
SB-2
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.1 | 6.8 | 18 | 8.1
SB-4
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.9 J | 7.4 | 32 | 10
SB-1
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.8 J | 11 | 27 | 18
LV-1
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.91 | ND < 2.43 | 1.84 | ND < 4.85
5 | ND < 2.97 | 2.71 | 4.06 | ND < 4.95
10 | ND < 2.99 | 3.54 | 10.7 | 12.1
15 | ND < 3.00 | 4.09 | 16.1 | 5.23
20 | ND < 2.91 | 2.55 | 2.68 | ND < 4.85
LV-2
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.88 | ND < 2.40 | 8.22 | ND < 4.81
5 | ND < 3.16 | 4.84 | 5.58 | ND < 5.26
10 | ND < 2.96 | ND < 2.46 | 7.09 | ND < 4.93
15 | ND < 3.09 | ND < 2.58 | 5.41 | ND < 5.15
20 | ND < 2.93 | ND < 2.44 | 2.32 | ND < 4.88
SB-5
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.9 | 8.6 | 24 | 7.2
LV-3
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.02 | ND < 2.51 | 89.6 | ND < 5.03
5 | ND < 2.96 | ND < 2.46 | 67.5 | ND < 4.93
10 | ND < 3.08 | ND < 2.56 | 80.7 | ND < 5.13
LV-5
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.94 | 3.4 | 7.1 | 7.28
5 | ND < 2.99 | ND < 2.49 | 6.35 | 6.94
10 | ND < 2.96 | 3.51 | 6.69 | 17.5
15 | ND < 3.00 | 2.8 | 7.52 | 7.63
20 | ND < 3.09 | 4.18 | 6.27 | 13.6
LV-6
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.88 | 2.4 | 2.47 | ND < 4.81
5 | ND < 2.91 | ND < 2.43 | 1.95 | ND < 4.85
10 | ND < 2.99 | 3.6 | 3.04 | ND < 4.98
15 | ND < 3.00 | ND < 2.50 | 12.3 | ND < 5.00
20 | ND < 3.09 | ND < 2.58 | 10.3 | ND < 5.15
SB-33
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.3 | 4.3 | 12 | 12
SB-31
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.6 | 5.0 | 19 | 19
SB-32
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.3 | 4.3 | 12 | 12
SB-9
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND <3.0 | 5.4 | 30 | 8.5
SB-8
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.7 J | 4.6 | 20 | 25
EFI3
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 20.7
SB-17
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.6 | 4.8 | 19 | 11
5 | -- | -- | -- | 9.5
SB-7
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.0 | 3.9 | 12 | 4.8
EFI5
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 8.1
SB-12
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.7 J | 6.6 | 26 | 8.3
B15
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 2330
2 | -- | -- | -- | 306
3 | -- | -- | -- | 7.2
B16
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 39.8
2 | -- | -- | -- | 14.5
3 | -- | -- | -- | 6.7
SB-13
Depth | Antimony | Arsenic | Chromium | Lead
2 | 29 | 7.9 | 110 | 2,300
15 | -- | -- | -- | 3.6
LV-11
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.08 | ND < 2.56 | 5.73 | 11.9
2.5 | ND < 2.91 | ND < 2.43 | 19.1 | ND < 4.85
5 | ND < 2.87 | ND < 2.39 | 14.8 | ND < 4.78
7.5 | ND < 2.86 | ND < 2.38 | 20.9 | ND < 4.76
10 | ND < 3.00 | ND < 2.50 | 15.7 | ND < 5.00
LV-13
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.11 | ND < 2.59 | 4.46 | ND < 5.18
2.5 | ND < 3.16 | ND < 2.63 | 8.26 | 8.08
5 | ND < 3.02 | ND < 2.51 | 9.41 | 12.7
7.5 | ND < 2.93 | ND < 2.44 | 2.54 | ND < 4.88
10 | ND < 2.99 | 4.61 | 12.8 | 28.4
B14
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 473
2 | -- | -- | -- | 9.2
3 | -- | -- | -- | 61.5
LV-12
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.00 | 5.01 | 12.1 | 166
2.5 | ND < 3.06 | ND < 2.55 | 18.7 | ND < 5.10
5 | ND < 3.13 | ND < 2.60 | 10.7 | ND < 5.21
7.5 | ND < 3.02 | ND < 2.51 | 19.6 | ND < 5.03
10 | ND < 3.16 | ND < 2.63 | 18.8 | ND < 5.26
SB-14
Depth | Antimony | Arsenic | Chromium | Lead
5 | ND < 2.8 | 9.7 | 23 | 31
B13
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 775
2 | -- | -- | -- | 10
3 | -- | -- | -- | 6.9
B12
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 1210
2 | -- | -- | -- | 8.3
3 | -- | -- | -- | 8.1
LV-4
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.13 | ND < 2.60 | 6.51 | ND < 5.21
5 | ND < 3.00 | 3.94 | 9.51 | ND < 5.00
10 | ND < 2.99 | 6.73 | 12.4 | ND < 4.98
SB-11
Depth | Antimony | Arsenic | Chromium | Lead
2 | 19 | 6.4 | 88 | 2,400
5 | -- | -- | -- | 6.3
B11
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 52.8
2 | -- | -- | -- | 7.6
3 | -- | -- | -- | 7.2
B9
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 105
2 | -- | -- | -- | 24.5
3 | -- | -- | -- | 170
SB-16
Depth | Antimony | Arsenic | Chromium | Lead
2 | 13 | 8.1 | 2,000 | 13,000
5 | -- | -- | -- | 6.3
B10
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 4470
2 | -- | -- | -- | 10.7
3 | -- | -- | -- | 6.5
SB-15
Depth | Antimony | Arsenic | Chromium | Lead
2 | 4.8 | 7.9 | 38 | 390
5 | -- | -- | -- | 5.8
LV-15
Depth | Antimony | Arsenic | Chromium | Lead
1 | 13.6 | ND < 2.59 | 78.3 | 1640
2.5 | ND < 3.08 | ND < 2.56 | 10.7 | 9.88
5 | ND < 3.02 | 13.5 | 16 | ND < 5.03
7.5 | ND < 3.02 | 20.5 | 19.7 | ND < 5.03
10 | ND < 2.97 | ND < 2.48 | 13.8 | ND < 4.95
EFI2
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 791
SB-19
Depth | Antimony | Arsenic | Chromium | Lead
2 | 79 | 21 | 5,100 | 26,000
5 | -- | 8.1 | -- | 4.7
B8
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 9790
2 | -- | -- | -- | 111
3 | -- | -- | -- | 30
B7
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 23.3
2 | -- | -- | -- | 15.3
3 | -- | -- | -- | 10.8
B6
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 662
2 | -- | -- | -- | 97.3
3 | -- | -- | -- | 668
4 | -- | -- | -- | 11.6
LV-16
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.91 | ND < 2.43 | 5.27 | ND < 4.85
2.5 | ND < 2.91 | 7.67 | 17.6 | ND < 4.85
5 | ND < 2.93 | 6.92 | 14.1 | ND < 4.88
7.5 | ND < 2.88 | ND < 2.40 | 7.38 | ND < 4.81
10 | ND < 2.91 | ND < 2.43 | 12.1 | ND < 4.85
B5
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 92.4
2 | -- | -- | -- | 19900
3 | -- | -- | -- | 20.7
4 | -- | -- | -- | --
SB-23
Depth | Antimony | Arsenic | Chromium | Lead
2 | 730 | 23 | 180 | 4,100
5 | 1.7 J | 4.0 | -- | 5.7
SB-22
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.8 | 3.3 | 13 | 50
B4
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 6.36
2 | -- | -- | -- | 39.1
3 | -- | -- | -- | 34.6
B3
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 702
2 | -- | -- | -- | 57.2
3 | -- | -- | -- | 71
4 | -- | -- | -- | NA
SB-24
Depth | Antimony | Arsenic | Chromium | Lead
2 | 4.0 | 5.3 | 17 | 140
SB-20
Depth | Antimony | Arsenic | Chromium | Lead
2 | 6.9 | 3.2 | 28 | 520
5 | -- | -- | -- | 7.8
SB-10
Depth | Antimony | Arsenic | Chromium | Lead
5 | 2.7 J | 18 | 25 | 84
10 | -- | 4 | -- | --
SB-6
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.8 | 3.3 | 24 | 7.2
LV-14A
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.00 | ND < 2.50 | 5.42 | ND < 5.00
2.5 | ND < 3.09 | ND < 2.58 | 4.2 | ND < 5.15
5 | ND < 3.13 | 2.86 | 11.8 | 18
7.5 | ND < 3.16 | ND < 2.63 | 5.19 | ND < 5.26
10 | ND < 3.02 | ND < 2.51 | 4.87 | ND < 5.03
LV-14B
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.09 | ND < 2.58 | 3.26 | 6.53
LV-8
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.93 | ND < 2.44 | 3.72 | ND < 4.88
3 | ND < 2.88 | ND < 2.40 | 7.29 | ND < 4.81
5 | ND < 2.90 | ND < 2.42 | 5.3 | ND < 4.83
10 | ND < 2.97 | ND < 2.48 | 2.31 | ND < 4.95
SB-18
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.0 | 1.6 | 6.6 | 4.5
LV-7
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.09 | ND < 2.58 | 51.3 | ND < 5.15
5 | ND < 3.06 | 40.2 | 18.5 | 109
10 | ND < 3.03 | ND < 2.53 | 109 | ND < 5.05
SB-21
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.9 | 5.0 | 18 | 5.9
EFI4
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 137
SB-30
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.3 | 2.7 | 8.7 | 6.1
SB-29
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.6 | 2.1 | 15 | 47
SB-28
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.2 | 3.1 | 15 | 15
SB-27
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.1 | 2.2 | 18 | 100
LV-9
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.93 | ND < 2.44 | 27.6 | 8.62
5 | ND < 3.00 | 30 | 13.9 | 93.1
10 | ND < 3.16 | ND < 2.63 | 66.4 | ND < 5.26
SB-26
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.9 J | 14 | 30 | 9.3
5 | -- | 6.4 | -- | --
B1
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 686
2 | -- | -- | -- | 13.1
3 | -- | -- | -- | 36.3
4 | -- | -- | -- | --
EFI1
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 62.7
B2
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 506
2 | -- | -- | -- | 41.6
3 | -- | -- | -- | 9.2
LV-18
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.11 | ND < 2.59 | 18.5 | 226
2.5 | ND < 3.00 | ND < 2.50 | 5.06 | ND < 5.00
5 | ND < 2.96 | ND < 2.46 | 18 | ND < 4.93
7.5 | ND < 3.16 | ND < 2.63 | 21.6 | ND < 5.26
10 | ND < 3.02 | ND < 2.51 | 22.7 | ND < 5.03
SB-25
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.6 J | 7.0 | 18 | 110
LV-10
Depth | Antimony | Arsenic | Chromium | Lead
1 | 12.5 | 3.36 | 207 | 2680
5 | ND < 3.08 | ND < 2.56 | 14.4 | ND < 5.13
10 | ND < 3.00 | ND < 2.50 | 21.3 | ND < 5.00
LV-19
Depth | Antimony | Arsenic | Chromium | Lead
1 | 2.98 | ND < 2.43 | 23 | 631
2.5 | ND < 2.93 | 5.08 | 13 | 41.7
5 | ND < 3.00 | ND < 2.50 | 13.8 | ND < 5.00
7.5 | ND < 2.88 | ND < 2.40 | 10.4 | ND < 4.81
10 | ND < 3.13 | ND < 2.60 | 67.6 | ND < 5.21
LV-20
Depth | Antimony | Arsenic | Chromium | Lead
0.5 | ND < 3.16 | ND < 2.63 | 22.2 | 125
LV-17
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.06 | ND < 2.55 | 10.5 | 10.8
2.5 | ND < 2.96 | ND < 2.46 | 10.3 | 9.7
5 | ND < 3.00 | ND < 2.50 | 13.1 | ND < 5.00
7.5 | ND < 2.91 | ND < 2.43 | 8.4 | ND < 4.85
10 | ND < 2.93 | ND < 2.44 | 17.8 | ND < 4.88
EF15
EF14
EF13
EF12
EF11
HP-1
HP-2
HP4
SB-1
SB-2
SB-3
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SB-12
SB-13
SB-14
SB-15
SB-16
SB-17
SB-18
SB-19
SB-20
SB-21
SB-22
SB-23
SB-24
SB-25
SB-26
SB-27
SB-28
SB-29
SB-30
SB-31
SB-32
SB-33
LV-1
LV-2
LV-3
LV-4
LV-5
LV-6
LV-7
LV-8
LV-9
LV-10
LV-11
LV-12
LV-13
LV-14A
LV-14B
LV-15
LV-16
LV-17
LV-18
LV-19
LV-20
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15
B16
Legend
Approximate Soil Sample Location, Leighton Consulting, Inc., June 2021
Approximate Soil Sample Location, EEC Environenmental, October 2020
Approximate Soil Sample Location, EFI Global, December 2020
Structure Footprint
Approximate Site Boundary
Depth in feet below ground surface
mg/kg milligrams per kilogram
-- not analyzed
ND<3.3 not detected above the method or reporting limit
J estimated value; concentration above the method detection limit but below the reporting limit
RED Excluding arsenic, at or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019. For arsenic, the commercial/industrial soil screening level arsenic is 12 mg/kg.
Reference: Determination of a Southern California Regional Background Arsenic Concentration in Soil, California DTSC, March 2008.
Plate 1
Leighton
SELECTED CAM-17 METALS DETECTED IN SOIL SAMPLES IN MG/KG
2200 N. Rosemead Blvd., South El Monte, California
Project: 13111.001
Eng/Geol: MH/RJF
Scale: 1 " = 30 feet
Date: July 2021
Base Map: ESRI ArcGIS Online 2021
Author: Leighton Geomatics (kmanchikanti)
N
0
30
60
Feet
Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P01_SP_2021-07-13.mxd on 7/14/2021 4:28:01 PM

| SB-11 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 1,900 | ND < 250 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |
| 15 | ND < 50 | ND < 50 |

| SB-10 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 5 | ND < 50 | ND < 50 |

| B15 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 116 | ND |
| 2 | 278 | 96 |
| 3 | 265 | 117 |

| B16 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | ND |
| 3 | ND | ND |

| SB-13 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 790 | ND < 50 |

| SB-14 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 22,000 | ND < 1,200 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |
| 15 | ND < 50 | ND < 50 |

| SB-12 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 49 | ND < 49 |

| LV-11 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-12 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| SB-17 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 500 | ND < 500 |

| LV-13 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 49 | ND < 49 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B14 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 752 | 337 |
| 2 | ND | ND |
| 3 | ND | ND |

| B13 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | ND |
| 3 | ND | ND |

| B12 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 5,890 | 354 |
| 2 | ND | ND |
| 3 | ND | ND |

| LV-4 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 210 | 89 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| SB-4 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 50 | ND < 50 |

| SB-1 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 49 | ND < 49 |

| LV-1 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 51 | ND < 51 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |
| 15 | ND < 49 | ND < 49 |
| 20 | ND < 50 | ND < 50 |

| LV-14A | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 49 | ND < 49 |

| B9 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | ND |
| 3 | ND | 76 |

| SB-16 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 22,000 | ND < 1,000 |
| 5 | ND < 100 | ND < 100 |

| B11 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 162 | ND |
| 2 | ND | ND |
| 3 | ND | ND |

| SB-15 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 290 J | ND < 50 |

| LV-3 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-14B | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 2 | 740 | 550 |

| LV-15 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 340 | 110 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B10 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 1,170 | ND |
| 2 | ND | ND |
| 3 | ND | ND |

| LV-7 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | 73 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-8 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 15,000 | 4,000 |
| 3 | 1,600 | 470 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B8 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 30,600 | 2,630 |
| 2 | ND | ND |
| 3 | ND | ND |

| B7 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | 414 |
| 3 | ND | ND |

| SB-30 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 50 | ND < 50 |

| LV-9 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 720 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-17 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-16 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B6 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | 2,920 | 2,450 |
| 3 | 26,200 | 368 |
| 4 | ND | ND |

| B5 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | ND |
| 3 | 906 | 129 |
| 4 | 2,210 | 181 |

| SB-27 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 510 | ND < 510 |

| LV-10 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 1,400 | 370 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B4 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 73 | ND |
| 2 | 282 | ND |
| 3 | ND | ND |

| B3 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | 98 | 79 |
| 3 | 3,990 | 2,140 |
| 4 | ND | ND |

| B1 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 917 | 380 |
| 2 | 66.7 | 83.8 |
| 3 | 2,870 | 729 |
| 4 | ND | 193 |

| LV-18 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 49 | ND < 49 |
| 10 | ND < 50 | ND < 50 |

| B2 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 436 | 216 |
| 2 | 1,020 | 1,140 |
| 3 | ND | ND |

| SB-20 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 500 | ND < 500 |

| LV-20 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 0.5 | ND < 50 | ND < 50 |

| LV-19 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 110 | 100 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 49 | ND < 49 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

## Legend

- Approximate Soil Sample Location, Leighton Consulting, Inc., June 2021
- Approximate Soil Sample Location, EEC Environenmental, October 2020
- Approximate Soil Sample Location, EFI Global, December 2020
- Structure Footprint
- Approximate Site Boundary
- **PCB** Polychlorinated biphenyl

| | |
|---|---|
| **Depth** | in feet below ground surface |
| **ug/kg** | micrograms per kilogram |
| **--** | not analyzed |
| **ND<3.3** | not detected above the method or reporting limit |
| **J** | estimated value; concentration above the method detection limit but below the reporting limit |

**RED** at or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019

Plate 2

Leighton

# SELECTED PCB COMPOUNDS DETECTED IN SOIL SAMPLES IN UG/KG

2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 30 feet | Date: July 2021 |

Base Map: ESRI ArcGIS Online 2021

Author: Leighton Geomatics (kmanchikanti)

N

0 30 60

Feet

© 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution Airbus DS

Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P03_SP_2021-07-13.mxd on 7/14/2021 1:11:22 AM

SB-1
SB-2
SB-3
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SB-12
SB-13
SB-14
SB-15
SB-16
SB-17
SB-18
SB-19
SB-20
SB-21
HP4
SB-22
SB-23
SB-24
HP-3
SB-25
SB-26
SB-27
SB-28
HP-2
SB-29
HP-1
SB-30
SB-32
SB-31
SB-33

SB-14

| Depth | PCE | 1,2,4-TMB | TPH-g | TPH-d |
|---|---|---|---|---|
| 2 | 18 | ND < 6.0 | ND < 10 | 1,400 |
| 5 | 32 | 12 | ND < 10 | ND < 10 |

SB-16

| Depth | PCE | 1,2,4-TMB | TPH-g | TPH-d |
|---|---|---|---|---|
| 2 | 1.9 J | 15 | ND < 10 | 4,900 |
| 5 | ND < 4.7 | 0.92 J | ND < 10 | ND < 10 |

SB-21

| Depth | PCE | 1,2,4-TMB | TPH-g | TPH-d |
|---|---|---|---|---|
| 2 | ND < 5.0 | 0.8 J | ND < 10 | 35 |
| 5 | 4,100 | 13,000 | 240 | 1,500 |
| 10 | 0.3 J | 1.0 J | ND < 10 | 9.7 J |

SB-23

| Depth | PCE | 1,2,4-TMB | TPH-g | TPH-d |
|---|---|---|---|---|
| 2 | 69 J | 33,000 | 2,600 | 8,500 |
| 5 | ND < 5.7 | ND < 5.7 | ND < 9.9 | 4.5 J |

**Legend**

- Approximate Soil Sample Location, EEC Environenmental, October 2020
- Structure Footprint
- Approximate Site Boundary
- **PCE** Tetrachloroethene
- **1,2,4-TMB** 1,2,4- Trimethylbenzene
- **TPH-g** Total Petroleum Hydrocarbons Gasoline Range
- **TPH-d** Total Petroleum Hydrocarbons Diesel Range
- **Depth** in feet below ground surface
- **ug/kg** micrograms per kilogram
- **--** not analyzed
- **ND<3.3** not detected above the method or reporting limit
- **J** estimated value; concentration above the method detection limit but below the reporting limit
- **RED** at or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019.

Plate 3

Leighton

SELECTED VOLATILE ORGANIC COMPOUNDS **IN UG/KG AND TPH IN MG/KG** DETECTED IN SOIL SAMPLES
2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 30 feet | Date: June 2021 |

Base Map: ESRI ArcGIS Online 2021
Author: Leighton Geomatics (kmanchikanti)

N

0 30 60
Feet

© 2020 Maxar Technologies © 2020 Nearmap © 2020 TomTom © 2021 Microsoft Corporation

Map Saved as V:\Drafting\13111\001\Maps\13111-001_P02_SP_2021-06-09.mxd on 6/14/2021 8:34:27 AM

SB-9

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 130 | 200 | ND | ND |
| 15 | 87 | 390 | 1.7 J | 1.2 J |

SB-8

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 190 | 280 | 16 | 24 |
| 15 | 170 | 1,300 | ND | 12 J |

SB-17

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 740 | 2,400 | 190 | 2,700 |
| 15 | 120 | 190 | 24 | 46 J |

SB-10

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 200 | 1,300 | 100 | ND |
| 15 | 250 | 2,800 | 29 J | 1,700 |

SB-13

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 280 | 1,300 | ND | 620 |
| 15 | 270 | 1,700 | ND | 470 |

SB-14

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 360 | 820 | 95 | 5.0 J |
| 15 | 120 | 3,300 | 6.7 | 5.9 J |

SB-16

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 110 | 660 | 170 | 17 J |
| 15 | 100 J | 1,200 | 54 | 2,000 |

SB-15

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 230 | 87 J | ND | 1,100 |
| 15 | 260 | 140 | ND | 5.8 J |

SB-2

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 68 | 50 | 4.7 | 5.3 |
| 15 | 29 J | 49 J | 22 J | 1,200 |

SB-5

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 350 | 150 | ND | ND |
| 15 | 460 | 460 | ND | 2.0 J |

SB-18

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 980 | 2,200 | ND | 1,400 |
| 15 | 2,200 | 2,500 | 57 J | 1,000 |

SB-33

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 300 | 19 | 9.1 | 4.8 J |
| 15 | 5,100 | 980 | 29 | 10 J |

SB-30

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 1,300 | 330 | ND | 12 J |
| 15 | 100,000 | ND | 160 J | 38,000 |

HP-1

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 10,000 | 1,600 | 12 | NA |
| 15/DUP | 13,000/13,000 | 2,500/2,500 | 5.6 / 4.4 | NA |
| 30 | 6,900 | 2,000 | 4.6 | NA |
| 40 | 1,400 | 1,000 | 6.8 | NA |

SB-29

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 5,500 | 1,300 | 67 | 25,000 |
| 15 | 5,200 J | 4,500 J | 3,400 J | 41,000 |

HP-2

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 18,000 | 3,600 | 13 | NA |
| 15 | 30,000 | 7,900 | 5.2 | NA |
| 30 | 25,000 | 8,600 | 4.4 | NA |
| 40 | 7,400 | 6,500 | 5.0 | NA |

SB-28

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 2,200 | 850 | 100 | 22,000 |
| 15 | 32,000 | 8,300 | ND | 66,000 |

SB-27

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 390 | 2,500 | 14 | ND |
| 15 | 6,300 | 5,400 | 35 B,J | 6,200 |

SB-26

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 10,000 | 1,000 | ND | 1,500 |
| 15 | 41,000 | 8,500 | ND | 980 J |

HP-3

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 10,000 | 1,500 | 7.2 | NA |
| 15 | 11,000 | 3,000 | ND<2.2 | NA |
| 30 | 8,300 | 2,800 | 14 | NA |
| 40 | 5,900 | 3,700 | 17 | NA |

HP-4

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 5,900 | 2,200 | 1,800 | NA |
| 15/DUP | 180 /220 | 84/100 | 30/26 | NA |
| 30 | 93 | 160 | 7.8 | NA |
| 40 | 190 | 170 | 7.0 | NA |

SB-21

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 4,000 | 6,000 | 3,700 | 3,500 |
| 15 | 820 | 290 J | 210 | 9,300 |

SB-23

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 59 | 22 | 48 | 7.7 J |
| 15 | 360 | 420 | ND | 6.4 J |

SB-22

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | ND | 320 J | ND | 5,600 |
| 15 | 530 | 2,100 | ND | 5.4 J |

SB-24

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 580 | 20 | 19 | ND |
| 15 | 980 | 120 | ND | ND |

SB-20

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | ND | 330 J | 120 J | 1,400 |
| 15 | ND | 100 J | ND | 1,100 |

SB-25

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 150 | 6.9 | 4.9 | 5.4 |
| 15 | 680 | 71 | 2.5 J | ND |

## Legend

- Approximate Soil Sample Location, EEC Environenmental, October 2020
- Structure Footprint
- Approximate Site Boundary
- **PCE** Tetrachloroethene
- **TCE** Trichloroethene

**Depth** in feet below ground surface

**ug/m$^3$** micrograms per cubic meter

**--** not analyzed

**ND<3.3** not detected above the method or reporting limit

**J** estimated value; concentration above the method detection limit but below the reporting limit

**RED** At or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019

Plate 4

Leighton

# SELECTED VOLATILE ORGANIC COMPOUNDS DETECTED IN SOIL VAPOR SAMPLES IN µg/m3 BY EEC IN OCTOBER 2020

2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 30 feet | Date: July 2021 |

Base Map: ESRI ArcGIS Online 2021

Author: Leighton Geomatics (kmanchikanti)

N

0 30 60

Feet

© 2021 Maxar Geospatial © 2021 Maxar GEOEye (2021) Microsoft Azure

Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P04_SP_2021-07-13.mxd on 7/14/2021 12:55:08 PM

LV-2

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 20 | 140 | 350 | 40 | ND < 100 |
| 35 | 120 | 340 | 60 | ND < 100 |

LV-1

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 20 | 120 | 430 | ND < 100 | ND < 100 |
| 35 | 32 | 390 | ND < 100 | ND < 100 |

LV-3

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 10 | 230 | 1,100 | 2,700 | 5,500 |
| 15 | 230 | 1,500 | 4,200 | 9,700 |
| 35 | 400 | 270 | 2,900 | 11,000 |

LV-5

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 20 | 1,500 | 640 | ND < 100 | ND < 100 |
| 34 | 330 | 790 | ND < 100 | 380 |

LV-6

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 20 | 710 | 580 | 230 | 200 |
| 35 | 88 | 840 | 590 | 970 |

LV-9

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 6 | 3,500 | 530 | 110 | ND < 100 |
| 6-D | 4,100 | 640 | 120 | ND < 100 |
| 15 | 6,800 | 2,900 | 1,400 | 280 |
| 35 | ND < 20 | 600 | 2,400 | 6,800 |

LV-7

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 7 | 350 | 580 | 650 | ND < 100 |
| 15 | 570 | 1,400 | 2,300 | 360 |
| 15-D | 630 | 1,500 | 2,900 | 450 |
| 35 | 38 | 830 | 3,600 | 3,800 |

LV-4

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 5 | 450 | 3,800 | 1,400 | 250 |
| 14 | ND < 20 | 10,000 | 1,800 | 6,500 |
| 35 | ND < 20 | 31 | 3,000 | 16,000 |

LV-8

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 5 | 82 | 390 | 2,100 | 540 |
| 15 | 44 | 1,000 | 6,500 | 6,400 |
| 35 | ND < 20 | 170 | 5,300 | 5,800 |

LV-10

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 6 | 6,000 | 210 | ND < 100 | ND < 100 |
| 15 | 2,300 | 330 | 170 | ND < 100 |
| 35 | 250 | 550 | 1,400 | 220 |

LV-1 LV-2 LV-3 LV-4 LV-5 LV-6 LV-7 LV-8 LV-9 LV-10 LV-11 LV-12 LV-13 LV-14A LV-14B LV-15 LV-16 LV-17 LV-18 LV-19 LV-20

## Legend

- ▲ Approximate Soil Sample Location, Leighton Consulting, Inc., June 2021
- Structure Footprint
- Approximate Site Boundary
- **PCE** Tetrachloroethene
- **TCE** Trichloroethene
- **1,1-DCA** 1,1-Dichloroethane
- **cis-1,2-DCE** cis-1,2-Dichloroethene
- **RED** At or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019

- **Depth** in feet below ground surface
- **ug/m$^3$** micrograms per cubic meter
- **--** not analyzed
- **ND<3.3** not detected above the method or reporting limit
- **J** estimated value; concentration above the method detection limit but below the reporting limit

Plate 5

Leighton

SELECTED VOLATILE ORGANIC COMPOUNDS IN µg/m3 DETECTED IN LEIGHTON SOIL VAPOR SAMPLES, JUNE 2021
2200 N. Rosemead Blvd., South El Monte, California

| Project: 13111.001 | Eng/Geol: MH/RJF |
|---|---|
| Scale: 1 " = 30 feet | Date: July 2021 |

Base Map: ESRI ArcGIS Online 2021
Author: Leighton Geomatics (kmanchikanti)

N

0 30 60
Feet

© 2021 Maxar Geospatial © 2021 Esri (USGS, 2021) Microsoft Azure Bing

Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P05_SP_2021-07-13.mxd on 7/14/2021 12:56:23 PM

# APPENDIX A

# MARCH 17, 1998 LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD NO FURTHER REQUIREMENTS LETTER

Leighton

NFR

Cal/EPA

Pete Wilson
*Governor*

**Los Angeles Regional Water Quality Control Board**

101 Centre Plaza Drive
Monterey Park, CA
91754-2156
(213) 266-7500
FAX (213) 266-7600

March 17, 1998

Mr. Gary Mearns
Former Pacific Coast Drum Co.
P.O. Box 3593
South El Monte, CA 91733

SAN GABRIEL VALLEY CLEANUP PROGRAM - NO FURTHER REQUIREMENTS, FORMER PACIFIC COAST DRUM CO., 2200 ROSEMEAD BLVD., SOUTH EL MONTE, CA (FILE NO. 107.0266)

Recent review of files and documents pertaining to this case revealed the following:

1. Based on past inspections by Regional Board staff, areas of concern at the site included: 1) a former gasoline underground storage tank (UST); 2) a drum storage area along the eastern portion of the site; 3) a drum storage area along the southern portion of the site; 4) one clarifier and three sumps; and 5) a drum storage area in the northeast corner of the site.

2. The 12,000-gallon UST was removed and closed by Los Angeles County Department of Public Works in October 1986.

3. In November 1988, a soil assessment was performed and results were submitted by Conservtech in a report dated December 5, 1988. Three borings to a maximum depth of 50 feet below ground surface (bgs) were drilled near the clarifier and sumps area. Maximum concentrations of acetone (1,150 ug/kg) were detected to five feet bgs; and TPH (60 mg/kg) was detected to 40 feet bgs. Two borings were converted to monitoring wells (MW-1 and 2).

4. In August 1990, one monitoring well (MW-3) was installed in the former drum storage area in the northeast corner of the site, and results were submitted by Conservtech in a report dated September 4, 1990. Maximum concentrations of 1,2-DCA (780 ug/kg) and methylene chloride (900 ug/kg) were detected in soil to 30 feet bgs.

5. In September 1991, a soil gas survey was performed and results were submitted by Inland Empire Environmental Service in a report dated October 7, 1991. A total of eighty-five (85) 5-foot probes were installed. Low concentrations of methane and vinyl chloride were detected in the probes. However, QA/QC problems were found in the survey data and results are questionable.

6. In August 1994, a soil assessment was performed and results were submitted by Conservtech in a report dated January 12, 1995. A total of sixteen (16) 10-foot borings were drilled in the entire site. Maximum concentrations of 1,1-DCA (5 ug/kg), PCE (150 ug/kg), and TCE (20 ug/kg) were detected to five feet bgs near the **sumps and clarifier area**.

7. In March 1995, a soil gas survey was performed and results were submitted by EST in a report dated April 5, 1995. Four nested probes, each with probes at 1, 15, and 25 feet bgs, were installed near the **sumps and clarifier area**. Maximum concentrations of 1,1-DCA (50 ug/l), c-1,2-DCE (55 ug/l), PCE (134 ug/l), and TCE (38 ug/l) were detected in the probes.

8. In August 1995, a soil gas survey was performed and results were submitted by EST in a report dated September 6, 1995. Four nested probes, each with probes at 1, and 15 feet bgs, were installed in the **former drum storage area to the northeast corner of the site**. Maximum concentrations of DCE (12 ug/l), PCE (241 ug/l) and TCE (21 ug/l) were detected in the probes.

9. In January 1996, a soil gas survey was performed and results were submitted by EST in a report dated February 14, 1996. Four nested probes, each with probes at 1, and 15 feet bgs, were installed in the **former drum storage area to the northeast corner of the site**. Maximum concentrations of BTEX (466 ug/l of total xylenes), PCE (117 ug/l) and TCE (14 ug/l) were detected in the probes.

10. Between April 18, 1997 and January 29, 1998, a total of four nested probes, each with probes at approximately 15 and 20 feet bgs, were sampled to monitor the trend of VOC vapor concentrations in the vadose zone. Based on a total of four sets of vapor monitoring data, PCE, the compound detected at the highest concentrations, reduced from 241 ug/l to 38 ug/l and became stabilized over the monitoring period.

11. Three monitoring wells have been installed and sampled seven times since September 1990. Maximum concentrations of 1,1-DCA (592 ug/l), 1,1-DCE (28 ug/l), 1,2-DCE (1,050 ug/l), PCE (285 ug/l), TCA (89 ug/l), and TCE (215 ug/l) were detected in the groundwater. Highest VOC concentrations were detected in the monitoring well near the **sumps and clarifier area** (MW-2). Depth to groundwater was measured in February 1997 at approximately 21 feet bgs.

12. The subject facility has been notified by the United States Environmental Protection Agency (USEPA) to join the regional groundwater cleanup program.

The above site assessment data demonstrated that releases of liquid wastes from the subject site impacted the soil and groundwater beneath the site. A soil cleanup was not required. Instead, four nested soil vapor probes were sampled four times between April 1997 and January 1998 to monitor the trend of VOC vapor concentrations in the vadose zone between over a year. Such monitoring data suggested that residual VOC concentrations in the vadose zone stabilized or declined over the monitoring period. Therefore, we do not believe that further vapor monitoring is warranted. To date, the subject site has completed Regional Board staff requirements and we will not require any further remedial and investigative work with regarding to the soil contamination.

**Because past operations have impacted groundwater beneath this facility, you remain a potentially responsible party for the regional groundwater cleanup which is being led by USEPA. This Regional Board encourages you to continue to participate and cooperate in the ongoing regional groundwater cleanup. Sampling of the three existing groundwater monitoring wells required by this Regional Board can be discontinued. However, all monitoring wells must be properly maintained and made available for possible future sampling that may be required by USEPA.**

The jurisdiction requirements of other agencies, such as the USEPA, are not affected by this Regional Board's "no further requirement" decision. Such agencies may choose to make their own decisions regarding the groundwater contamination in the region.

ARTHUR G. HEATH, Ph.D.
Environmental Specialist IV

cc: Ms. Bella Dizon, U.S. EPA, Region IX

# APPENDIX B

# HISTORICAL DATA TABLES

Leighton

**Table C1.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - METALS
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | STLC Chromium (mg/L) | TCLP Chromium (mg/L) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | STLC Copper (mg/L) | Total Lead (mg/Kg) | STLC Lead (mg/L) | TCLP Lead (mg/L) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | | | | | | USEPA 7471A |
| *SFBRWQCB Commercial Screening Level (a)* | | | | *160* | *12 (b)* | *220,000* | *6,900* | *4,000* | *1,800,000* | | | *6,200* | *1,900* | *47,000* | | *380* | | | *5,800* | *64,000* | *5,800* | *5,800* | *12* | *5,800* | *350,000* | *190* |
| *STLC (mg/L)* | | | | | | | | | | *5* | | | | | *25* | | | | | | | | | | | |
| *TCLP (mg/L)* | | | | | | | | | | | *5* | | | | | | | *5* | | | | | | | | |
| *TTLC (mg/kg)* | | | | *500* | *500* | *10,000* | *75* | *100* | *2,500* | | | | *8,000* | *2,500* | | *1000* | | | *3,500* | *2,000* | *100* | *500* | *700* | *2,400* | *5,000* | *20* |
| SB-1 | 2 | 8/22/2020 | EEC | 1.8 J | 11 | 200 | 0.60 | <0.51 | 27 | -- | -- | -- | 13 | 73 | -- | 18 | -- | -- | 0.98 J | 22 | <3.0 | <0.51 | <3.0 | 49 | 74 | <0.13 |
| SB-2 | 2 | 8/22/2020 | EEC | <3.1 | 6.8 | 140 | 0.53 | <0.51 | 18 | -- | -- | -- | 8.7 | 28 | -- | 8.1 | -- | -- | <1.0 | 14 | <3.1 | <0.51 | <3.1 | 38 | 48 | 0.38 |
| SB-3 | 2 | 8/21/2020 | EEC | 1.8 J | 9.6 | 230 | 0.68 | <0.51 | 33 | -- | -- | -- | 15 | 39 | -- | 10 | -- | -- | <1.0 | 28 | <3.1 | <0.51 | <3.1 | 53 | 80 | 0.066 J |
| SB-4 | 2 | 8/21/2020 | EEC | 1.9 J | 7.4 | 200 | 0.64 | <0.51 | 32 | -- | -- | -- | 14 | 42 | -- | 10 | -- | -- | <1.0 | 26 | <3.0 | <0.51 | <3.0 | 50 | 75 | 0.055 J |
| SB-5 | 2 | 8/21/2020 | EEC | <2.9 | 8.6 | 160 | 0.47 J | <0.51 | 24 | -- | -- | -- | 10 | 30 | -- | 7.2 | -- | -- | <0.97 | 20 | <2.9 | <0.49 | <2.9 | 41 | 54 | 0.069 J |
| SB-6 | 2 | 8/22/2020 | EEC | <2.8 | 3.3 | 79 | 0.26 J | <0.46 | 12 | -- | -- | -- | 6.4 | 20 | -- | 6.2 | -- | -- | 0.87 J | 9.5 | <2.8 | <0.46 | <2.8 | 25 | 37 | <0.13 |
| SB-7 | 2 | 8/22/2020 | EEC | <3.0 | 3.9 | 74 | 0.50 | <0.50 | 12 | -- | -- | -- | 5.5 | 9.9 | -- | 4.8 | -- | -- | <0.99 | 7.8 | <3.0 | <0.50 | <3.0 | 33 | 33 | 0.050 J |
| SB-8 | 2 | 8/21/2020 | EEC | 1.7 J | 4.6 | 170 | 0.37 J | <0.49 | 20 | -- | -- | -- | 9.3 | 43 | -- | 25 | -- | -- | <0.97 | 16 | <2.9 | <0.49 | <2.9 | 37 | 65 | 0.14 |
| SB-9 | 2 | 8/21/2020 | EEC | <3.0 | 5.4 | 190 | 0.66 | <0.50 | 30 | -- | -- | -- | 13 | 36 | -- | 8.5 | -- | -- | <0.99 | 23 | <3.0 | <0.50 | <3.0 | 49 | 69 | 0.063 J |
| SB-10 | 5 | 8/21/2020 | EEC | 2.7 J | 18 | 170 | 0.55 | <0.46 | 25 | -- | -- | -- | 10 | 24 | -- | 8.4 | -- | -- | <0.93 | 18 | <2.8 | <0.46 | <2.8 | 47 | 60 | <0.13 |
| | 10 | 8/21/2020 | EEC | -- | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | EEC | 19 | 6.4 | 180 | 0.34 J | 1.0 | 88 | -- | -- | -- | 10 | 61 | -- | 2,400 | -- | -- | 11 | 15 | <2.8 | 0.28 J | <2.8 | 37 | 160 | 0.86 |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | EEC | 1.7 J | 6.6 | 200 | 0.55 | <0.50 | 26 | -- | -- | -- | 13 | 30 | -- | 8.3 | -- | -- | 0.80 J | 21 | <3.0 | <0.50 | <3.0 | 47 | 65 | 0.074 J |
| SB-13 | 2 | 8/21/2020 | EEC | 29 | 7.9 | 310 | 0.42 J | 0.81 | 110 | -- | -- | -- | 8.1 | 54 | -- | 2,300 | -- | -- | 18 | 16 | <3.2 | 1.4 | <3.2 | 28 | 110 | 0.33 |
| | 15 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-14 | 5 | 8/21/2020 | EEC | <2.8 | 9.7 | 150 | 0.47 | <0.47 | 23 | -- | -- | -- | 9.9 | 25 | -- | 31 | -- | -- | <0.94 | 17 | <2.8 | <0.47 | <2.8 | 39 | 52 | <0.12 |
| SB-15 | 2 | 8/22/2020 | EEC | 4.8 | 7.9 | 110 | 0.23 J | 0.98 | 38 | -- | -- | -- | 7.2 | 38 | -- | 390 | -- | -- | 4.0 | 17 | <3.2 | 0.90 | <3.2 | 24 | 140 | 0.32 |
| | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | EEC | 13 | 8.1 | 2,200 | 0.32 J | 15 | 2,000 | -- | -- | -- | 31 | 230 | -- | 13,000 | -- | -- | 91 | 36 | <3.1 | 0.34 J | <3.1 | 31 | 1,100 | 1.1 |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-17 | 2 | 8/22/2020 | EEC | 1.6 | 4.8 | 130 | 0.40 J | <0.49 | 19 | -- | -- | -- | 9.7 | 35 | -- | 11 | -- | -- | 5.8 | 16 | <2.9 | <0.49 | <2.9 | 38 | 58 | 0.047 J |
| | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | EEC | <3.0 | 1.6 | 29 | 0.19 J | <0.50 | 6.6 | -- | -- | -- | 3.8 | 8.9 | -- | 4.5 | -- | -- | <1.0 | 5.0 | <3.0 | <0.50 | <3.0 | 19 | 24 | 0.076 J |
| SB-19 | 2 | 8/21/2020 | EEC | 79 | 21 | 840 | 0.28 J | 4.0 | 5,100 | -- | -- | -- | 35 | 920 | -- | 26,000 | -- | -- | 480 | 120 | <2.8 | <0.47 | 1.6 J | 12 | 830 | 2.3 |
| | 5 | 8/21/2020 | EEC | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | EEC | 6.9 | 3.2 | 400 | 0.20 J | 0.13 J | 28 | -- | -- | -- | 6.5 | 23 | -- | 520 | -- | -- | 5.0 | 8.6 | <3.1 | <0.51 | <3.1 | 25 | 74 | 0.081 J |
| | 5 | 8/21/2020 | EEC | | | | | | | -- | -- | -- | | | -- | 7.8 | | | | | | | | | | |
| SB-21 | 2 | 8/21/2020 | EEC | <2.9 | 5.0 | 110 | 0.38 J | <0.48 | 18 | -- | -- | -- | 8.3 | 18 | -- | 5.9 | -- | -- | <0.96 | 14 | <2.9 | <0.48 | <2.9 | 36 | 43 | <0.14 |
| SB-22 | 2 | 8/21/2020 | EEC | <2.8 | 3.3 | 110 | 0.19 J | 0.19 J | 13 | -- | -- | -- | 6.1 | 18 | -- | 50 | -- | -- | <0.94 | 8.4 | <2.8 | <0.47 | <2.8 | 24 | 45 | 0.055 J |
| SB-23 | 2 | 8/21/2020 | EEC | 730 | 23 | 280 | 0.40 J | 5.0 | 180 | -- | -- | -- | 17 | 110 | -- | 4,100 | -- | -- | 36 | 26 | <2.8 | 0.59 | <2.8 | 26 | 540 | 0.91 |
| | 5 | 8/21/2020 | EEC | 1.7 J | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | EEC | 4.0 | 5.3 | 110 | 0.37 J | <0.46 | 17 | -- | -- | -- | 7.8 | 22 | -- | 140 | -- | -- | <0.93 | 13 | <2.8 | <0.46 | <2.8 | 35 | 66 | 0.041 J |
| SB-25 | 2 | 8/21/2020 | EEC | 1.6 J | 7.0 | 110 | 0.37 J | <0.47 | 18 | -- | -- | -- | 8.4 | 23 | -- | 110 | -- | -- | <0.93 | 14 | <2.8 | <0.47 | <2.8 | 37 | 100 | 0.097 J |
| SB-26 | 2 | 8/21/2020 | EEC | 1.9 J | 14 | 270 | 0.65 | <0.50 | 30 | -- | -- | -- | 14 | 34 | -- | 9.3 | -- | -- | <0.99 | 24 | <3.0 | <0.50 | <3.0 | 54 | 72 | 0.051 J |
| | 5 | 8/21/2020 | EEC | -- | 6.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | EEC | <3.1 | 2.2 | 77 | 0.18 J | 0.12 J | 18 | -- | -- | -- | 5.2 | 15 | -- | 100 | -- | -- | 0.70 J | 14 | <3.1 | 5.1 | <3.1 | 25 | 77 | 0.080 J |
| SB-28 | 2 | 8/21/2020 | EEC | <3.2 | 3.1 | 76 | 0.48 J | <0.53 | 15 | -- | -- | -- | 4.9 | 11 | -- | 15 | -- | -- | 0.94 J | 9.3 | <3.2 | <0.53 | <3.2 | 31 | 34 | 0.11 J |
| SB-29 | 2 | 8/21/2020 | EEC | <2.6 | 2.1 | 74 | 0.16 J | <0.44 | 15 | -- | -- | -- | 4.5 | 9.3 | -- | 47 | -- | -- | <0.88 | 14 | <2.6 | 0.20 J | <2.6 | 27 | 46 | 0.048 J |
| SB-30 | 2 | 8/22/2020 | EEC | <3.3 | 2.7 | 59 | 0.25 J | <0.56 | 8.7 | -- | -- | -- | 3.8 | 9.8 | -- | 6.1 | -- | -- | <0.66 | 7.0 | <3.3 | <3.3 | <3.3 | 20 | 27 | <0.12 |
| SB-31 | 2 | 8/22/2020 | EEC | <2.6 | 5.0 | 85 | 0.67 | <0.43 | 19 | -- | -- | | 9.3 | 32 | -- | 19 | -- | -- | <0.86 | 15 | <2.6 | <0.43 | <2.6 | 44 | 63 | 0.058 J |
| SB-32 | 2 | 8/22/2020 | EEC | <3.3 | 4.3 | 87 | 0.36 J | <0.56 | 12 | -- | -- | | 6.7 | 19 | -- | 12 | -- | -- | <1.1 | 14 | <3.3 | <0.56 | <3.3 | 34 | 49 | 0.055 J |
| SB-33 | 2 | 8/22/2020 | EEC | <2.7 | 6.9 | 170 | 0.55 | <0.45 | 24 | -- | -- | | 11 | 47 | -- | 12 | -- | -- | <0.89 | 18 | <2.7 | <0.45 | <2.7 | 45 | 68 | <0.13 |
| EFI1-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 62.7 | 3.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI2-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 791 | 18.7 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI3-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI4-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 137 | 27.4 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI5-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 686 | 57.8 | 2.05 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 13.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 36.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 506 | 10.4 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 41.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 702 | 758.0 | 27.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 57.2 | 6.51 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 71 | 0.685 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 6.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 39.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 34.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 92.4 | 66.2 | 2.57 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 19,900 | -- | 8.32 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 662 | 1170 | 78.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 97.3 | 3.93 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 668 | 16.2 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 11.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 23.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 15.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 10.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 9,790 | -- | 1.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 111 | 1.75 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | | -- | -- | -- | 30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Table C1.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - METALS
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | STLC Chromium (mg/L) | TCLP Chromium (mg/L) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | STLC Copper (mg/L) | Total Lead (mg/Kg) | STLC Lead (mg/L) | TCLP Lead (mg/L) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | | | | | | USEPA 7471A |
| *SFBRWQCB Commercial Screening Level (a)* | | | | *160* | *12 (b)* | *220,000* | *6,900* | *4,000* | *1,800,000* | | | *6,200* | *1,900* | *47,000* | | *380* | | | *5,800* | *64,000* | *5,800* | *5,800* | *12* | *5,800* | *350,000* | *190* |
| *STLC (mg/L)* | | | | | | | | | | *5* | | | | | *25* | | | | | | | | | | | |
| *TCLP (mg/L)* | | | | | | | | | | | *5* | | | | | | | *5* | | | | | | | | |
| *TTLC (mg/kg)* | | | | *500* | *500* | *10,000* | *75* | *100* | *2,500* | | | | *8,000* | *2,500* | | *1000* | | | *3,500* | *2,000* | *100* | *500* | *700* | *2,400* | *5,000* | *20* |
| B9-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | 32.5 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 24.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 170 | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4,470 | -- | 3.79 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 52.8 | 315 | 24.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1,210 | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 775 | 4.43 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 473 | 14.1 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 61.5 | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2,330 | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 306 | 14.8 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Notes:
-- = not analyzed
(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
(b) = Department of Toxic Substances Control (DTSC) Screening Level for Industrial Soils; June 2020
J = Estimated value; concentration above the method detection limit but below the reporting limit
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
< 2.6 = not detected above the method detection limit or reporting limit
EEC = EEC Environmental

EFI = EFI Global
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure
RED = Exceeds Commercial Screening Level for Soil
= Manage corresponding sample as Non-RCRA Hazardous Waste
= Manage corresponding sample as RCRA Hazardous Waste

**Table C2.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - POLYCHLORINATED BIPHENYLS in µg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* |
| SB-1 | 2 | 8/22/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-4 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-10 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-11 | 2 | 8/21/2020 | EEC | <250 | <250 | <250 | <250 | <250 | **1,900** | <250 | <250 | <250 |
| | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 15 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-12 | 2 | 8/21/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-13 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 790 H | <50 | <50 | <50 |
| SB-14 | 2 | 8/21/2020 | EEC | <1,200 | <1,200 | <1,200 | <1,200 | <1,200 | **22,000** | <1,200 | <1,200 | <1,200 |
| | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 15 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-15 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 290 J | <50 | <50 | <50 |
| SB-16 | 2 | 8/21/2020 | EEC | <1,000 | <1,000 | <1,000 | <1,000 | <1,000 | **22,000 H** | <1,000 | <1,000 | <1,000 |
| | 5 | 8/21/2020 | EEC | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| SB-17 | 2 | 8/22/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-20 | 2 | 8/21/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-27 | 2 | 8/21/2020 | EEC | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 |
| SB-30 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| B1-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 917 | 380 | ND | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 66.7 | 83.8 | ND | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **2,870** | 729 | ND | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 193 | ND | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 436 | 216 | ND | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **1,020** | **1,140** | ND | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 98.2 | 78.6 | ND | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **3,990** | **2,140** | ND | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 72.5 | ND | ND | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 282 | ND | ND | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 906 | 129 | ND | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **2,210** | 181 | ND | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **2,920** | **2,450** | ND | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **26,200** | 368 | ND | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 414 | ND | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **30,600** | **2,630** | ND | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 75.7 | ND | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **1,170** | ND | ND | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 162 | ND | ND | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **5,890** | 354 | ND | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 752 | 337 | ND | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |

**Table C2.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - POLYCHLORINATED BIPHENYLS in µg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***SFBRWQCB Commercial Screening Levels [a]*** | | | | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** |
| | | | | | | | | | | | | |
| B15-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 116 | ND | ND | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 278 | 96.4 | ND | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 265 | 117 | ND | -- |
| | | | | | | | | | | | | |
| B16-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |

Key:
-- = not analyzed
(a) = San Francisco Bay Regiol Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
J = Estimated value; concentration above the method detection limit but below the reporting limit
ug/kg = micrograms per kilogram
< 50 or ND = not detected above the method detection limit or reporting limit
EEC = EEC Environmental
EFI = EFI Global
**RED** = at or exceeds commercial ESL

**TABLE C3.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/kg and TOTAL PETROLEUM HYDROCARBONS (TPH) in mg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| ***SFBRWQCB Commercial Screening Levels [a]*** | | | | ***2,700*** | ***6,100*** | ***85,000*** | ***600,000*** | ***350,000*** | ***150*** | ***1,400*** | ***5,300,000*** | ***26,000*** | ***2,500,000*** | ***11,000*** | ***1,510,000*** | ***16,000*** | ***670,000,000*** | ***30,000*** | ***200,000,000*** | ***9,900,000*** | ***140,000,000*** | ***210,000*** | ***17,000*** | --- | ***2,000*** | ***1,200*** | ***180,000*** |
| HP-1 | 10 | 9/18/2020 | EEC | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 3.3 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 4.2 J | 0.64 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 0.99 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | <110 | <5.4 | <5.4 | <5.4 | <5.4 | Methylene Chloride = 3.7 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 1.8 J | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | 0.32 J | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | <120 | <6.1 | <120 | <6.1 | <6.1 | <6.1 | <6.1 | Methylene Chloride = 2.8 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | <96 | <4.8 | <4.8 | <4.8 | <4.8 | Methylene Chloride = 2.6 B,J | -- | -- | -- |
| HP-2 | 10 | 9/18/2020 | EEC | 5.3 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | <91 | <4.5 | <4.5 | <4.5 | <4.5 | Methylene Chloride = 2.7 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 3.1 J | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <120 | <5.8 | <120 | <5.8 | <5.8 | <5.8 | <5.8 | Methylene Chloride = 2.4 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 1.6 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 0.52 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | <110 | <5.4 | <5.4 | <5.4 | <5.4 | Methylene Chloride = 2.5 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | 1.9 J | 2.0 J | 3.3 J | <5.1 | <5.1 | <5.1 | 0.29 J | 0.98 J | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | <100 | <5.1 | <100 | <5.1 | <5.1 | <5.1 | <5.1 | Methylene Chloride = 2.1 B,J | -- | -- | -- |
| HP-3 | 10 | 9/18/2020 | EEC | 14 | 1.7 J | <6.6 | <6.6 | <6.6 | <6.6 | 1.0 J | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <130 | <6.6 | <130 | <6.6 | <6.6 | <6.6 | <6.6 | Methylene Chloride = 1.8 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 1.1 J | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 1.6 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 0.74 J | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <110 | <5.6 | <110 | <5.6 | <5.6 | <5.6 | <5.6 | Methylene Chloride = 1.7 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | 2.9 J | 15 | 5.7 | 0.30 J | <4.1 | <4.1 | 0.83 J | <4.1 | <4.1 | <4.1 | <4.1 | <4.1 | 2.7 J | <82 | <4.1 | 4.2 J | <4.1 | <4.1 | <4.1 | <4.1 | Methylene Chloride = 1.2 B,J | -- | -- | -- |
| HP-4 | 10 | 9/18/2020 | EEC | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 0.94 J | <5.3 | 0.35 J | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 1.3 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 0.60 J | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <110 | <5.7 | <110 | <5.7 | <5.7 | <5.7 | <5.7 | ND | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | <5.1 | 0.63 J | 33 | 0.69 J | 0.43 J | 0.77 J | 0.39 J | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | 13 | <100 | <5.1 | 4.9 J | <5.1 | <5.1 | 1.9 J | <5.1 | Methylene Chloride = 0.95 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | <4.3 | 0.87 J | 15 | <4.3 | 0.23 J | <4.3 | 0.41 J | <4.3 | <4.3 | <4.3 | <4.3 | <4.3 | 5 | <86 | <4.3 | 5.0 J | <4.3 | <4.3 | 1.1 J | <4.3 | Methylene Chloride = 0.57 B,J | -- | -- | -- |
| SB-1 | 2 | 8/22/2020 | EEC | 0.40 J | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 3.7 J | 2.5 J | 0.47 J | 0.99 J | <3.9 | <3.9 | <3.9 | <78 | <3.9 | 4.1 J | <3.9 | <3.9 | <3.9 | 0.21 J | ND | <10 | <10 | 49 B |
| | 5 | 8/22/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.57 J | 0.22 J | 0.21 J | 1.1 J | <4.5 | <4.5 | <4.5 | <89 | <4.5 | 3.7 J | <4.5 | <4.5 | <4.5 | 0.16 J | ND | <10 | <10 | 8.9 B,J |
| SB-2 | 2 | 8/22/2020 | EEC | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 9.2 | 5.9 | 0.89 J | 1.5 J | <4.9 | <4.9 | <4.9 | 110 | <4.9 | 15 J | <4.9 | <4.9 | <4.9 | 0.37 J | ND | <10 | <10 | 16 B |
| | 5 | 8/22/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 9.8 | 4.6 J | 0.61 J | 0.91 J | <5.0 | <5.0 | <5.0 | 68 J | <5.0 | 8.7 J | <5.0 | <5.0 | <5.0 | <5.0 | ND | <10 | <10 | <10 |
| SB-3 | 10 | 8/21/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.91 J | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | 1.5 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | <10 | <10 |
| | 15 | 8/21/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 0.28 J | 0.26 J | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <110 | <5.7 | 2.0 J | <5.7 | <5.7 | <5.7 | <5.7 | ND | <9.9 | <9.9 | <9.9 |
| SB-4 | 2 | 8/21/2020 | EEC | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 6.4 | 3.2 J | 0.49 J | 1.2 J | <4.8 | <4.8 | <4.8 | 63 J | <4.8 | 10 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | 22 B |
| | 5 | 8/21/2020 | EEC | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 | 4.0 J | 0.36 J | 0.77 J | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 J | <4.2 | <4.2 | <4.2 | <4.2 | ND | <9.9 | <9.9 | 32 B |
| SB-5 | 2 | 8/21/2020 | EEC | 1.5 J | 0.26 J | <5.3 | <5.3 | <5.3 | <5.3 | 13 | 25 | 2.5 J | 8.4 J | <5.3 | <5.3 | <5.3 | 140 | <5.3 | 15 J | <5.3 | 1.7 J | <5.3 | <5.3 | ND | <10 | <10 | 70 |
| | 5 | 8/21/2020 | EEC | 0.35 J | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 0.96 J | 8.0 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 4.3 J | <4.9 | <4.9 | <4.9 | <4.9 | ND | <10 | <10 | 4.9 B,J |
| SB-6 | 2 | 8/22/2020 | EEC | 0.59 J | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 7.8 | 6.3 | 1.1 J | 1.8 J | 0.27 J | <3.9 | <3.9 | 77 J | <3.9 | 8.7 J | <3.9 | <3.9 | <3.9 | 0.19 J | ND | <10 | <10 | <10 |
| | 5 | 8/22/2020 | EEC | 0.64 J | 1.0 J | <6.4 | <6.4 | <6.4 | <6.4 | 2.9 J | 0.65 J | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 7.5 J | <6.4 | <6.4 | <6.4 | <6.4 | ND | <10 | <10 | <10 |
| SB-7 | 2 | 8/22/2020 | EEC | 0.40 J | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 0.22 J | <5.0 | 0.24 J | 1.6 J | <5.0 | <5.0 | 92 J | 3.0 J | 15 J | <5.0 | <5.0 | <5.0 | <5.0 | ND | <20 | <20 | 50 B |
| | 5 | 8/22/2020 | EEC | 7.1 | 2.9 J | <4.5 | <4.5 | <4.5 | <4.5 | 5.8 | 4.5 | 0.77 J | 1.1 J | <4.5 | <4.5 | <4.5 | 130 | 2.3 J | 9.2 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | 4.5 J | <10 |
| SB-8 | 2 | 8/21/2020 | EEC | 0.35 J | 1.2 J | <4.0 | <4.0 | <4.0 | <4.0 | 4.9 | 3.7 J | 1.4 J | 3.9 J | 3.8 J | 2.5 J | <4.0 | 190 | <4.0 | 28 J | 0.95 J | <4.0 | <4.0 | 0.59 B,J | 1,1,2,2-TCE = 12; Propylbenzene = 0.62 J; sec-Butylbenzene = 0.43 J; para-Isopropyl Toluene = 1.3 J; n-Butylbenzene = 0.77 J | <50 | 100 | 1,400 |
| | 5 | 8/21/2020 | EEC | 0.87 J | 0.74 J | <4.1 | <4.1 | <4.1 | <4.1 | 13 | 11 | 1.9 J | 2.9 J | 0.33 J | <4.1 | <4.1 | 50 J | <4.1 | 8.8 J | <4.1 | <4.1 | <4.1 | 0.17 B,J | ND | <9.9 | <9.9 | 5.7 B,J |
| SB-9 | 2 | 8/21/2020 | EEC | <4.8 | 0.30 J | <4.8 | <4.8 | <4.8 | <4.8 | 14 | 9.3 | 1.4 J | 2.1 J | 0.30 J | <4.8 | <4.8 | 120 | <4.8 | 18 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | 4.2 J | 4.4 J | 0.93 J | 1.8 J | 0.30 J | <5.1 | <5.1 | <5.1 | <5.1 | 5.5 J | <5.1 | 0.74 J | <5.1 | 0.30 B,J | ND | <10 | <10 | 4.5 J |
| SB-10 | 2 | 8/21/2020 | EEC | 1.3 J | 2.8 J | <5.6 | <5.6 | <5.6 | <5.6 | 8.0 | 6.3 | 1.2 J | 3.1 J | <5.6 | <5.6 | <5.6 | 190 | 2.8 J | 17 J | <5.6 | 0.69 J | <5.6 | 0.24 B,J | TBA = 10 | <110 | 180 | 850 |
| | 5 | 8/21/2020 | EEC | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 6.7 | 6.2 | 1.3 J | 2.2 J | <4.9 | <4.9 | <4.9 | <98 | <4.9 | 7.2 J | <4.9 | <4.9 | <4.9 | <4.9 | ND | <10 | <10 | 12 |
| SB-11 | 2 | 8/21/2020 | EEC | 230 J | 390 | 640 | 36 J | <240 | 100 J | 15 J | 5,700 | 330 | 2,800 | 1,100 | 610 | 46 J | 1,400 B, J | 200 B,J | 880 J | 47 J | 1,300 | <240 | 360 J | Chloromethane = 40 B,J; 1,1,1-TCA = 27 J; 1,2-DCA = 21 J; Chlorobenzene = 7.8 J; Propylbenzene = 88 J | 27 J | 350 | 1,100 |
| | 5 | 8/21/2020 | EEC | <4.2 | 2.4 J | 3.7 J | <4.2 | <4.2 | 0.94 J | 8.6 | 8.8 | 2.0 J | 3.3 J | 0.43 J | <4.2 | 0.74 J | 75 J | <4.2 | 12 J | <4.2 | 6.2 | 0.85 J | <4.2 | TBA = 66 | <10 | 4.2 J | <10 |
| SB-12 | 2 | 8/21/2000 | EEC | <4.4 | 1.7 J | 2.4 J | <4.4 | <4.4 | <4.4 | 20 | 20 | 4.5 | 8.0 J | 0.85 J | <4.4 | <4.4 | 49 J | <4.4 | 10 J | 0.43 J | <4.4 | <4.4 | 0.77 J | Propylbenzene = 0.43 J | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | 0.48 J | 6.0 | 8.8 | <3.6 | <3.6 | <3.6 | 5.9 | 3.2 J | 0.48 J | 0.23 J | <3.6 | <3.6 | 0.39 J | 48 J | <3.6 | 8.2 J | <3.6 | <3.6 | <3.6 | <3.6 | ND | <10 | <10 | <10 |
| SB-13 | 2 | 8/21/2020 | EEC | 1.1 J | 2.6 J | <4.8 | <4.8 | <4.8 | <4.8 | 1.4 J | 1.5 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 200 | <4.8 | 20 J | 78 | <4.8 | <4.8 | <4.8 | TBA = 12; Styrene = 2.4 J | <50 | 80 | 390 |
| | 5 | 8/21/2020 | EEC | <4.5 | 2.1 J | 1.5 J | <4.5 | <4.5 | <4.5 | 9.2 | 6.6 | 1.4 J | 2.3 J | <4.5 | <4.5 | <4.5 | 110 | <4.5 | 13 J | 2.1 J | <4.5 | <4.5 | <4.5 | TBA = 9.9 | <10 | <10 | <10 |
| | 10 | 8/21/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 3.3 J | 2.4 J | 0.53 J | 0.29 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | 5.1 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | <10 | <10 |
| SB-14 | 2 | 8/21/2020 | EEC | 18 | 8.9 | <6.0 | <6.0 | 0.23 J | <6.0 | 0.59 J | 0.81 J | 0.63 J | 1.5 J | <6.0 | <6.0 | 2.4 J | 170 | <6.0 | 32 J | <6.0 | 5.4 J | <6.0 | 1.4 J | TBA = 12; TCFM = 0.56 J; Freon 113 = 0.92 J; 1,1,1-TCA = 35 Styrene = 2.5 J | <10 | **1,400** | 4,500 |
| | 5 | 8/21/2020 | EEC | 32 | 6.5 | 2.0 J | <5.1 | <5.1 | <5.1 | 5.6 | 7.6 | 100 | 100 | 12 | 7.6 | 3.7 J | 310 | 0.37 J | 52 J | 4.2 J | 6.7 | <5.1 | <5.1 | TBA = 24; 1,1,1-TCA = 4.8 J; Styrene= 3.0; Propylbenzene = 3.4 J; sec-Butylbenzene = 1.2 J; para-Isopropyl Toluene = 1.6 J; n-Butylbenzene = 1.4 J | <10 | <10 | <10 |
| SB-15 | 2 | 8/22/2020 | EEC | 0.66 J | 3.2 | <5.3 | <5.3 | <5.3 | <5.3 | 0.70 J | 0.79 J | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 70 J | <5.3 | 11 J | <5.3 | <5.3 | <5.3 | <5.3 | ND | <10 | <10 | <10 |
| | 5 | 8/22/2020 | EEC | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 0.69 J | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 82 J | <6.0 | 10 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <10 | <10 | <10 |
| SB-16 | 2 | 8/21/2020 | EEC | 1.9 J | 0.61 J | <4.6 | <4.6 | <4.6 | <4.6 | 1.4 J | 11 | 48 | 57 | 15 | 8.4 | 0.63 J | 160 | <4.6 | 21 J | 4.0 J | <4.6 | <4.6 | 3.4 J | TBA = 13; Propylbenzene = 5.0; sec-Butylbenzene = 1.5 J; para-Isopropyl Toluene = 2.3 J; n-Butylbenzene = 2.5 J | <10 | **4,900** | 13,000 |
| | 5 | 8/21/2020 | EEC | <4.7 | <4.7 | 0.65 J | <4.7 | <4.7 | <4.7 | 9.7 | 9.2 | 2.7 J | 6.3 J | 0.92 J | 0.42 J | 0.51 J | <94 | <4.7 | 7.8 J | <4.7 | <4.7 | <4.7 | <4.7 | TBA = 8.5 J | <10 | <10 | <10 |

**TABLE C3.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/kg and TOTAL PETROLEUM HYDROCARBONS (TPH) in mg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *2,700* | *6,100* | *85,000* | *600,000* | *350,000* | *150* | *1,400* | *5,300,000* | *26,000* | *2,500,000* | *11,000* | *1,510,000* | *16,000* | *670,000,000* | *30,000* | *200,000,000* | *9,900,000* | *140,000,000* | *210,000* | *17,000* | -- | *2,000* | *1,200* | *180,000* |
| SB-17 | 2 | 8/22/2020 | EEC | 3.3 J | 13 | 5.0 | <4.1 | <4.1 | 1.1 J | 1.3 J | 43 | 120 | 99 | 31 | 12 | 34 | 500 | <4.1 | 72 J | 2.1 J | 16 | 9 | 3.6 J | TBA = 48<br>Chlorobenzene = 0.56 J Propylbenzene = 4.0 J; para-Isopropyl Toluene = 2.1 J; 1,2-DCB = 5.6<br>1,3-DCB = 0.70 J;<br>1,4-DCB = 1.7 J<br>n-Butylbenzene = 2.4 J; 1,2,4-TCB = 5.2 | <10 | <10 | 5.5 J |
| | 5 | 8/22/2020 | EEC | <5.3 | 1.0 J | 1.1 J | <5.3 | <5.3 | 0.54 J | 9.9 | 14 | 53 | 40 | 8.5 | 3.3 J | 4.3 J | 150 | <5.3 | 19 | 0.76 J | 2.6 J | 15 | 1.4 J | TBA = 83; Chloroethane = 0.81 J;<br>Chlorobenzene = 0.49 J Propylbenzene = 1.0 J para-Isopropyl Toluene = 0.62 J;<br>1,2-DCB = 0.58 J<br>1,4-DCB = 1.7 J<br>n-Butylbenzene = 0.78 J; 1,2,4-TCB = 2.4 J | 8.2 J | 50 | 130 |
| SB-18 | 2 | 8/22/2020 | EEC | 63 | 130 | 48 | <5.3 | <5.3 | 0.51 J | 7.6 | 5.7 | 1.2 J | 2.4 J | 0.52 J | <5.3 | 15 | 110 J | <5.3 | 17 J | <5.3 | <5.3 | <5.3 | <5.3 | Freon 113 = 4.6 J;<br>Trans-1,2-DCE = 1.6 J; 1,2-DCP = 1.5 J;<br>1,2-DCB = 0.63 J | <10 | 5.3 J | 17 |
| | 5 | 8/22/2020 | EEC | 4.1 J | 15 | 22 | <5.0 | <5.0 | 0.94 J | 4.6 J | 3.3 J | 0.64 J | 0.33 J | <5.0 | <5.0 | 6.1 | <100 | <5.0 | 5.8 J | <5.0 | <5.0 | <5.0 | <5.0 | 1,2-DCP = 0.95 J; | <10 | <10 | 6.7 J |
| SB-19 | 2 | 8/21/2020 | EEC | 1.1 J | 3.0 J | 8.6 | 0.82 J | <7.8 | 30.0 | 21 | 65 | 23 | 83 | 8.3 | 4.0 J | 21 | 210 | <7.8 | 17 J | 1.9 J | 4.4 J | <7.8 | <7.8 | TBA = 18; 1,1-DCE = 3.0 J; 1,2-DCA = 0.96 J;<br>Propylbenzene = 1.7 J; para-Isopropyl Toluene = 1.0 J; n-Butylbenzene = 1.7 J | 9.4 | 58 | 98 |
| | 5 | 8/21/2020 | EEC | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | 3.3 J | 6.2 | 1.5 J | 4.7 J | <4.6 | <4.6 | <4.6 | <93 | <4.6 | 5.0 J | <4.6 | <4.6 | <4.6 | <4.6 | TBA = 9.8 | <10 | <10 | <10 |
| SB-20 | 2 | 8/21/2020 | EEC | 0.30 J | 1.5 J | 1.2 J | 0.43 J | <100 | 10 | 4.4 | 55 | 40 | 60 | 100 | 30 | 3.1 J | <100 | 2.5 J | 23 J | 6.3 | <100 | <100 | 5.8 | TBA = 19;<br>Chloroethane = 0.32 J;Chlorobenzene = 0.23 J; Propylbenzene = 11<br>tert-Butylbenzene = 1.0 J<br>sec-Butylbenzene = 11 J; para-Isopropyl Toluene = 20; n-Butylbenzene = 15 | 150 | 510 | 960 |
| | 5 | 8/21/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 1.1 J | 0.66 J | <5.0 | <5.0 | 1.5 J | 0.58 J | <5.0 | 58 J,b | <5.0 | 7.3 J | <5.0 | <5.0 | <5.0 | 2.1 J | TBA = 18;<br>sec-Butylbenzene = 0.44 J<br>para-Isopropyl Toluene = 1.0 J;<br>n-Butylbenzene = 0.71 J | <10 | <10 | <10 |
| SB-21 | 2 | 8/21/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 0.7 J | <5.0 | 1.6 J | 0.8 J | <5.0 | <5.0 | 180 | <5.0 | 42 J | <5.0 | 46 | <5.0 | 1.0 B,J | Methylene Chloride = 1.7 J | <10 | 35 | 51 |
| | 5 | 8/21/2020 | EEC | 4,100 | 1,200 | 110 J | <1,000 | <1,000 | <1,000 | 110 J | 49,000 | 12,000 | 75,000 | 13,000 | 3,500 | <1,000 | <20,000 | <1,000 | 380 J | 1,200 | <1,000 | <1,000 | 730 J | Propylbenzene = 1,900; para-Isopropyl Toluene = 410 J; n-Butylbenzene = 800 J | 240 | 1,500 | 1,700 |
| SB-21 | 10 | 8/21/2020 | EEC | 0.30 J | 0.30 J | 0.38 J | <4.8 | <4.8 | 1.2 J | 2.6 J | 5.8 | 3.4 J | 14 | 1.0 J | 0.25 J | 3.2 J | 57 J | <4.8 | 17 J | <4.8 | <4.8 | 0.36 J | 0.49 J | TBA = 19;<br>1,1,1-TCA = 0.21 J;<br>2-Chlorotoluene = 1.7 J | <10 | 9.7 J | 6.5 J |
| SB-22 | 2 | 8/21/2020 | EEC | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | 0.63 J | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <88 | <4.4 | 5.6 J | <4.4 | <4.4 | <4.4 | <4.4 | ND | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | <5.2 | <5.2 | <5.2 | <5.2 | <5.2 | <5.2 | 13 | 16 | 3.7 J | <5.2 | 1.0 J | 0.33 J | <5.2 | 67 J,b | <5.2 | 8.8 J | 0.34 J | 0.82 J | <5.2 | 0.66 B,J | Propylbenzene = 0.41 J | <10 | <10 | 6.8 J |
| SB-23 | 2 | 8/21/2020 | EEC | 69 J | <1,500 | <1,500 | <1,500 | <1,500 | <1,500 | <1,500 | 2,400 | 4,100 | 33,000 | 33,000 | 9,900 | <1,500 | <30,000 | ND,1,500 | 1,800 J | 500 J | 3,200 | <1,500 | 6,300 | Methylene Chloride = 2,300; 1,1,1-TCA = 1,700;<br>Propylbenzene = 2,100;<br>sec-Butylbenzene = 1,500;<br>para-Isopropyl Toluene = 590 J<br>n-Butylbenzene = 6,500 | 2,600 | 8,500 | 33,000 |
| | 5 | 8/21/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 7.1 | 5.6 J | 1.1 J | 2.1 J | <5.7 | <5.7 | <5.7 | <110 | <5.7 | 7.1 J | <5.7 | <5.7 | <5.7 | 0.31 J | ND | <9.9 | 4.5 J | 18 |
| SB-24 | 2 | 8/21/2020 | EEC | 2.2 J | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | 9.5 | 8.4 | 1.3 J | 2.1 J | 0.39 J | <5.8 | <5.8 | <5.8 | <5.8 | 14 J | <5.8 | <5.8 | <5.8 | 0.19 B,J | ND | <20 | <20 | 74 |
| | 5 | 8/21/2020 | EEC | 0.98 J | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | 8.2 | 6.3 | 1.1 J | 1.9 J | <5.6 | <5.6 | <5.6 | <110 | <5.6 | 6.6 J | <5.6 | <5.6 | <5.6 | <5.6 | ND | <10 | <10 | 10 |
| SB-25 | 2 | 8/21/2020 | EEC | 0.38 J | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 1.6 J | <4.9 | 49 | 230 | 0.30 J | <4.9 | <4.9 | 90 J,b | <4.9 | 10 J | 0.68 J | <4.9 | <4.9 | 0.40 B,J | ND | <10 | <10 | 16 |
| | 5 | 8/21/2020 | EEC | 1.5 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 0.89 J | 0.50 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | 3.2 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | 9.7 J |
| SB-26 | 2 | 8/21/2020 | EEC | 44 | 3.3 J | <7.1 | <7.1 | <7.1 | <7.1 | 14 | 11 | 1.9 J | 2.8 J | 0.50 J | <7.1 | <7.1 | 110 J,b | <7.1 | 14 J | <7.1 | <7.1 | <7.1 | <7.1 | ND | <10 | 16 | 37 |
| | 5 | 8/21/2020 | EEC | 10 | 0.83 J | <6.8 | <6.8 | <6.8 | <6.8 | 3.7 J | 3.4 J | 0.41 | 1.3 J | 0.54 J | <6.8 | <6.8 | <100 | <6.8 | 35 J | <6.8 | 1.1 J | <6.8 | <6.8 | TBA = 36 | <50 | <50 | 130 |
| SB-27 | 2 | 8/21/2020 | EEC | 5.7 | 7.5 | 0.22 J | <4.8 | <4.8 | <4.8 | <4.8 | 0.32 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | 5.1 J | <4.8 | <4.8 | <4.8 | <4.8 | TBA = 10 | <10 | 40 | 400 |
| | 5 | 8/21/2020 | EEC | 6.3 | 10 | 2.5 J | <5.4 | <5.4 | <5.4 | 9.8 | 7.9 | 1.6 J | 2.6 J | 0.35 J | <5.4 | 1.6 J | <5.4 | 2.6 B,J | 6.8 J | <5.4 | 0.19 J | <5.4 | 0.24 J | ND | <10 | <10 | 8.6 J |
| SB-28 | 2 | 8/21/2020 | EEC | 52 | 21 | 2.4 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.54 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.62 J | <120 | 2.9 B,J | 5.7 J | <6.0 | 0.21 J | <6.0 | <6.0 | Freon 113 = 6.0 | <100 | <100 | 300 |
| | 5 | 8/21/2020 | EEC | 24 | 3.7 J | 2.3 J | <4.2 | <4.2 | <4.2 | 4.0 J | 3.7 J | 0.73 J | 1.2 J | <4.2 | <4.2 | 0.23 J | <83 | <4.2 | 3.3 J | <4.2 | <4.2 | <4.2 | 0.19 J | ND | <10 | <10 | 11 |
| SB-29 | 2 | 8/21/2020 | EEC | 140 | 11 | 0.21 J | <4.3 | <4.3 | <4.3 | 0.38 J | 0.41 J | 0.29 J | 1.3 J | <4.3 | <4.3 | <4.3 | 130 | 2.0 B,J | 26 J | <4.3 | <4.3 | <4.3 | 0.15 J | TBA = 12; 1,1,1-TCA = 0.18 J | <10 | <10 | 17 |
| | 5 | 8/21/2020 | EEC | 92 | 10 | 1.1 J | <6.1 | <6.1 | <6.1 | 5.4 J | 3.7 J | 0.66 J | 1.2 J | <6.1 | <6.1 | 0.39 J | <120 | <6.1 | 5.0 J | <6.1 | <6.1 | <6.1 | <6.1 | ND | <10 | <10 | 8.5 J |
| SB-30 | 2 | 8/22/2020 | EEC | 4.8 J | 0.48 J | <5.7 | <5.7 | <5.7 | <5.7 | 0.37 J | 0.46 J | <5.7 | 0.89 J | <5.7 | <5.7 | <5.7 | 63 J | <5.7 | 8.2 J | <5.7 | <5.7 | <5.7 | <5.7 | ND | <20 | <20 | 70 B |
| | 5 | 8/22/2020 | EEC | 37 | 4.5 | <4.2 | <4.2 | <4.2 | <4.2 | 8.9 | 4.2 | 0.55 J | 0.77 J | <4.2 | <4.2 | <4.2 | <83 | <4.2 | 7.9 J | <4.2 | <4.2 | <4.2 | <4.2 | 1,1,1-TCA = 0.40 J | <10 | <10 | 11 B |
| SB-31 | 2 | 8/22/2020 | EEC | 11 | 0.29 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.27 J | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <120 | <6.0 | 7.6 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <50 | <50 | 98 B |
| | 5 | 8/22/2020 | EEC | 39 | 2.4 J | <5.4 | <5.4 | <5.4 | <5.4 | 1.9 J | 0.35 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | 5.6 J | <5.4 | <5.4 | <5.4 | <5.4 | 1,1,1-TCA = 0.41 J | <10 | <10 | 14 B |
| SB-32 | 2 | 8/22/2020 | EEC | 8.0 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 0.24 J | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <130 | <6.4 | 4.6 J | <6.4 | 0.34 J | <6.4 | <6.4 | ND | <200 | <200 | 930 |
| | 5 | 8/22/2020 | EEC | 45 | 1.8 J | <4.7 | <4.7 | <4.7 | <4.7 | 2.8 J | 0.55 J | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | 56 J | <4.7 | 7.4 J | <4.7 | ND | <4.7 | ND | 1,1,1-TCA = 0.36 J | <10 | <10 | 11 B |
| SB-33 | 2 | 8/22/2020 | EEC | 43 | 1.9 J | <4.8 | <4.8 | <4.8 | <4.8 | 11 | 6.9 | 0.99 J | 1.6 J | <4.8 | <4.8 | <4.8 | 50 J,b | <4.8 | 7.6 J | <4.8 | <4.8 | <4.8 | <4.8 | 1,1,1-TCA = 0.25 J | <10 | 4.5 J | 14 B |
| | 5 | 8/22/2020 | EEC | 35 | 1.6 J | <6.0 | <6.0 | <6.0 | <6.0 | 10 | 6.1 | 0.92 J | 1.2 J | <6.0 | <6.0 | <6.0 | <120 | <6.0 | 10 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <10 | <10 | 10 B |

Notes:

-- = not analyzed

(a) = San Francisco Bay Regiol Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.

< ## = not detected above the method detection limit or reporting limit "X"

B = Constituent found in associated method blank

EEC = EEC Environmental

J = Estimated value; concentration above the method detection limit but below the reporting limit

µg/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

**RED** = at or exceeds commercial ESL

**TABLE C4.** HISTORICAL SOIL VAPOR ANALYTICAL TEST RESULTS-DETECTED VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/m$^3$
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID/ Boring ID | Sample Depth (ft bgs) | Sample Date | Consultant | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Isopropyl alcohol | Acetone | Chloroform | Methylene Chloride | 2-Butanone | Carbon Disulfide | Methane | Vinyl Chloride | Freon 11 | Freon 12 | Freon 113 | 1,4-Dioxane | trans-1,2-DCE | 1,1-DCE | 1,1,1-TCA | 1,2,4-TMB | 1,2-DCP | BDCM | p-isopropyltoluene | Other VOCs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFBRWQCB Commercial Screening Levels [a] | | | | 67 | 100 | 1,200 | 260 | 14 | 44,000 | 160 | 15,000 | -- | 4,500,000 | 18 | 410 | 730,000 | -- | -- | 5.2 | -- | -- | 733,333 | 53 | 12,000 | 10,000 | 150,000 | 290 | 41 | 11 | -- | -- |
| DTSC -Screening Levels[b] | | | | 2 | -- | 35 | 7.7 | 0.42 | 1,300 | -- | -- | -- | -- | -- | 12 | -- | -- | -- | 0.2 | 5300 | -- | -- | -- | 350 | 350 | 4,400 | -- | -- | 0.33 | -- | -- |
| DTSC -Screening Levels[b] with a 0.03 Attenuation Factor | | | | 67 | -- | 1167 | 257 | 14 | 43333 | -- | -- | -- | -- | -- | 400 | -- | -- | -- | 5 | 176667 | -- | -- | -- | 11667 | 11667 | 146667 | -- | -- | 11 | -- | -- |
| DTSC -Screening Levels[b] with a 0.0005 Attenuation Factor | | | | 4000 | -- | 70000 | 15400 | 840 | 2600000 | -- | -- | -- | -- | -- | 24000 | -- | -- | -- | 320 | 10600000 | -- | -- | -- | 700000 | 700000 | 8800000 | -- | -- | 660 | -- | -- |
| US EPA[c] RSLs | | | | 47 | 3 | -- | 7.7 | 1.6 | 22,000 | 4.9 | 440 | 880 | 140,000 | 0.53 | 1200 | 22,000 | 3100 | -- | 2.8 | -- | 440 | -- | -- | 180 | 880 | 22,000 | 260 | 3.3 | 0.33 | -- | -- |
| US EPA[c] RSLs with a 0.03 Attenuation Factor | | | | 1567 | 100 | -- | 257 | 53 | 733333 | 163 | 14667 | 29333 | 4666667 | 18 | 40000 | 733333 | 103333 | -- | 93 | -- | 14667 | -- | -- | 6000 | 29333 | 733333 | 8667 | 110 | 11 | -- | -- |
| US EPA[c] RSLs with a 0.0005 Attenuation Factor | | | | 94000 | 6000 | -- | 15400 | 3200 | 44000000 | 9800 | 880000 | 1760000 | 280000000 | 1060 | 2400000 | 44000000 | 6200000 | -- | 5600 | -- | 880000 | -- | -- | 360000 | 1760000 | 44000000 | 520000 | 6600 | 660 | -- | -- |
| 1 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <0.6 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 3 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 5 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 6 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <0.6 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 7 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 8 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 47 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 9 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 10 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 11 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 12 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 13 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 14 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 8 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 15 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 16 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 17 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 12 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 18 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 19 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 9 | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 20 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 11 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 21 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 22 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 23 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 24 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 25 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 9 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 26 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 27 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 43 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 28 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 29 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 30 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 31 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 8 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 32 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 33 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 34 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 9 | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 35 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 8 | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 36 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 4 | 6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 37 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | 8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 38 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6 | 6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 39 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 40 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 41 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 42 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 43 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 44 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 40 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 45 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 46 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 47 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 11 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 48 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 49 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 18 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 50 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 51 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 52 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 14 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 53 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 14 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 54 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 12 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 55 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 56 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 57 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 58 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 77 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 59 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 10 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 60 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 61 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 62 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 26 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 63 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 25 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 64 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 26 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 65 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 18 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 66 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 67 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 68 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 69 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 25 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 70 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 25 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 71 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 25 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 72 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 27 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 73 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 74 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 75 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 22 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 76 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 22 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 77 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 78 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 79 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 80 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 81 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 27 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 82 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 83 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 84 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 85 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| CP1-5 | 5 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |

**TABLE C4.** HISTORICAL SOIL VAPOR ANALYTICAL TEST RESULTS-DETECTED VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/m³
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID/ Boring ID | Sample Depth (ft bgs) | Sample Date | Consultant | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Isopropyl alcohol | Acetone | Chloroform | Methylene Chloride | 2-Butanone | Carbon Disulfide | Methane | Vinyl Chloride | Freon 11 | Freon 12 | Freon 113 | 1,4-Dioxane | trans-1,2-DCE | 1,1-DCE | 1,1,1-TCA | 1,2,4-TMB | 1,2-DCP | BDCM | p-isopropyltoluene | Other VOCs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SFBRWQCB Commercial Screening Levels [a]** | | | | 67 | 100 | 1,200 | 260 | 14 | 44,000 | 160 | 15,000 | -- | 4,500,000 | 18 | 410 | 730,000 | -- | -- | 5.2 | -- | -- | 733,333 | 53 | 12,000 | 10,000 | 150,000 | 290 | 41 | 11 | -- | -- |
| **DTSC -Screening Levels[b]** | | | | 2 | -- | 35 | 7.7 | 0.42 | 1,300 | -- | -- | -- | -- | -- | 12 | -- | -- | -- | 0.2 | 5300 | -- | -- | -- | 350 | 350 | 4,400 | -- | -- | 0.33 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.03 Attenuation Factor** | | | | 67 | -- | 1167 | 257 | 14 | 43333 | -- | -- | -- | -- | -- | 400 | -- | -- | -- | 5 | 176667 | -- | -- | -- | 11667 | 11667 | 146667 | -- | -- | 11 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.0005 Attenuation Factor** | | | | 4000 | -- | 70000 | 15400 | 840 | 2600000 | -- | -- | -- | -- | -- | 24000 | -- | -- | -- | 320 | 10600000 | -- | -- | -- | 700000 | 700000 | 8800000 | -- | -- | 660 | -- | -- |
| **US EPA[c] RSLs** | | | | 47 | 3 | -- | 7.7 | 1.6 | 22,000 | 4.9 | 440 | 880 | 140,000 | 0.53 | 1200 | 22,000 | 3100 | -- | 2.8 | -- | 440 | -- | -- | 180 | 880 | 22,000 | 260 | 3.3 | 0.33 | -- | -- |
| **US EPA[c] RSLs with a 0.03 Attenuation Factor** | | | | 1567 | 100 | -- | 257 | 53 | 733333 | 163 | 14667 | 29333 | 4666667 | 18 | 40000 | 733333 | 103333 | -- | 93 | -- | 14667 | -- | -- | 6000 | 29333 | 733333 | 8667 | 110 | 11 | -- | -- |
| **US EPA[c] RSLs with a 0.0005 Attenuation Factor** | | | | 94000 | 6000 | -- | 15400 | 3200 | 44000000 | 9800 | 880000 | 1760000 | 280000000 | 1060 | 2400000 | 44000000 | 6200000 | -- | 5600 | -- | 880000 | -- | -- | 360000 | 1760000 | 44000000 | 520000 | 6600 | 660 | -- | -- |
| CP1-15 | 15 | 03/27/95 | EST | 59,000 | 7,000 | 58,000 | 31,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | 7,000 | 47,000 | NA | 1,000 | 2,000 | 8,000 | NA | NA | NA | NA | NA |
| CP1-25 | 25 | 03/27/95 | EST | 18,000 | 2,000 | 12,000 | 8,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | 2,000 | 14,000 | NA | <1,000 | <1,000 | 2,000 | NA | NA | NA | NA | NA |
| CP2-5 | 5 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| CP2-15 | 15 | 03/27/95 | EST | <1,000 | <1,000 | 1,000 | 10,000 | NA | 1,000 | <1,000 | 1,000 | NA | NA | NA | NA | NA | NA | NA | 23,000 | 1,000 | 2,000 | 13,000 | NA | <1,000 | 6,000 | <1,000 | NA | NA | NA | NA | NA |
| CP2-25 | 25 | 03/27/95 | EST | 2,000 | 3,000 | 9,000 | 50,000 | NA | 3,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | 101,000 | 11,000 | 7,000 | 59,000 | NA | <1,000 | 14,000 | 4,000 | NA | NA | NA | NA | Chloroethane = 4,000 |
| CP3-5 | 5 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| CP3-15 | 15 | 03/27/95 | EST | 132,000 | 39,000 | 53,000 | 51,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | 11,000 | <1,000 | 12,000 | 85,000 | NA | <1,000 | 1,000 | 12,000 | NA | NA | NA | NA | NA |
| CP3-25 | 25 | 03/27/95 | EST | 144,000 | 38,000 | 55,000 | 41,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | 10,000 | <1,000 | 12,000 | 88,000 | NA | <1,000 | 1,000 | 14,000 | NA | NA | NA | NA | NA |
| CP4-5 | 5 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | 9,000 | NA | 28,000 | 5,000 | 17,000 | NA | NA | NA | NA | NA | NA | NA | 15,000 | 22,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| CP4-15 | 15 | 03/27/95 | EST | <1,000 | <1,000 | 3,000 | 7,000 | NA | 2,000 | 1,000 | 4,000 | NA | NA | NA | NA | NA | NA | NA | 6,000 | <1,000 | 2,000 | 3,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| CP4-25 | 25 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG1-5 | 5 | 08/29/95 | EST | <1,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG1-15 | 15 | 08/29/95 | EST | 241,000 | 10,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | 12,000 | 29,000 | NA | NA | NA | NA | NA |
| SG2-5 | 5 | 08/29/95 | EST | 5,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG2-15 | 15 | 08/29/95 | EST | 18,000 | 7,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG3-5 | 5 | 08/29/95 | EST | 27,000 | 1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG3-15 | 15 | 08/29/95 | EST | 34,000 | 3,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG4-5 | 5 | 08/29/95 | EST | 82,000 | 14,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG4-15 | 15 | 08/29/95 | EST | 118,000 | 21,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG5-5 | 5 | 08/29/95 | EST | 3,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG5-15 | 15 | 08/29/95 | EST | 6,000 | 8,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG6-5 | 5 | 08/29/95 | EST | <1,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | 1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG7-5 | 5 | 08/29/95 | EST | <1,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3,000 | NA | 6,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SGB-5 | 5 | 08/29/95 | EST | <1,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | 1,000 | <1,000 | NA | NA | NA | NA | NA |
| SV101 | 13 | 04/18/97 | WOLFF | 720 | <500 | NA | NA | NA | 500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 19 | 04/18/97 | WOLFF | 1,500 | <500 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SV102 | 14 | 04/18/97 | WOLFF | 14,590 | 6,050 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 19 | 04/18/97 | WOLFF | 15,190 | 6,240 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SV103 | 14 | 04/18/97 | WOLFF | 20,420 | 2,780 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 19 | 04/18/97 | WOLFF | 19,090 | 4,220 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SV104 | 14 | 04/18/97 | WOLFF | 8,590 | 4,610 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 19 | 04/18/97 | WOLFF | 9,680 | 5,150 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-2 | 5 | 08/22/20 | EEC | 68 | 50 | ND | ND | 4.7 | 35 | ND | 10 | ND | 62 | ND | 5.3 | 16 | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 29 J | 49 J | ND | ND | 22 J | 190 | ND | 32 J | 190 | 720 | ND | 1,200 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-5 | 5 | 08/21/20 | EEC | 350 | 150 | ND | ND | ND | 1,600 | 180 | 1,100 | ND | 140 J | ND | ND | ND | ND | NA | ND | NA | NA | 65 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 460 | 460 | ND | 51 | ND | 230 | 27 | 170 | ND | 56 | ND | 2.0 J | ND | ND | NA | ND | NA | NA | 110 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-8 | 5 | 08/22/20 | EEC | 190 | 280 | 28 | 130 | 16 | 60 | 9.0 | 28 | ND | 92 | ND | 24 | ND | 36 | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 170 | 1,300 | 910 | ND | ND | 24 | ND | 36 | ND | 180 | ND | 12 J | ND | ND | NA | 55 | NA | NA | 84 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-9 | 5 | 08/21/20 | EEC | 130 | 200 | ND | ND | ND | 37 | 3.7 | 19 | 320 | ND | ND | ND | ND | ND | NA | 1.1 J | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 87 | 390 | 110 | 77 | 1.7 J | 5.6 | 0.90 J | 8.4 | ND | 42 | ND | 1.2 J | ND | ND | NA | 0.48 J | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-10 | 5 | 08/22/20 | EEC | 200 | 1,300 | 93 | 250 | 100 | 33 | 8.5 J | 50 | ND | 99 | 120 | ND | 32 J | ND | NA | 1.8 J | NA | NA | 4.9 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 250 | 2,800 | 5,100 | 1,400 | 29 B,J | 59 | 14 J | 96 J | 350 | 1,700 | ND | 1,700 | ND | ND | NA | 220 | NA | NA | 25 J | 58 | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-13 | 5 | 08/22/20 | EEC | 280 | 1,300 | 770 | 210 | ND | 50 J | ND | 23 J | ND | 640 | ND | 620 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 270 | 1,700 | 3,100 | 360 | ND | 29 J | ND | ND | ND | 760 | ND | 470 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-14 | 5 | 08/22/20 | EEC | 360 | 820 | 54 | 490 | 95 | 39 | 100 | 120 | ND | 65 | ND | 5.0 J | ND | 37 | NA | ND | NA | NA | 64 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 120 | 3,300 | 1,100 | 1,400 | 6.7 | 11 | 160 | 490 | ND | 120 | ND | 5.9 J | 33 | ND | NA | ND | NA | NA | 19 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-15 | 5 | 08/22/20 | EEC | 230 | 87 J | ND | 150 | ND | 79 J | ND | 44 J | ND | 750 | ND | 1,100 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 260 | 140 | ND | 7.6 J | ND | 160 | 5.6 J | 42 J | ND | 71 J | ND | 5.8 J | ND | ND | NA | ND | NA | NA | 13 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-16 | 5 | 08/22/20 | EEC | 110 | 660 | 900 | 1,700 | 170 | 100 | 110 | 730 | ND | 260 J | ND | 17 J | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 100 J | 1,200 | 5,000 | 3,600 | 54 | 31 | ND | 23 J | ND | 700 | ND | 2,000 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-17 | 5 | 08/22/20 | EEC | 740 | 2,400 | 720 | 5,100 | 190 | 6,200 | 4,900 | 6,100 | 310 J | 3,600 | ND | 2,700 | 510 J | 700 | NA | 510 | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 120 | 190 | 220 | 2,000 | 24 | 510 | 410 | 1,200 | ND | 300 | ND | 46 J | 49 J | ND | NA | ND | NA | NA | 63 | 45 | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-18 | 5 | 08/22/20 | EEC | 980 | 2,200 | 3,400 | 1,300 | ND | 120 J | 38 J | 220 J | 280 J | 1,200 | ND | 1,400 | ND | 130 | NA | 580 | NA | NA | 3,300 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 2,200 | 2,500 | 14,000 | 4,300 | 57 J | 130 | 120 J | 680 | ND | 830 | ND | 1,000 | ND | ND | NA | ND | NA | NA | 3,600 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-20 | 5 | 08/21/20 | EEC | ND | 330 J | 940 | 1,300 | 120 J | 270 | 110 J | 260 J | ND | 1,200 | ND | 1,400 | ND | ND | NA | ND | NA | NA | ND | 480 | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | ND | 100 J | 890 | 2,500 | ND | 720 | 110 J | 210 J | ND | 990 J | ND | 1,100 | ND | ND | NA | ND | NA | NA | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-21 | 5 | 08/22/20 | EEC | 4,000 | 6,000 | 18,000 | 10,000 | 3,700 | 320,000 | 30,000 | 130,000 | ND | 4,800 | ND | 3,500 | ND | ND | NA | 32,000 | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 820 | 290 J | 300 | 2,500 | 210 | 9,400 | 1,200 | 6,500 | ND | 15,000 | ND | 9,300 | ND | ND | NA | 860 | NA | NA | 110 J | 1,500 | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-22 | 5 | 08/22/20 | EEC | ND | 320 J | 330 J | 540 | ND | ND | ND | 160 J | ND | 3,600 J | ND | 5,600 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 530 | 2,100 | 120 | 1,800 | ND | ND | ND | 7.5 J | ND | 79 J | ND | 5.4 J | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-23 | 5 | 08/22/20 | EEC | 59 | 22 | 6.5 J | 27 | 48 | 150 | 19 J | 91 | ND | 51 J | ND | 7.7 J | ND | ND | NA | ND | NA | NA | 15 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 360 | 420 | 15 | 1,100 | ND | 53 | ND | 9.5 J | ND | 31 J | ND | 6.4 J | ND | ND | NA | 11 | NA | NA | 16 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-24 | 5 | 08/21/20 | EEC | 580 | 20 | ND | ND | 19 | 220 | 23 | 110 | ND | 120 | ND | ND | ND | ND | NA | ND | NA | NA | 36 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 980 | 120 | ND | 89 | ND | 92 | 20 | 97 | ND | 64 | ND | ND | ND | ND | NA | 4.1 J | NA | NA | 52 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-25 | 5 | 08/21/20 | EEC | 150 | 6.9 | 1.7 J | 1.6 J | 4.9 | 33 | 60 | 410 | ND | 46 | ND | 5.4 | ND | 3.5 | NA | ND | NA | NA | 35 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 680 | 71 | ND | 21 | 2.5 B,J | 11 J | 70 | 490 | ND | 41 | ND | ND | ND | ND | NA | ND | NA | NA | 160 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-26 | 5 | 08/27/20 | EEC | 10,000 | 1,000 | ND | 32 J | ND | 75 J | ND | 56 J | 300 | 1,100 | ND | 1,500 | ND | ND | NA | ND | NA | NA | 100 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/27/20 | EEC | 41,000 | 8,500 | 250 | 1,000 | ND | 130 J | ND | 130 J | ND | 1,500 | ND | 980 J | ND | ND | NA | ND | NA | NA | 440 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-27 | 5 | 08/21/20 | EEC | 390 | 2,500 | 580 | 960 | 14 | 160 | 21 | 120 | ND | 160 | ND | ND | ND | 27 | NA | 18 | NA | NA | 1,200 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 6,300 | 5,400 | 2,300 | 2,600 | 35 B,J | 140 | 23 J | 130 J | 700 | 2,800 | ND | 6,200 | ND | ND | NA | 43 | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |

**TABLE C4.** HISTORICAL SOIL VAPOR ANALYTICAL TEST RESULTS-DETECTED VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/m$^3$
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID/ Boring ID | Sample Depth (ft bgs) | Sample Date | Consultant | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Isopropyl alcohol | Acetone | Chloroform | Methylene Chloride | 2-Butanone | Carbon Disulfide | Methane | Vinyl Chloride | Freon 11 | Freon 12 | Freon 113 | 1,4-Dioxane | trans-1,2-DCE | 1,1-DCE | 1,1,1-TCA | 1,2,4-TMB | 1,2-DCP | BDCM | p-isopropyltoluene | Other VOCs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SFBRWQCB Commercial Screening Levels [a]** | | | | 67 | 100 | 1,200 | 260 | 14 | 44,000 | 160 | 15,000 | -- | 4,500,000 | 18 | 410 | 730,000 | -- | -- | 5.2 | -- | -- | 733,333 | 53 | 12,000 | 10,000 | 150,000 | 290 | 41 | 11 | -- | -- |
| **DTSC -Screening Levels[b]** | | | | 2 | -- | 35 | 7.7 | 0.42 | 1,300 | -- | -- | -- | -- | -- | 12 | -- | -- | -- | 0.2 | 5300 | -- | -- | -- | 350 | 350 | 4,400 | -- | -- | 0.33 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.03 Attenuation Factor** | | | | 67 | -- | 1167 | 257 | 14 | 43333 | -- | -- | -- | -- | -- | 400 | -- | -- | -- | 5 | 176667 | -- | -- | -- | 11667 | 11667 | 146667 | -- | -- | 11 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.0005 Attenuation Factor** | | | | 4000 | -- | 70000 | 15400 | 840 | 2600000 | -- | -- | -- | -- | -- | 24000 | -- | -- | -- | 320 | 10600000 | -- | -- | -- | 700000 | 700000 | 8800000 | -- | -- | 660 | -- | -- |
| **US EPA[c] RSLs** | | | | 47 | 3 | -- | 7.7 | 1.6 | 22,000 | 4.9 | 440 | 880 | 140,000 | 0.53 | 1200 | 22,000 | 3100 | -- | 2.8 | -- | 440 | -- | -- | 180 | 880 | 22,000 | 260 | 3.3 | 0.33 | -- | -- |
| **US EPA[c] RSLs with a 0.03 Attenuation Factor** | | | | 1567 | 100 | -- | 257 | 53 | 733333 | 163 | 14667 | 29333 | 4666667 | 18 | 40000 | 733333 | 103333 | -- | 93 | -- | 14667 | -- | -- | 6000 | 29333 | 733333 | 8667 | 110 | 11 | -- | -- |
| **US EPA[c] RSLs with a 0.0005 Attenuation Factor** | | | | 94000 | 6000 | -- | 15400 | 3200 | 44000000 | 9800 | 880000 | 1760000 | 280000000 | 1060 | 2400000 | 44000000 | 6200000 | -- | 5600 | -- | 880000 | -- | -- | 360000 | 1760000 | 44000000 | 520000 | 6600 | 660 | -- | -- |
| SB-28 | 5 | 08/22/20 | EEC | 2,200 | 850 | 1,400 | 260 | 100 | 340 | 49 J | 390 | ND | 5,000 | ND | 22,000 | ND | 510 | NA | ND | NA | NA | 89 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 32,000 | 8,300 | 1,800 | 1,800 | ND | 830 | ND | ND | ND | 21,000 | ND | 66,000 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-29 | 5 | 08/21/20 | EEC | 5,900 | 1,300 | 270 | 180 | 67 | 330 | 50 J | 280 J | ND | 6,000 | ND | 25,000 | ND | 380 | NA | ND | NA | NA | 52 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 5,200 J | 4,500 J | 11,000 | 6,800 | 3,400 J | 230,000 | 19,000 | 93,000 | ND | 31,000 | ND | 41,000 | ND | ND | NA | 20,000 | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-30 | 5 | 08/22/20 | EEC | 1,300 | 330 | 20 J | 29 J | ND | 51 | 9.0 J | 46 J | ND | 120 J | ND | 12 J | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 100,000 | ND | 2,500 | 2,400 | 160 J | 1,000 | 200 J | 1,000 | ND | 6,300 | ND | 38,000 | 760 J | 470 | NA | ND | NA | NA | 1,300 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-33 | 5 | 08/22/20 | EEC | 300 | 19 | ND | ND | 9.1 | 22 | 2.8 J | 21 | ND | ND | ND | 4.8 J | ND | ND | NA | ND | NA | NA | 66 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 5,100 | 980 | 18 | 12 J | 29 | 12 J | ND | 4.9 J | ND | ND | ND | 10 J | ND | ND | NA | ND | NA | NA | 180 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| HP-1 | 15 | 09/24/20 | EEC | 10,000 | 1,600 | 70 | 51 | 12 | 2,700 | 10 | 34 | NA | NA | 67 | NA | NA | 21 | NA | 7.2 | NA | NA | 96 | NA | 21 | 4.8 | 72 | 15 | <10 | 45 | 42 | Dibromochloromethane = 38 |
| | 15/DUP | 09/24/20 | EEC | 13,000 / 13,000 | 2,500 / 2,500 | 180 / 180 | 130 / 140 | 5.6 / 4.4 | 37 / 22 | 7.2 / <10 | 33 / 11 | NA | NA | 9.4 / 8.8 | NA | NA | <5.0 / <5.0 | NA | <5.0 / 5.4 | NA | NA | 97 / 96 | NA | 33 /32 | <5.0 / 3.4 | 84 / 77 | 7.8 / 3.2 | <10 / <10 | <5.0 / <5.0 | 30 / 12 | ND |
| | 30 | 09/24/20 | EEC | 6,900 | 2,000 | 530 | 240 | 4.6 | 22 | <10 | 16 | NA | NA | 10 | NA | NA | <5.0 | NA | 6.0 | NA | NA | 120 | NA | 49 | <5.0 | 41 | 6.4 | <10 | 6.2 | 10 | ND |
| | 40 | 09/24/20 | EEC | 1,400 | 1,000 | 1,100 | 340 | 6.8 | 20 | <10 | 18 | NA | NA | <5.0 | NA | NA | 52 | NA | 38 | NA | NA | 97 | NA | 26 | 9.2 | 6.6 | 5.8 | <10 | <5.0 | 22 | Dichlorodifluromethane = 2.8 |
| HP-2 | 5 | 09/24/20 | EEC | 18,000 | 3,600 | 500 | 270 | 13 | 62 | 8.8 | 36 | NA | NA | 49 | NA | NA | 18 | NA | 18 | NA | NA | 120 | NA | 94 | 10 | 89 | 4.0 | <5.1 | 24 | 11 | ND |
| | 15 | 09/24/20 | EEC | 30,000 | 7,900 | 2,500 | 770 | 5.2 | 27 | <5.9 | 18 | NA | NA | 17 | NA | NA | <1.2 | NA | 24 | NA | NA | 160 | NA | 220 | 15 | 110 | 2.6 | 26 | 5.6 | 11 | Chlorobenzene = 12 |
| | 30 | 09/24/20 | EEC | 25,000 | 8,600 | 3,900 | 960 | 4.4 | 19 | <5.9 | 10 | NA | NA | 7.4 | NA | NA | <1.2 | NA | 28 | NA | NA | 140 | NA | 280 | 9.4 | 69 | <1.8 | 37 | <1.5 | 7.4 | Chlorobenzene = 17 |
| | 40 | 09/24/20 | EEC | 7,400 | 6,500 | 4,900 | 1,000 | 5.0 | 9.0 | <5.9 | 4.4 | NA | NA | <4.2 | NA | NA | 15 | NA | 19 | NA | NA | 140 | NA | 250 | 10 | 20 | <1.8 | 30 | <1.5 | 6.4 | Chlorobenzene = 5.0 |
| HP-3 | 5 | 09/24/20 | EEC | 10,000 | 1,500 | 48 | 110 | 7.2 | 24 | <5.9 | 13 | NA | NA | 12 | NA | NA | <1.2 | NA | <2.3 | NA | NA | 110 | NA | 14 | <2.1 | 81 | <1.8 | <5.1 | 9.6 | <5.6 | ND |
| | 15 | 09/24/20 | EEC | 11,000 | 3,000 | 130 | 520 | <2.2 | 13 | <5.9 | 3.6 | NA | NA | 16 | NA | NA | <1.2 | NA | <2.3 | NA | NA | 140 | NA | 43 | <2.1 | 120 | <1.8 | <5.1 | <1.5 | <5.6 | ND |
| | 30 | 09/24/20 | EEC | 8,300 | 2,800 | 450 | 1,100 | 14 | 17 | <5.9 | 2.2 | NA | NA | 14 | NA | NA | <1.2 | NA | <2.3 | NA | NA | 190 | NA | 74 | 6.8 | 54 | <1.8 | <5.1 | 4.0 | 21 | ND |
| | 40 | 09/24/20 | EEC | 5,900 | 3,700 | 1,200 | 1,600 | 17 | 17 | <5.9 | 4.2 | NA | NA | <4.2 | NA | NA | 1.8 | NA | 7.8 | NA | NA | 230 | NA | 150 | 17 | 13 | <1.8 | <5.1 | <1.5 | 26 | ND |
| HP-4 | 5 | 09/25/20 | EEC | 5,900 | 2,200 | 5,600 | 6,300 | 1,800 | 37,000 | 15,000 | 63,000 | NA | NA | 33 | NA | NA | 63 | NA | 17,000 | NA | NA | <5.0 | NA | 230 | 35 | <5.0 | 5,200 | <10 | <5.0 | 240 | ND |
| | 15/DUP | 09/25/20 | EEC | 180 / 220 | 84 / 100 | 310 / 320 | 1,700 / 2,000 | 30 / 26 | 2,800 / 1,400 | 440 / 200 | 2,960 / 1,440 | NA | NA | 14 / 12 | NA | NA | <5.0 / <5.0 | NA | 550 / 740 | NA | NA | <5.0 / 13 | NA | 19 / 12 | 15 / 17 | <5.0 / <5.0 | 310 / 180 | <10 / <10 | 35 / 39 | 16 / 12 | ND |
| | 30 | 09/25/20 | EEC | 93 | 160 | 2,100 | 2,000 | 7.8 | 1,400 | 180 | 1,170 | NA | NA | 13 | NA | NA | <5.0 | NA | 610 | NA | NA | 18 | NA | 34 | 49 | <5.0 | 120 | <10 | <5.0 | 7.6 | ND |
| | 40 | 09/25/20 | EEC | 190 | 170 | 2,700 | 1,600 | 7.0 | 3,100 | 350 | 2,400 | NA | NA | <5.0 | NA | NA | 45 | NA | 670 | NA | NA | 13 | NA | 50 | 53 | <5.0 | 170 | <10 | <5.0 | 14 | ND |

Notes:

-- = Screening level not established
µg/m$^3$ = micrograms per cubic meter
(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019
(b) = Department of Toxic Substances (DTSC) HHRA Note 3 June 2020, Table 3. DTSC-recommended Screening Levels for Ambient Air Analytes
(c) = United States Environmental Protection Agency (USEPA) Regional Screening Levels, May 2021, for industrial air, cancer endpoint; noncancer enpoint used where cancer endpoint unavailable
J = Estimated value. Concentration detected above the method detection limit but below the reporting limit
NA = Not Analyzed
ND = Not detected above method detection limit
EEC = EEC Environmental
WOLFF = Michael Wolff, Inc.
EST = Environmental Support Technologies
IEEC = Inland Empire Environmental Services

< = Less than Laboratory Detection Limit
(m,p) = m,p-Xylene only for total
BDCM = Bromodichloromethane
DCA = Dichloroethane
DCE = Dichloroethene
DCP = Dichloropropane
PCE = Tetrachloroethylene
TCA = Trichloeoethane
TCE = Trichloroethylene
TMB = Trimethylbenzene
MTBE = Methyl tertiary-butyl ether
RED = at or exceeds commercial ESL

# APPENDIX C

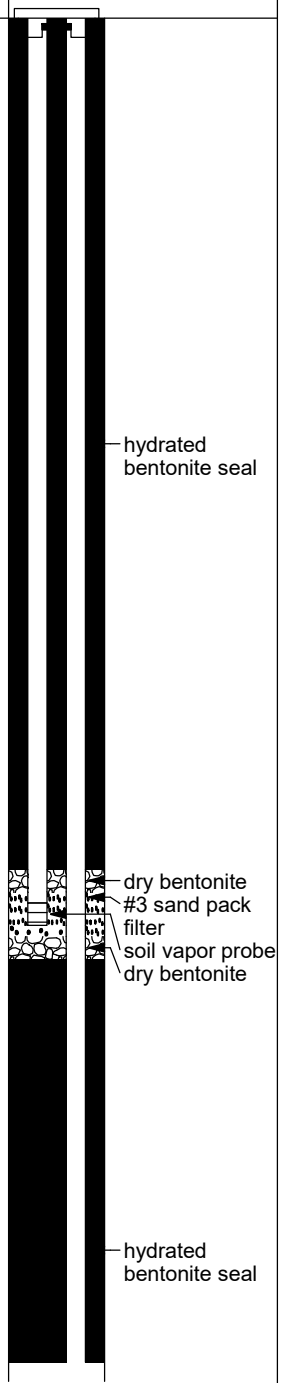
# BORING LOGS

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-1 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/23/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CL | | **Surface:** 4-inch thick asphalt layer, 1-inch thick aggregate base over; | 0.4 |
| | | | LV-1-1 | | 0.0 | | | CLAY with SAND; dark brown; moist; mostly fines, medium plasticity; little very fine to fine-grained sand; no odor. | |
| | | | | | | SC | | Clayey SAND; dark brown; moist; mostly very fine to fine-grained sand; some fines, low plasticity; no odor. | 4.0 |
| 5 | | | LV-1-5 | | 0.0 | | | | 5.5 |
| | | | | | | CL | | Sandy CLAY; brown; moist; mostly fines, low to medium plasticity; some very fine to fine-grained sand; no odor. | 6.0 |
| | | | | | | SC | | Clayey SAND; dark brown; moist; mostly very fine to fine-grained sand; some fines, low plasticity; no odor. | 7.5 |
| | | | | | | SP | | Poorly-graded SAND; tan to light gray; moist; mostly medium-grained sand, trace fine and coarse; trace fine to medium gravel. | |
| 10 | | | LV-1-10 | | 0.0 | | | Same as above; pale orange brown; no gravel. | |
| 15 | | | LV-1-15 | | 0.0 | | | | |
| | | | | | | | | Same as above; trace fine gravel. | |
| 20 | | | LV-1-20 | | 0.0 | SW | | Well-graded SAND with GRAVEL; light gray to brown to orangish brown; moist; mostly fine to coarse-grained sand; little fine to medium gravel. | 20.0 |
| | | | | | | SP | | Poorly-graded SAND; pale brown; moist; mostly medium-grained sand, trace coarse; no odor; dense (driller's note). Same as above; few fine, non-plastic to low plasticity. | 21.5 |
| 25 | | | | | 0.0 | | | Same as at 21.5 feet bgs. | |
| | | | | | | | | Same as above; light gray to brown; trace fine gravel. | |
| 30 | | | | | | | | | |




LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-1

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/23/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; pale brown; moist; mostly medium-grained sand, trace coarse; no odor; dense (driller's note). *(continued)* | | |
| | | | | | | | | | 33.0 | |
| | | | | | | | | Well-graded SAND; light gray to pale brown; moist; mostly fine to coarse-grained sand; trace to few fine to medium gravel; no odor. | | |
| 35 | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand pack<br>filter<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes installed at 20 and 35 feet bgs. | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

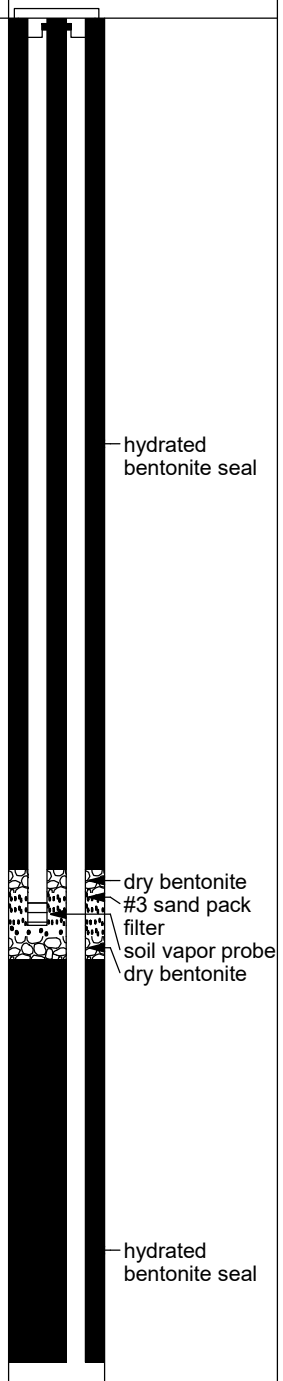
A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-2 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | LV-2-1 | | 0.0 | CL | | **Surface:** 3-inch thick concrete layer over; Sandy CLAY; dark brown; moist; mostly low plasticity fines; some very fine to fine sand; no odor. | 0.3 |
| 5 | | | LV-2-5 | | 0.0 | CL | | CLAY; light olive brown; moist; mostly medium plasticity fines; trace to few very fine-grained sand; no odor. | 5.0 |
| | | | | | | SP | | Poorly-graded SAND; light grayish brown; moist; mostly fine-grained sand, trace medium and coarse. | 7.5 |
| 10 | | | LV-2-10 | | 0.0 | | | | |
| | | | | | | SW | | Well-graded SAND; light grayish brown; moist; mostly fine to coarse-grained sand; trace fine to medium gravel. | 13.0 |
| 15 | | | LV-2-15 | | 0.0 | | | | |
| 20 | | | LV-2-20 | | 0.0 | | | | |
| | | | | | | SP | | Cobble; fragmented. Poorly-graded SAND; pale brown to light grayish brown; moist; mostly medium-grained sand, trace coarse; trace fine gravel. | 21.8 |
| 25 | | | | | 0.0 | | | Same as above; light grayish brown. | |
| | | | | | | SW | | Well-graded SAND; light grayish brown; moist; mostly fine to coarse-grained sand; trace fine to medium gravel. | 27.0 |
| 30 | | | | | | | | | |

WELL DIAGRAM




LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-2

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SW | | Well-graded SAND; light grayish brown; moist; mostly fine to coarse-grained sand; trace fine to medium gravel. *(continued)* | | |
| | | | | | | | | Cobble; fragmented. | 32.0 | |
| | | | | | | SP | | grades into Poorly-graded SAND; olive gray to olive brown; moist; mostly fine-grained sand, trace medium; trace fine gravel. | | |
| 35 | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand pack<br>filter<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 20 and 35 feet bgs | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-3 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface:** 5-inch thick concrete over 4-inch thick base over; | 0.8 | |
| | | | LV-3-1 | | 1.6 | SC | | Clayey SAND to Sandy CLAY; dark gray to brown; moist; mostly to some very fine to fine-grained sand; some to mostly low plasticity fines; slight TPH odor. | 2.0 | |
| | | | | | | CL | | CLAY; brown to dark brown; moist; mostly low to medium plasticity fines; few to little very fine-grained sand; no odor. | | hydrated bentonite seal |
| 5 | | | LV-3-5 | | 5.6 | | | Same as above; brown; medium plasticity. | | |
| | | | | | | | | Same as above; olive brown. | | |
| 10 | | | LV-3-10/LV-3-DUP1 | | | SP | | Poorly-graded SAND; light gray; moist; mostly fine to medium-grained sand, trace coarse; no odor. | 10.0 | dry bentonite<br>#3 sand pack filter<br>soil vapor probe<br>hydrated bentonite seal<br>dry bentonite |
| | | | | | | | | Same as above; trace fine gravel. | | |
| 15 | | | | | 4.0 | | | Same as at 10 feet. | | dry bentonite<br>#3 sand pack filter<br>soil vapor probe<br>dry bentonite |
| | | | | | | | | Same as above; light gray to dark gray. | | |
| 20 | | | | | 1.3 | | | Same as above; tan to light gray. | | hydrated bentonite seal |
| | | | | | | | | Same as at 17.5 feet. | | |
| | | | | | | CL | | CLAY; dark gray; moist; mostly low plasticity fines. | 23.0<br>23.3 | |
| | | | | | | SP | | Poorly-graded SAND; tan to light gray; moist; mostly fine to medium-grained sand, trace coarse; no odor. | | |
| 25 | | | | | 0.0 | | | | | |
| | | | | | | | | | 29.5 | |
| 30 | | | | | | CL | | CLAY with SAND; dark gray with banded light gray; moist; | 30.0 | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-3

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.9 | SW | | mostly low plasticity fines; little very fine to fine-grained sand; no odor. Well-graded SAND; gray to light gray; moist; mostly fine to coarse-grained sand; trace to few fine to medium gravel. | | |
| 35 | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand filter pack<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 10, 15, 35 feet bgs | | |

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-4 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/18/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 3-inch thick asphalt over 2-inch thick base layer over; | 0.4 |
| | | | LV-4-1 | | 2.0 | SM | | Silty SAND with GRAVEL; light grayish brown to brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel. | 1.5 |
| | | | | | 0.0 | | | Silty SAND; dark gray; moist; mostly fine-grained sand, trace medium; some non-plastic fines; no odor. | |
| | | | | | | | | Same as above; brown to grayish brown. | |
| 5 | | | LV-4-5 | | | | | Same as above; light brown to brown; fine to medium-grained sand. | 6.0 |
| | | | | | | CL | | 3-inch thick CLAY interbed; brown; moist; mostly low plasticity fines. | 6.3 |
| | | | | | | SP | | Poorly-graded SAND; brown mottled with orange, light gray, and light brown; moist; mostly fine to medium-grained sand; trace fines; no odor. | |
| 10 | | | LV-4-10 | | | SC | | Clayey SAND; dark gray; moist to very moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor. | 10.0 |
| | | | | | | SP | | Poorly-graded SAND; light gray; moist; mostly fine to medium-grained sand; trace fines. | 11.5 |
| | | | | | | | | Same as above; medium to coarse-grained sand. | |
| 15 | | | | | | | | 2-inch thick CLAY lense. | 15.0 |
| | | | | | 0.0 | CL | | Sandy CLAY; dark gray; very moist; mostly medium plasticity fines; some very fine-grained sand; no odor. | |
| | | | | | | SP | | Poorly-graded SAND; light gray; moist; mostly medium to coarse-grained sand; trace fines. | 16.5 |
| 20 | | | | | 0.0 | | | Same as above; trace medium gravel. | 21.0 |
| | | | | | | CL | | 3-inch thick clay interbed; dark gray; no odor. | 21.3 |
| | | | | | | SP | | Poorly-graded SAND; light gray; moist; mostly medium to coarse-grained sand; trace fines. | |
| | | | | | | CL | | Sandy CLAY; light gray; moist; mostly low plasticity fines; some very fine to fine-grained sand; laminated; no odor. | 23.5 |
| 25 | | | | | 0.0 | SP | | Poorly-graded SAND; light gray; moist; mostly medium to coarse-grained sand; trace fines. | 25.5 |
| | | | | | | | | Same as above; grades into medium to coarse-grained sand. | |
| | | | | | | | | Same as above; trace gravel. | |
| 30 | | | | | | | | | |

WELL DIAGRAM

- hydrated bentonite seal
- dry bentonite
- #3 sand pack filter
- soil vapor probe
- dry bentonite
- hydrated bentonite seal
- dry bentonite
- #3 sand pack filter
- soil vapor probe
- dry bentonite
- hydrated bentonite seal

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-4

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/18/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; light gray; moist; mostly medium to coarse-grained sand; trace fines. *(continued)* | | |
| | | | | | | | | | 32.0 | |
| | | | | | | SW | | Well-graded SAND; light to dark gray; moist; mostly fine to coarse-grained sand; trace fine to medium gravel; no odor. | 33.0 | |
| | | | | | | CL | | CLAY; dark gray; moist; mostly low plasticity fines; trace to few very fine to fine-grained sand; no odor. | 33.5 | |
| | | | | | | SW | | Well-graded SAND; light to dark gray; moist; mostly fine to coarse-grained sand; trace to few fine to medium gravel; no odor. | | dry bentonite<br>#3 sand filter pack<br>soil vapor probe |
| 35 | | | | | 0.0 | | | | 35.5 | |

Total Depth: 35.5 feet
No Groundwater Encountered
Soil Vapor Probes set at 5, 14, and 35 feet bgs

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-5 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/23/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 3-inch thick asphalt over; | 0.3 |
| | | | LV-5-1 | | 0.0 | CL | | Silty SAND with GRAVEL; brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel. | 1.0 |
| | | | | | | | | CLAY with SAND; dark brown to olive brown mottled with orange; mostly low to medium plasticity fines; few to little very fine-grained sand; no odor. | |
| | | | | | | | | Same as above; trace to few very fine-grained sand. | |
| 5 | | | LV-5-5 | | 0.0 | SC | | Clayey SAND; brown; moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor. | 5.0 |
| | | | | | | SP | | Poorly-graded SAND; light gray to light brown; moist; mostly fine-grained sand, trace medium; trace fine gravel. | 7.0 |
| 10 | | | LV-5-10/LV-5-10DUP | | 0.0 | | | Same as above; mostly medium-grained sand, trace coarse. | |
| 15 | | | LV-5-15 | | 0.0 | | | | |
| | | | | | | CL | | CLAY with SAND; dark brown mottled with orange brown; moist; mostly low to medium plasticity fines; little very fine-grained sand; angular contact with underlying unit; no odor | 16.0 |
| | | | | | | SP | | Poorly-graded SAND; light gray to light brown; moist; mostly medium-grained sand, trace coarse; trace fine gravel. | 16.5 |
| 20 | | | LV-5-20 | | 0.0 | | | Same as above; light brown; mostly fine-grained sand, trace medium and coarse. | |
| | | | | | | CL | | CLAY; olive brown mottle with orange and brown; moist; mostly medium plasticity fines; trace fine-grained sand; no odor. | 24.0 |
| 25 | | | | | 0.0 | CL SW | | CLAY interbedded with Well-graded SAND; dark gray to olive brown; moist; mostly low to medium plasticity fines; few very fine to fine-grained sand; thinly bedded; no odor; SAND; pale orange to light gray; moist; mostly fine to coarse sand; trace fine gravel; thinly bedded. | 25.5 |
| | | | | | | CL | | CLAY with SAND; dark gray to gray; moist; mostly low plasticity to medium plasticity fines; few to little very fine-grained sand; no odor. | 28.0 |
| 30 | | | | | | SW | | | 29.5 |

WELL DIAGRAM: hydrated bentonite seal; dry bentonite; #3 sand pack filter; soil vapor probe; dry bentonite; hydrated bentonite seal

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-5

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/23/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SW | | Well-graded SAND; light brown to pale orange; moist; fine to coarse sand; trace to few fine gravel. *(continued)* | 31.0 | |
| | | | | | | | | Cobble; fragmented. | 31.3 | |
| | | | | | | SP | | Poorly-graded SAND; light brown; moist; mostly medium-grained sand, trace coarse; trace fines. | | dry bentonite; #3 sand pack filter; soil vapor probe |
| | | | | | | | | | 34.5 | |
| 35 | | | | | 0.0 | CL | | CLAY with SAND; dark gray to gray; moist; mostly low plasticity to medium plasticity fines; few to little very fine-grained sand; no odor. | 35.5 | |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 20 and 34 feet bgs | | |

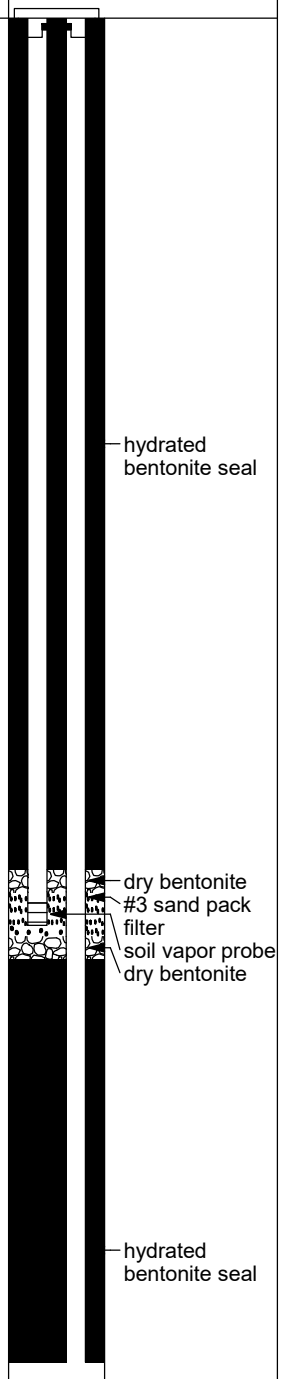
LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-6 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SP | | **Surface:** 5-inch thick asphalt over; Poorly-graded SAND with SILT; pale orange brown; moist; mostly medium-grained sand; few non-plastic fines. | 0.4 |
| | | | LV-6-1 | | 0.0 | | | | |
| | | | | | | CL | | CLAY; brown to dark brown; moist; mostly low to medium plasticity fines; trace very fine to fine-grained sand. | 2.5 |
| 5 | | | LV-6-5 | | 0.0 | | | Same as above; dark brown; medium plasticity. | |
| | | | | | | SC | | Clayey SAND; dark brown to dark gray; mostly very fine to fine-grained sand; some low to medium plasticity fines. | 7.5 |
| 10 | | | LV-6-10 | | 0.0 | SW | | Same as above; trace fine gravel. Well-graded SAND with GRAVEL; pale orange to light brown; moist; mostly fine to coarse-grained sand; few to little fine to medium gravel. Same as above; light gray. | 10.0 |
| 15 | | LV-6-15/ | LV-6-[illegible]DUP | | 0.0 | | | Cobble; fragmented. | |
| | | | | | | SP | | Poorly-graded SAND; light gray to tan; moist; mostly fine-grained sand; trace fines. | 16.0 |
| 20 | | | LV-6-20 | | 0.0 | | | Same as above; mostly medium sand; pale orange. 1-inch clay lense; dark brown. | |
| 25 | | | | | 0.0 | SW | | Well-graded SAND; light gray to light brown; mostly fine to coarse-grained sand; trace fine gravel. | 25.0 |
| | | | | | | | | 2"-thick clay layer; dark brown; moist. | 27.0 |
| | | | | | | CL | | CLAY; dark gray; moist; mostly medium plasticity fines; no odor. | 27.3 |
| 30 | | | | | | | | Well-graded SAND; light gray to light brown; mostly fine to coarse-grained sand; trace fine gravel. | |




LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-6

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| 35 | | | | | 0.0 | | | Well-graded SAND; light gray to light brown; mostly fine to coarse-grained sand; trace fine gravel. *(continued)* | | |
| | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand pack<br>filter<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 20 and 35 feet bgs | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-7 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 3-inch thick concrete over; | 0.3 |
| | | | LV-7-1 | | 650.5 | | | Silty SAND with GRAVEL; gray to light gray; slightly moist; mostly medium to coarse-grained sand; some non-plastic fines; trace gravel. | 1.5 |
| | | | | | | CL | | CLAY; dark gray to olive gray; moist; mostly low plasticity fines; trace very fine sand; no odor. | |
| 5 | | | LV-7-5 | | 0.0 | | | Same as above; medium plasticity. | 5.5 |
| | | | | | | SP | | Poorly-graded SAND; brown; moist; mostly fine-grained sand; few fines. | 7.5 |
| | | | | | | CH | | CLAY; brown to olive brown; moist; mostly medium to high plasticity fines; no odor. | |
| 10 | | | LV-7-10 | | 0.0 | | | | 11.5 |
| | | | | | | SC | | Clayey SAND; brown to light brown; mostly fine-grained sand; some low plasticity fines; no odor. | 12.0 |
| | | | | | | SP | | Poorly-graded SAND; brown; moist; mostly fine-grained sand; few fines. | |
| 15 | | | | | 0.0 | SC | | Clayey SAND to Sandy CLAY; brown; moist; mostly to some fine-grained sand; some to mostly low plasticity fines. | 15.0 |
| | | | | | | SW | | Well-graded SAND with GRAVEL; gray to light gray; mostly fine to coarse-grained sand; little to some fine to coarse gravel. | 17.5 |
| 20 | | | | | 0.0 | | | | |
| 25 | | | | | 0.0 | CL | | CLAY; dark gray; moist; mostly medium plasticity fines; trace to few very fine-grained sand; no odor; thinly interbedded sand. | 25.0 |
| | | | | | | SP | | Poorly-graded SAND; light gray with bands of brown and dark brown; moist; mostly fine to medium-grained sand; trace fines; no odor. | 28.5 |
| 30 | | | | | | | | | |

WELL DIAGRAM: hydrated bentonite seal; dry bentonite; #3 sand pack; filter; soil vapor probe; dry bentonite; dry bentonite; #3 sand pack; filter; soil vapor probe; dry bentonite; hydrated bentonite seal

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-7

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; light gray with bands of brown and dark brown; moist; mostly fine to medium-grained sand; trace fines; no odor. *(continued)* | | |
| 35 | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand filter pack<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 7, 15, and 35 feet bgs | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-8 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/18/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 2-inch thick concrete over; Silty SAND with GRAVEL; dark brown to dark gray; moist; mostly fine to coarse-grained sand; some non-plastic fines; few fine to coarse gravel; TPH odor. Plastic and metal cap trash debris. | 0.2 |
| | | | LV-8-1 | | 45.6 | | | | 3.0 |
| | | | LV-8-3 | | | CL | | Sandy CLAY; dark grayish brown; moist; mostly low plasticity fines; little very fine to fine-grained sand; no odor; angular contact with underlying unit | 4.5 |
| 5 | | | LV-8-5 | | 0.0 | SP | | lense of Poorly-graded SAND; red-orange to orange; dry; mostly very fine-grained sand; stong cementation. | 5.0 |
| | | | | | | SC | | Clayey SAND; tan to light brown; moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor; no discoloration. | 7.5 |
| | | | | | | CL | | Sandy CLAY; brown; moist; mostly low plasticity to medium plasticity fines; some very fine to fine-grained sand. | 8.0 |
| | | | | | | SP | | | 8.5 |
| | | | | | | CL | | Poorly-graded SAND; light brown to brown; moist; mostly fine-grained sand. | 10.0 |
| 10 | | | LV-8-10 | | 0.0 | SP | | Sandy CLAY; dark brown to gray; moist; mostly low plasticity to medium plasticity fines; some very fine to fine-grained sand. | 10.8 |
| | | | | | | SC | | Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand; trace fines. | 11.8 |
| | | | | | | SP | | Clayey SAND; dark grayish brown; moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor. | 13.0 |
| | | | | | | SC | | Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand; trace fines. | 13.3 |
| 15 | | | | | 0.0 | SP | | Clayey SAND; dark grayish brown; moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor. Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand; trace fines. Same as above; medium to coarse-grained sand. Same as above; tan to gray; trace gravel. | |
| 20 | | | | | 0.0 | | | | 22.0 |
| | | | | | | | | Cobble; fragmented. | 22.5 |
| | | | | | | SP | | Poorly-graded SAND; tan to gray; slightly moist; mostly medium to coarse-grained sand; trace fines. | 24.0 |
| | | | | | | SM | | Silty SAND; dark brown to gray; moist. | 24.3 |
| 25 | | | | | 0.0 | SP | | Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand; trace fines. | 26.5 |
| | | | | | | CL | | Sandy CLAY to Clayey SAND; dark brown; moist; mostly to some low plasticity fines; some to mostly very fine to fine-grained sand; no odor. | 28.0 |
| | | | | | | SP | | Poorly-graded SAND; light brown; moist; mostly fine-grained sand; trace fines. | 29.0 |
| 30 | | | | | | CL | | CLAY; dark brown; moist; mostly low plasticity fines. | 29.3 |

WELL DIAGRAM

- hydrated bentonite seal
- dry bentonite
- #3 sand pack filter
- soil vapor probe
- dry bentonite
- dry bentonite
- #3 sand pack filter
- soil vapor probe
- dry bentonite
- hydrated bentonite seal

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

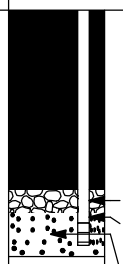
**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-8

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/18/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; tan to gray; slightly moist; mostly medium to coarse-grained sand; trace fines. *(continued)* | | |
| | | | | | | SP | | Same as above; light gray. | 31.0 | |
| | | | | | | | | Cobble; fragmented. | 31.5 | |
| | | | | | | CL | | Sandy CLAY; dark reddish brown; moist; mostly low plasticity fines; some very fine to fine-grained sand; thinly interbedded SP interbeds. | 34.0 | |
| | | | | | | SP | | Poorly-graded SAND; tan to light brown; moist; mostly very fine to fine-grained sand; trace fines; no odor. | | |
| 35 | | | | | 0.0 | | | | 35.5 | |

Total Depth: 35.5 feet
No Groundwater Encountered
Soil Vapor Probes set at 5, 15, and 35 feet bgs




LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-9 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | **Surface:** 5-inch thick aggragate base layer over; Silty SAND; brown; moist; mostly fine to medium-grained sand; some non-plastic fines; trace fine to coarse gravel. | 0.4 |
| | | | LV-9-1 | | 0.0 | | | 2.0 |
| | | | | | | ML | Sandy SILT; dark brown; moist; mostly non-plastic fines; some very fine to fine-grained sand. | |
| 5 | | | LV-9-5 | | 0.0 | | | 5.5 |
| | | | | | | SM | Silty SAND; brown; moist; mostly very fine to fine-grained sand; little non-plastic fines. | 6.5 |
| | | | | | | CL | CLAY; brown to dark brown; mostly low to medium plasticity fines; trace very fine-grained sand; no odor. | |
| 10 | | | LV-9-10<br>LV-9-10-DUP | | 0.0 | SP | Poorly-graded SAND; light grayish brown to dark gray; moist; mostly fine-grained sand, trace medium; trace fines. | 10.0 |
| | | | | | | SC | Clayey SAND; orange brown to brown; moist; mostly fine-grained sand; little low plasticity fines. | 14.5<br>15.0 |
| 15 | | | | | | SP | Poorly-graded SAND; light brown to light gray; moist; mostly fine-grained sand, trace medium; trace fines.<br>2-inch thick clay interbed.<br>Same as at 15 feet; medium-grained sand, trace coarse. | 18.0 |
| | | | | | | CL | CLAY; dark gray; mostly medium plasticity fines; trace very fine-grained sand; no odor. | 18.5 |
| | | | | | | SP | Poorly-graded SAND; light brown to light gray; moist; mostly medium-grained sand, trace medium; trace fines. | |
| 20 | | | | | | | Same as above; few fine gravel. | |
| | | | | | | | | 25.0 |
| 25 | | | | | | GW | Well-graded GRAVEL with SAND; light gray; slightly moist; mostly fine to coarse gravel; some fine to coarse-grained sand. | 25.5 |
| | | | | | | SW | | 26.0 |
| | | | | | | SC | Well-graded SAND; light gray to brown to orange brown; moist; mostly fine to coarse-grained sand; few fine gravel. | 27.5 |
| | | | | | | CL | Clayey SAND; brown mottled with orange; mostly fine-grained sand; some non-plastic to low plasticity. | 29.0 |
| 30 | | | | | | SC | CLAY; gray to dark gray; mostly low plasticity fines; trace very fine-grained; no odor. | 30.0 |

WELL DIAGRAM

- hydrated bentonite seal
- dry bentonite
- #3 sand pack
- filter
- soil vapor probe
- dry bentonite
- dry bentonite
- #3 sand pack
- filter
- soil vapor probe
- dry bentonite
- hydrated bentonite seal

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-9

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CL | | Clayey SAND; brown mottled with orange; mostly fine-grained sand; some non-plastic to low plasticity. CLAY; gray to dark gray; mostly medium plasticity fines; trace very fine-grained; no odor. | 33.0 | |
| 35 | | | | | | SP | | Poorly-graded SAND; gray; mostly fine-grained sand; trace to few fines; no odor. | 35.5 | dry bentonite, #3 sand filter pack, soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 6, 15, and 35 feet bgs | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

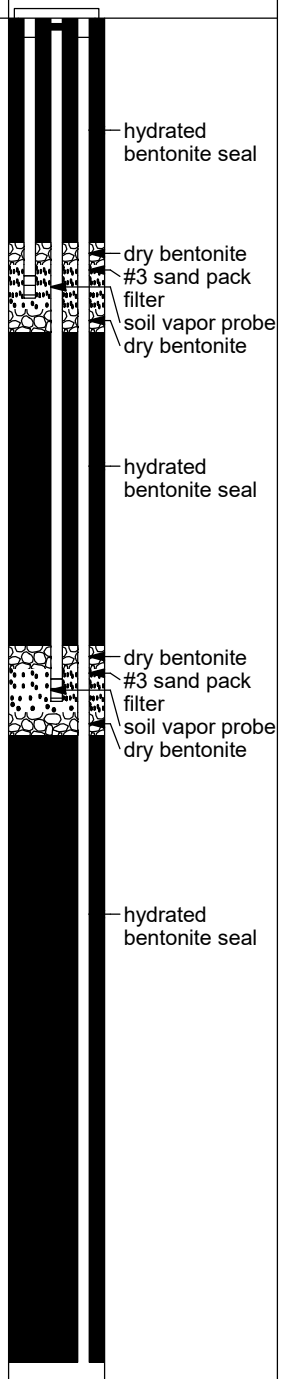
A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-10 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | **Surface:** 5-inch thick gravel base material over; Silty SAND with GRAVEL; dark brown to brown; dry to slightly moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel; asphalt and brick fragments. | 0.4 |
| | | | LV-10-1 | | 0.0 | ML | Sandy SILT; reddish brown to orange brown; dry to slightly moist; mostly fines, non-plastic; some very fine to fine-grained sand, trace medium; no odor. | 2.0 |
| 5 | | | LV-10-5 | | 0.0 | SP | Poorly-graded SAND; light brown to light yellowish brown; moist; mostly fine-grained sand, trace medium; trace to few non-plastic fines. | 5.5 |
| | | | | | | CL | Sandy CLAY; dark brown; moist; mostly fines, low plasticity; few to little very fine to fine-grained sand. | 7.5 |
| | | | | | | SP | Poorly-graded SAND; light brown to light yellowish brown; moist; mostly fine-grained sand, trace medium; trace to few non-plastic fines. | 7.9 |
| 10 | | | LV-10-10 | | 0.0 | CL | 3-inch thick Sandy CLAY layer. | 9.8 |
| | | | | | | SP | Poorly-graded SAND; light brown to light yellowish brown; moist; mostly fine-grained sand, trace medium; trace to few non-plastic fines. Same as above; light gray to light brown; mostly fine to medium-grained sand. | 10.0 |
| 15 | | | | | 0.0 | | Same as above; medium-grained sand, trace coarse. | |
| 20 | | | | | 0.0 | | 1-inch thick clay interbed. | |
| 25 | | | | | 0.0 | | Same as above; trace fine gravel for the next 3 inches. | |
| | | | | | | SW | Well-graded SAND; dry to slightly moist; light gray mottled with orange brown; mostly fine to coarse-grained sand; few fine to medium gravel. | 26.0 |
| | | | | | | | | 28.5 |
| | | | | | | SP | Cobble; fragmented. | 29.0 |
| 30 | | | | | | | | |

WELL DIAGRAM




LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-10

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/21/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; light gray with banded dark brown and reddish brown; moist; mostly medium-grained sand, trace coarse; trace to few non-plastic fines. *(continued)* | 31.5 | |
| | | | LV-10-35 | | 0.0 | CL | | CLAY; dark gray; moist; mostly fines, medium plasticity fines; trace very fine sand; no odor. | 32.5 | |
| | | | | | | SP | | Same as above; dark brown. | | |
| 35 | | | | | 0.0 | | | Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand, trace coarse; trace fines. Cobble; fragmented. | 35.5 | dry bentonite<br>#3 sand filter pack<br>soil vapor probe |

Total Depth: 35.5 feet
No Groundwater Encountered
Soil Vapor Probes set at 6, 15, and 35 feet bgs

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-11 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface** 5-inch thick layer of concrete over; | 0.4 | |
| | | | LV-11-1 | | 0.0 | SM | | Silty SAND with GRAVEL; brown to dark brown; moist; mostly fine to medium-grained sand; some non-plastic fines; few to little fine to coarse gravel. | 2.0 | |
| | | | LV-11-2 | | 0.0 | CL | | CLAY; grayish brown to brown; mostly low plasticity fines; few very fine to fine-grained sand; no odor. | | |
| 5 | | | LV-11-5 | | 0.0 | | | | 6.5 | |
| | | | LV-11-7 | | 0.0 | SP | | Poorly-graded SAND; light brown; moist; mostly fine-grained sand; few fines; no odor. | | |
| | | | | | | | | Same as above; grades to light grayish brown mottled with reddish orange and dark brown. | | |
| 10 | | | LV-11-10 | | 0.0 | | | | 10.0 | |
| | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with bentonite | | |

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-12 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface:** 4-inch thick concrete layer over; | 0.3 | |
| | | | LV-12-1 | | 0.6 | SM | | Silty SAND with GRAVEL; brown; moist; mostly fine to medium-grained sand; little non-plastic fines; no odor. | 1.5 | |
| | | | | | | ML | | SILT; grayish brown; slightly moist; mostly non-plastic fines; trace very fine-grained sand; no odor. | 2.5 | |
| | | | LV-12-2 | | 0.0 | CL | | Sandy CLAY; grayish brown to dark brown; moist; mostly low to medium plasticity fines; little very fine to fine-grained sand; no odor. | | |
| 5 | | | LV-12-5 | | 0.0 | | | | 5.5 | |
| | | | | | | SP | | Poorly-graded SAND with SILT; light grayish brown; moist; mostly fine-grained sand; few to little non-plastic fines; no odor. | 7.5 | |
| | | | LV-12-7 | | 0.0 | CL | | CLAY; grayish brown mottled with orange; moist; mostly low plasticity fines; trace to few very fine-grained sand. | 8.0 | |
| | | | | | | SP | | Poorly-graded SAND; light brown mottled with orange and gray; mostly fine-grained sand; trace to few fines; trace rootlets. | | |
| 10 | | | LV-12-10 | | 0.0 | | | | 10.0 | |

Total Depth: 10 feet
No Groundwater Encountered
Backfilled with bentonite

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-13 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/18/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 3-inch thick asphalt over; | 0.3 | |
| | | | LV-13-1 | | 0.6 | CL | | Silty SAND with GRAVEL: brown to dark brown; mostly fine to medium-grained sand; some non-plastic fines; few to little fine to coarse gravel. | 1.0 | |
| | | | LV-13-2 | | 0.0 | | | Sandy CLAY; brown; moist; mostly low plasticity fines; some very fine to fine-grained sand; no odor. | | |
| 5 | | | LV-13-5 | | 0.0 | SM | | Silty SAND; light brown to orange brown; mostly fine to medium-grained sand; some non-plastic fines. | 5.0 | |
| | | | LV-13-7 | | 0.0 | | | Same as above; light brown mottled with reddish brown and gray. | 8.0 | |
| | | | | | | SP | | Poorly-graded SAND; light gray; moist; mostly fine-grained sand; trace fines; no odor. | | |
| 10 | | | LV-13-10 | | 0.0 | | | | 10.0 | |

Total Depth: 10 feet
No Groundwater Encountered
Backfilled with bentonite

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-14A |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/18/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | LV-14A-1 | | 13.9 | SM | | **Surface:** 5-inch thick asphalt layer over; Silty SAND with GRAVEL; dark grayish brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel; slight TPH odor. | 0.4 | |
| | | | LV-14A-2 | | 4.2 | | | | | |
| 5 | | | LV-14A-5 | | 0.0 | CL | | Sandy CLAY; olive brown; moist; mostly medium plasticity fines; some very fine to fine-grained sand. | 4.5 | |
| | | | LV-14A-7 | | 0.0 | SC CL | | Clayey SAND to Sandy CLAY; gray to light gray; moist; mostly to some very fine to fine-grained sand; some to mostly low to medium plasticity fines; no odor. | 6.5 | |
| 10 | | | LV-14A-10 | | 0.0 | CL | | CLAY with SAND; dark gray moist; medium plasticity fines; few to little very fine to fine-grained sand. | 9.0<br>10.0 | |

Total Depth: 10 feet
No Groundwater Encountered
Backfilled with bentonite

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001
**PROJECT NAME** Rosemead Holding LLC
**LOCATION** South El Monte, California
**DRILLING METHOD** Direct Push
**SAMPLING METHOD** Direct Push
**GROUND ELEVATION**
**TOP OF CASING**
**LOGGED BY** M. Vilkas
**REMARKS** No probes installed

**BORING/WELL NUMBER** LV-14B
**DATE DRILLED** 6/18/2021
**CASING TYPE/DIAMETER**
**SCREEN TYPE/SLOT**
**GRAVEL PACK TYPE**
**GROUT TYPE/QUANTITY**
**DEPTH TO WATER**
**GROUND WATER ELEVATION**

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface:** 5-inch thick asphalt layer over; | 0.4 | |
| | | | | | | SM | | Silty SAND with GRAVEL; dark grayish brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel; slight TPH odor. | 2.0 | |
| | | | LV-14B | | 2.2 | | | | | |

Total Depth: 2 feet
No Groundwater Encountered
Backfilled with bentonite

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-15 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SP | | **Surface:** 4-inch thick concrete layer over; Poorly-graded SAND with SILT; light grayish brown to brown; moist; mostly fine-grained sand; few non-plastic fines; no odor. | 0.3 | |
| | | | LV-15-1 | | 0.0 | | | | | |
| | | | LV-15-2 | | 0.0 | | | | | |
| 5 | | | LV-15-5 | | 0.0 | | | | | |
| | | | LV-15-7 | | 0.0 | | | Same as above; grades to brown and orange brown. | | |
| | | | LV-15-10 | | 0.0 | | | | 10.0 | |
| 10 | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with bentonite | | |

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-16 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface:** 5-inch thick concrete over; | 0.4 | |
| | | | | | | SM | | Silty SAND with GRAVEL; grayish brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; trace to few fine to medium gravel; no odor. | 1.0 | |
| | | | LV-16-1 | | 0.0 | CL | | Cobble; fragmented | 2.5 | |
| | | | LV-16-2 | | 0.0 | SC | | Sandy CLAY; moist; dark grayish brown; mostly low plasticity fines; some very fine to fine-grained sand; no odor. | 3.0 | |
| | | | | | | SP | | Clayey SAND; dark brown; moist; mostly fine-grained sand; some non-plastic to low plasticity fines; no odor. | | |
| 5 | | | LV-16-5 | | 0.0 | | | Poorly-graded SAND; light brown mottled with reddish orange; moist; mostly fine to medium-grained sand; trace to few fines. | | |
| | | | LV-16-7 | | 0.0 | | | | 8.5 | |
| | | | | | | CL | | CLAY; dark brown; moist; mostly low plasticity fines; trace to few very fine to fine-grained sand. | 9.0 | |
| | | | LV-16-10 | | 0.0 | SP | | Poorly-graded SAND; light brown mottled with reddish orange; moist; mostly fine to medium-grained sand; trace to few fines. | 10.0 | |
| 10 | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with bentonite | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-17 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 5-inch thick concrete layer over; Silty SAND; brown ; moist; mostly fine to coarse-grained sand; some non-plastic fine; slight TPH odor. | 0.4 | |
| | | | LV-17-1 | | 78.7 | | | | 1.5 | |
| | | | | | | ML | | Same as above; gray; strong TPH odor. | | |
| | | | LV-17-2 | | 278.0 | | | Sandy SILT; dark gray; moist; mostly non-plastic fines; some fine-grained sand; strong TPH odor. | | |
| 5 | | | | | | | | | 5.0 | |
| | | | LV-17-5 | | 22.2 | SM | | Silty SAND; light gray; moist; mostly fine to medium-grained sand; some non-plastic fines; slight TPH odor. | 6.0 | |
| | | | | | | SP | | Poorly-graded SAND; light gray to tan; moist; mostly very fine to fine-grained sand; few fines; slight TPH odor. | | |
| | | | LV-17-7 | | 2.5 | | | | 8.5 | |
| | | | | | | CL | | CLAY; dark gray; moist; no odor. | 8.8 | |
| | | | LV-17-10 | | 0.0 | SP | | Poorly-graded SAND; light gray to tan; moist; mostly very fine to fine-grained sand; few fines; slight TPH odor. | 10.0 | |
| 10 | | | | | | | | | | |

Total Depth: 10 feet
No Groundwater Encountered
Backfilled with Bentonite

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-18 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | LV-18-1 | | 0.0 | SM | | **Surface:** Silty SAND; light brown; dry; mostly fine to medium-grained sand, trace coarse; some non-plastic fines; scattered rootlets. | | |
| | | | LV-18-2 | | 0.0 | | | | | |
| 5 | | | LV-18-5 | | 0.0 | | | | | |
| | | | LV-18-7.5 | | 0.0 | SP | | Poorly-graded SAND; light brown mottled with orange brown; moist; mostly fine-grained sand; trace fines. | 7.5 | |
| | | | | | | | | | 9.0 | |
| 10 | | | LV-18-10 | | 0.0 | CL | | CLAY; light brown to tan; moist; mostly low plasticity fines; few very fine-grained sand; scattered rootlets. | 10.0 | |
| | | | LV-18-10-DUP | | | | | | | |
| | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with Bentonite | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-19 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | LV-19-1 | | 0.0 | SM | | **Surface:** Silty SAND; light brown to dusky brown; dry to slightly moist; mostly very fine to fine-grained sand, trace medium and coarse; some non-plastic fines; no odor; scattered rootlets. | | |
| | | | LV-19-2 | | 0.0 | | | | 3.0 | |
| | | | | | | ML | | Sandy SILT; light brown to yellowish brown; dry; mostly non-plastic fines; some fine to medium-grained sand; no odor. | | |
| 5 | | | | | | | | Same as above; dark gray mottled with orange. | 5.0 | |
| | | | LV-19-5 | | 0.0 | SM | | Silty SAND; light brown to dusky brown; dry to slightly moist; mostly very fine to fine-grained sand, trace medium and coarse; some non-plastic fines; no odor; scattered rootlets. | | |
| | | | | | | | | | 7.5 | |
| | | | LV-19-7 | | 0.0 | SP | | Poorly-graded SAND; tan to light grayish brown; moist; mostly fine-grained sand, trace medium. | | |
| | | | | | | | | | 9.5 | |
| | | | LV-19-10 | | 0.0 | SM | | Silty SAND; light gray; dry; mostly very fine to fine-grained sand; some non-plastic fines; no odor. | 10.0 | |
| 10 | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with bentonite | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

# APPENDIX D

# LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORMS

Leighton

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62241-1
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*6/25/2021 5:02:33 PM*

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 6
Client Sample Results . . . . . 12
Surrogate Summary . . . . . 56
QC Sample Results . . . . . 59
QC Association Summary . . . . . 77
Lab Chronicle . . . . . 84
Certification Summary . . . . . 93
Method Summary . . . . . 94
Sample Summary . . . . . 95
Chain of Custody . . . . . 96
Receipt Checklists . . . . . 100

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| p | The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-62241-1

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
570-62241-1

**Comments**

**LV-14A-1 (570-62241-8)**
There were 5 Terracores submitted for this sample, four Terracores in water preserved with NaHSO4 for low level analysis and 1 Terracore in methanol for dilution analysis via method 5035. All four Terracores in water were used to analyze for 8015-Gasoline Range Organics and 8260-VOCs, however, the data for 8260-VOC were not reportable due to the lack of acceptable QC response. The preliminary data showed the detections were low and would not need to analyze with dilution using the Terracores in methanol.

A vinyl sleeve was also provided for this sample. An aliquot from the sleeve was prepared via method 5030 and analyzed for 8260-VOCs. Client was notified of the issue and approved the change of the preparation method.

All other samples were reported by EPA 8260/5035 and EPA 8015/5035.

No additional comments.

**Receipt**
The samples were received on 6/18/2021 6:35 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

**GC/MS VOA**
Method 8260B: The initial calibration curve analyzed in batch 570-158636 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-158636.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-158836.

Method 8260B: The following analyte(s) recovered outside control limits for the LCS/LCSD associated with analytical batch 570-158836: Dibromochloromethane and Bromoform. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 570-159143 and analytical batch 570-159176 were outside control limits: (570-62213-A-1-C MS). The associated laboratory control sample (LCS) recovery met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC VOA**
Method 8015B: The continuing calibration verification (CCV) associated with batch 158754 recovered above the upper control limit for Gasoline Range Organics (C4-C13). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 570-158754/34).

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 158746.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 158949.

## Job ID: 570-62241-1 (Continued)

### Laboratory: Eurofins Calscience LLC (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC Semi VOA**

Method 8082: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: LV-14B-2 (570-62241-13). The sample(s) has been quantified and reported as Aroclor 1260. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082: Surrogate recovery for the following sample was outside control limits: LV-8-1 (570-62241-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Metals**

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-159345 and analytical batch 570-159635 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-159348 and analytical batch 570-159634 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**VOA Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-4-1 — Lab Sample ID: 570-62241-1

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 4.4 | | 0.91 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 1.1 | | 0.080 | | mg/Kg | 1 | | 8015B | Total/NA |
| C13-C22 | 42 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 240 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1248 | 69 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1254 | 210 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1260 | 89 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 76.8 | F1 | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.32 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 6.51 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.90 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 5.84 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 12.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 16.1 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-4-5 — Lab Sample ID: 570-62241-2

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.0 | | 0.93 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 7.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 8.7 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 3.94 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 225 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.45 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 9.51 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.69 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.87 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 17.4 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 20.9 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.192 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-4-10 — Lab Sample ID: 570-62241-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | 4.9 | | 1.9 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 6.1 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 6.9 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 6.73 | | 2.49 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 182 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.408 | | 0.249 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.78 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.4 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 18.4 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 12.4 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 27.2 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 38.8 | | 9.95 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-8-1 — Lab Sample ID: 570-62241-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 120 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-8-1 (Continued)

## Lab Sample ID: 570-62241-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 820 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| 1,2-Dichlorobenzene | 110 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| 1,4-Dichlorobenzene | 45 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Ethylbenzene | 1000 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Isopropylbenzene | 100 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| m,p-Xylene | 1500 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| n-Butylbenzene | 330 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| N-Propylbenzene | 140 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| o-Xylene | 910 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| p-Isopropyltoluene | 100 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| sec-Butylbenzene | 90 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Styrene | 150 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Tetrachloroethene | 59 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Toluene | 2200 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Trichloroethene | 160 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| Trichlorofluoromethane | 550 | | 400 | | ug/Kg | 50 | | 8260B | Total/NA |
| Xylenes, Total | 2400 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 1.5 | | 0.081 | | mg/Kg | 1 | | 8015B | Total/NA |
| C13-C22 | 1800 | | 25 | | mg/Kg | 5 | | 8015B | Total/NA |
| C23-C40 | 6000 | | 25 | | mg/Kg | 5 | | 8015B | Total/NA |
| Aroclor-1248 - DL | 13000 | | 2500 | | ug/Kg | 50 | | 8082 | Total/NA |
| Aroclor-1254 - DL | 15000 | | 2500 | | ug/Kg | 50 | | 8082 | Total/NA |
| Aroclor-1260 - DL | 4000 | p | 2500 | | ug/Kg | 50 | | 8082 | Total/NA |
| Barium | 36.1 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.82 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 3.72 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 5.54 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.85 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 6.97 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.9 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.143 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-8-3

## Lab Sample ID: 570-62241-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 390 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 1200 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1248 - DL | 1300 | | 500 | | ug/Kg | 10 | | 8082 | Total/NA |
| Aroclor-1254 - DL | 1600 | | 500 | | ug/Kg | 10 | | 8082 | Total/NA |
| Aroclor-1260 - RA | 470 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 30.1 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.288 | | 0.240 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.11 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 7.29 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.96 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 9.44 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 14.1 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 34.2 | | 9.62 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-8-5 — Lab Sample ID: 570-62241-6

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 13 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 18 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 46.6 | | 0.483 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.03 | | 0.966 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.30 | | 0.966 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.82 | | 0.966 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 5.09 | | 0.483 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 10.9 | | 0.966 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 16.8 | | 9.66 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0996 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-8-10 — Lab Sample ID: 570-62241-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 5.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 34.2 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.30 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.31 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.42 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.36 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 4.39 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-14A-1 — Lab Sample ID: 570-62241-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 8.1 | | 2.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 4.0 | | 2.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| 2-Butanone | 22 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 160 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 11 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| n-Butylbenzene | 1.0 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| o-Xylene | 2.0 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 4.0 | | 2.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| p-Isopropyltoluene | 1.1 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.5 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| Xylenes, Total | 6.0 | | 2.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 0.16 | | 0.069 | | mg/Kg | 1 | | 8015B | Total/NA |
| C13-C22 | 530 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 1500 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 200 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 20.4 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.42 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 8.46 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.1 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.77 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 17.5 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.195 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-14A-2.5 — Lab Sample ID: 570-62241-9

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 19 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-14A-2.5 (Continued) — Lab Sample ID: 570-62241-9

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 32 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 19.5 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.62 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 4.20 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 2.97 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 4.33 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 7.75 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.2 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0897 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-14A-5 — Lab Sample ID: 570-62241-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 22 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Methyl-t-Butyl Ether (MTBE) | 1.7 | | 1.6 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 15 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 16 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 2.86 | | 2.60 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 141 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.370 | | 0.260 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 6.31 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 11.8 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 19.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.6 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 21.7 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 43.9 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 18.0 | | 5.21 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-14A-7.5 — Lab Sample ID: 570-62241-11

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 10 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 13 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 44.8 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.48 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.19 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.20 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 5.27 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.38 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 17.1 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.120 | | 0.0794 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-14A-10 — Lab Sample ID: 570-62241-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 34 | | 21 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 5.1 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 7.1 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 38.2 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.49 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 4.87 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.96 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-14A-10 (Continued)

Lab Sample ID: 570-62241-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Nickel | 5.01 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.77 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 15.6 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-14B-2

Lab Sample ID: 570-62241-13

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 160 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 440 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1254 - RA | 740 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1260 - RA | 550 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 35.4 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.36 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 3.26 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.57 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.81 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 5.96 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 15.8 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 6.53 | | 5.15 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-13-1

Lab Sample ID: 570-62241-14

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | 24 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 120 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.9 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.8 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 1.7 | | 1.5 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 0.17 | | 0.066 | | mg/Kg | 1 | | 8015B | Total/NA |
| C13-C22 | 27 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 22 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 17.3 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.06 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 4.46 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.87 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.88 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 7.21 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.9 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-13-2.5

Lab Sample ID: 570-62241-15

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 17 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 82.0 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.287 | | 0.263 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.93 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 8.26 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 11.5 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 9.02 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 15.0 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 27.4 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 8.08 | | 5.26 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-13-5
## Lab Sample ID: 570-62241-16

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 2.3 | | 0.88 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.6 | | 0.88 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 8.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 11 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 82.8 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.320 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.37 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 9.41 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 13.8 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 9.84 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 15.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 32.4 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 12.7 | | 5.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.134 | | 0.0877 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-13-7.5
## Lab Sample ID: 570-62241-17

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 32.6 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 1.52 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.54 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.56 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 2.49 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 5.03 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 12.1 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.201 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-13-10
## Lab Sample ID: 570-62241-18

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 10 | | 5.3 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 14 | | 5.3 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 4.61 | | 2.49 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 149 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.553 | | 0.249 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.798 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.58 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.8 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 23.6 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 11.4 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 20.0 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 53.9 | | 9.95 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 28.4 | | 4.98 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dibromoethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,3-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 2-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 4-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| **Acetone** | **18** | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Benzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromodichloromethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Carbon disulfide | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Carbon tetrachloride | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Chlorobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Chloroform | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Dibromomethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Ethylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Methylene Chloride | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Naphthalene | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| n-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| o-Xylene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| p-Isopropyltoluene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| sec-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Styrene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| tert-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| **Tetrachloroethene** | **4.4** | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Toluene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Trichlorofluoromethane | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Vinyl acetate | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Vinyl chloride | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 14:42* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 14:42* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 14:42* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 14:42* | *1* |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1-Dichloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2-Dibromoethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2-Dichloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-4-5**
**Lab Sample ID: 570-62241-2**
**Date Collected: 06/18/21 10:16**
**Matrix: Solid**
**Date Received: 06/18/21 18:35**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,3-Dichloropropane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 2-Chlorotoluene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 4-Chlorotoluene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| **Benzene** | **1.0** | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromodichloromethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Carbon disulfide | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Carbon tetrachloride | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Chlorobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Chloroform | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Dibromomethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Ethylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Isopropylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Methylene Chloride | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Naphthalene | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| n-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| o-Xylene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| p-Isopropyltoluene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| sec-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Styrene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| tert-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Tetrachloroethene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Toluene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Trichlorofluoromethane | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Vinyl acetate | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Vinyl chloride | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 15:10* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 15:10* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 15:10* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 15:10* | *1* |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1-Dichloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dibromoethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dichloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dichloropropane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,3-Dichloropropane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 2-Chlorotoluene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 4-Chlorotoluene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Benzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Bromobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Bromodichloromethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Carbon disulfide | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Carbon tetrachloride | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Chlorobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Chloroform | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Dibromomethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Ethylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Isopropylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Methylene Chloride | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Naphthalene | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| n-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| o-Xylene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| p-Isopropyltoluene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| sec-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Styrene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| tert-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Tetrachloroethene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Toluene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| **Trichloroethene** | **4.9** | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Trichlorofluoromethane | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Vinyl acetate | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Vinyl chloride | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 15:39* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 15:39* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 15:39* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 15:39* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1,1-Trichloroethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1,2-Trichloroethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **1,1-Dichloroethane** | **120** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1-Dichloroethene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1-Dichloropropene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2,3-Trichlorobenzene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2,3-Trichloropropane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **1,2,4-Trimethylbenzene** | **820** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2-Dibromoethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **1,2-Dichlorobenzene** | **110** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2-Dichloroethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2-Dichloropropane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,3,5-Trimethylbenzene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,3-Dichlorobenzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,3-Dichloropropane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **1,4-Dichlorobenzene** | **45** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 2,2-Dichloropropane | ND | | 200 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 2-Butanone | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 2-Chlorotoluene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 2-Hexanone | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 4-Chlorotoluene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 4-Methyl-2-pentanone | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Acetone | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Benzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromobenzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromochloromethane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromodichloromethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromoform | ND | *+ | 200 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromomethane | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Carbon disulfide | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Carbon tetrachloride | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Chlorobenzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Chloroethane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Chloroform | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Chloromethane | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| cis-1,2-Dichloroethene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| cis-1,3-Dichloropropene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Dibromochloromethane | ND | *+ | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Dibromomethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Dichlorodifluoromethane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Di-isopropyl ether (DIPE) | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Ethanol | ND | | 10000 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Ethylbenzene** | **1000** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Ethyl-t-butyl ether (ETBE) | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Isopropylbenzene** | **100** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **m,p-Xylene** | **1500** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Methylene Chloride | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Naphthalene | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **n-Butylbenzene** | **330** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **N-Propylbenzene** | **140** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **o-Xylene** | **910** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **p-Isopropyltoluene** | **100** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **sec-Butylbenzene** | **90** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Styrene** | **150** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Tert-amyl-methyl ether (TAME) | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| tert-Butyl alcohol (TBA) | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| tert-Butylbenzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Tetrachloroethene** | **59** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Toluene** | **2200** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| trans-1,2-Dichloroethene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| trans-1,3-Dichloropropene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Trichloroethene** | **160** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Trichlorofluoromethane** | **550** | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Vinyl acetate | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Vinyl chloride | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Xylenes, Total** | **2400** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *92* | | *80 - 142* | *06/21/21 12:13* | *06/22/21 14:11* | *50* |
| *4-Bromofluorobenzene (Surr)* | *94* | | *80 - 120* | *06/21/21 12:13* | *06/22/21 14:11* | *50* |
| *Dibromofluoromethane (Surr)* | *92* | | *80 - 123* | *06/21/21 12:13* | *06/22/21 14:11* | *50* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | *06/21/21 12:13* | *06/22/21 14:11* | *50* |

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2-Dibromoethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,3-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 2-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 4-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Benzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromodichloromethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Carbon disulfide | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Carbon tetrachloride | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Chlorobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Chloroform | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Dibromomethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Ethylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Isopropylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Methylene Chloride | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Naphthalene | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| n-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| o-Xylene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| p-Isopropyltoluene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| sec-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Styrene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| tert-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Tetrachloroethene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Toluene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Trichlorofluoromethane | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Vinyl acetate | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Vinyl chloride | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 16:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 16:37* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 16:37* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 16:37* | *1* |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1-Dichloropropene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 2,2-Dichloropropane | ND | | 5.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 2-Butanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 2-Hexanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 4-Methyl-2-pentanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Acetone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Bromochloromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 5.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Bromomethane | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Chloroethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Chloromethane | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Dibromochloromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Dichlorodifluoromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Ethanol | ND | | 270 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| m,p-Xylene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| N-Propylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Trichloroethene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Xylenes, Total | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 17:06* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 17:06* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 17:06* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 17:06* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **1,2,4-Trimethylbenzene** | **8.1** | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **1,3,5-Trimethylbenzene** | **4.0** | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **2-Butanone** | **22** | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **Acetone** | **160** | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **Ethylbenzene** | **11** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **n-Butylbenzene** | **1.0** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **o-Xylene** | **2.0** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **m,p-Xylene** | **4.0** | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **p-Isopropyltoluene** | **1.1** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **Toluene** | **2.5** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **Xylenes, Total** | **6.0** | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *110* | | *64 - 141* | *06/23/21 12:31* | *06/23/21 13:23* | *1* |
| *4-Bromofluorobenzene (Surr)* | *92* | | *76 - 120* | *06/23/21 12:31* | *06/23/21 13:23* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *47 - 142* | *06/23/21 12:31* | *06/23/21 13:23* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 12:31* | *06/23/21 13:23* | *1* |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2-Dibromoethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,3-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 2-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 4-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| **Acetone** | **22** | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Benzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromodichloromethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Carbon disulfide | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Carbon tetrachloride | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Chlorobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Chloroform | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Dibromomethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Ethylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Isopropylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Methylene Chloride | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| **Methyl-t-Butyl Ether (MTBE)** | **1.7** | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Naphthalene | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| n-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| o-Xylene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| p-Isopropyltoluene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| sec-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Styrene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| tert-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Tetrachloroethene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Toluene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Trichlorofluoromethane | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Vinyl acetate | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Vinyl chloride | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 17:34* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 17:34* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 17:34* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 17:34* | *1* |

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 2,2-Dichloropropane | ND | | 5.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| **Acetone** | **34** | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 5.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 18:03* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 18:03* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 18:03* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 18:03* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dibromoethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,3-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 2,2-Dichloropropane | ND | | 3.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **2-Butanone** | **24** | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 2-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 4-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **Acetone** | **120** | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **Benzene** | **1.9** | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromodichloromethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromoform | ND | | 3.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Carbon disulfide | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Carbon tetrachloride | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Chlorobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Chloroform | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Dibromomethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Ethylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Methylene Chloride | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Naphthalene | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| n-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| o-Xylene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| p-Isopropyltoluene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| sec-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Styrene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| tert-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Tetrachloroethene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **Toluene** | **1.8** | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **Trichloroethene** | **1.7** | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Trichlorofluoromethane | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Vinyl acetate | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Vinyl chloride | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 18:32* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 18:32* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 18:32* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 18:32* | *1* |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1-Dichloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2-Dibromoethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2-Dichloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,3-Dichloropropane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 2,2-Dichloropropane | ND | | 4.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 2-Chlorotoluene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 4-Chlorotoluene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Acetone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| **Benzene** | **2.3** | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromodichloromethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromoform | ND | | 4.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Carbon disulfide | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Carbon tetrachloride | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Chlorobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Chloroform | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Dibromomethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Ethylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Isopropylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Methylene Chloride | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Naphthalene | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| n-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| o-Xylene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| p-Isopropyltoluene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| sec-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Styrene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| tert-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Tetrachloroethene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| **Toluene** | **2.6** | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Trichlorofluoromethane | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Vinyl acetate | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Vinyl chloride | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 19:00* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 19:00* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 19:00* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 19:00* | *1* |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1-Dichloropropene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 2,2-Dichloropropane | ND | | 5.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 2-Butanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 2-Hexanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 4-Methyl-2-pentanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Acetone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Bromochloromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 5.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Bromomethane | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Chloroethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Chloromethane | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Dibromochloromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Dichlorodifluoromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Ethanol | ND | | 270 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| m,p-Xylene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| N-Propylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Trichloroethene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Xylenes, Total | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 19:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 19:29* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 19:29* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 19:29* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | 1.1 | | 0.080 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 15:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *121* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 15:44* | *1* |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.090 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 19:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 19:56* | *1* |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.078 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 08:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 08:21* | *1* |

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | 1.5 | | 0.081 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 11:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 11:24* | *1* |

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.086 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 20:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 20:43* | *1* |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.12 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 21:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 21:07* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | 0.16 | | 0.069 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 10:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 10:36* | *1* |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.087 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 21:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 21:55* | *1* |

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 22:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 22:19* | *1* |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | 0.17 | | 0.066 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 11:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 11:00* | *1* |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.090 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 09:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 09:10* | *1* |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 10:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 10:12* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 42 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 19:27 | 1 |
| C23-C40 | 240 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 19:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *114* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 19:27* | *1* |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 7.0 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 19:50 | 1 |
| C23-C40 | 8.7 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 19:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 19:50* | *1* |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 6.1 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:11 | 1 |
| C23-C40 | 6.9 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *108* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 20:11* | *1* |

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 1800 | | 25 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:33 | 5 |
| C23-C40 | 6000 | | 25 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:33 | 5 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *101* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 20:33* | *5* |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 390 | | 5.2 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:55 | 1 |
| C23-C40 | 1200 | | 5.2 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *122* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 20:55* | *1* |

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 13 | | 4.7 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:16 | 1 |
| C23-C40 | 18 | | 4.7 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:16 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 114 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 21:16 | 1 |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:38 | 1 |
| C23-C40 | 5.0 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 113 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 21:38 | 1 |

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 530 | | 4.8 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:59 | 1 |
| C23-C40 | 1500 | | 4.8 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 112 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 21:59 | 1 |

**Client Sample ID: LV-14A-2.5**
**Date Collected: 06/18/21 14:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 19 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 23:50 | 1 |
| C23-C40 | 32 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 23:50 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 110 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 23:50 | 1 |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 15 | | 5.1 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:12 | 1 |
| C23-C40 | 16 | | 5.1 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:12 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 116 | | 60 - 138 | 06/23/21 19:56 | 06/25/21 00:12 | 1 |

**Client Sample ID: LV-14A-7.5**
**Date Collected: 06/18/21 14:27**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 10 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:34 | 1 |
| C23-C40 | 13 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 102 | | 60 - 138 | 06/23/21 19:56 | 06/25/21 00:34 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 5.1 | | 4.7 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:55 | 1 |
| C23-C40 | 7.1 | | 4.7 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *112* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 00:55* | *1* |

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 160 | | 5.2 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 01:18 | 1 |
| C23-C40 | 440 | | 5.2 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 01:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *115* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 01:18* | *1* |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 27 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 01:40 | 1 |
| C23-C40 | 22 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 01:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *117* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 01:40* | *1* |

**Client Sample ID: LV-13-2.5**
**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:04 | 1 |
| C23-C40 | 17 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *109* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 02:04* | *1* |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 8.0 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:26 | 1 |
| C23-C40 | 11 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *110* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 02:26* | *1* |

**Client Sample ID: LV-13-7.5**
**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.8 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:47 | 1 |
| C23-C40 | ND | | 4.8 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:47 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *120* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 02:47* | *1* |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **10** | | 5.3 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 03:09 | 1 |
| **C23-C40** | **14** | | 5.3 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 03:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *109* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 03:09* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| **Aroclor-1248** | **69** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| **Aroclor-1254** | **210** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| **Aroclor-1260** | **89** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 00:24* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *81* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 00:24* | *1* |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *93* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 00:43* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 00:43* | *1* |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *74* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 01:18* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *70* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 01:18* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 02:12* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *93* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 02:12* | *1* |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 02:30* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 02:30* | *1* |

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *62* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 02:48* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *82* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 02:48* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-14A-2.5**
**Date Collected: 06/18/21 14:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | *p* | *25 - 126* | *06/21/21 12:33* | *06/23/21 03:06* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *72* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 03:06* | *1* |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *78* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 03:24* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *76* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 03:24* | *1* |

**Client Sample ID: LV-14A-7.5**
**Date Collected: 06/18/21 14:27**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 03:42* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *72* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 03:42* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 04:00* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 04:00* | *1* |

**Client Sample ID: LV-13-2.5**
**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 04:53* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *85* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 04:53* | *1* |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 05:11* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *73* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 05:11* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-13-7.5**
**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *65* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 05:29* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *64* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 05:29* | *1* |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 05:47* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 05:47* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 | 13000 | | 2500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:35 | 50 |
| Aroclor-1254 | 15000 | | 2500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:35 | 50 |
| Aroclor-1260 | 4000 | p | 2500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:35 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *168* | *S1+* | *25 - 126* | *06/21/21 12:33* | *06/23/21 16:35* | *50* |
| *DCB Decachlorobiphenyl (Surr)* | *269* | *S1+* | *20 - 155* | *06/21/21 12:33* | *06/23/21 16:35* | *50* |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 | 1300 | | 500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:53 | 10 |
| Aroclor-1254 | 1600 | | 500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:53 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 16:53* | *10* |
| *DCB Decachlorobiphenyl (Surr)* | *107* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 16:53* | *10* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - RA

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *46* | *p* | *25 - 126* | *06/21/21 12:33* | *06/23/21 13:36* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *111* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 13:36* | *1* |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| **Aroclor-1260** | **470** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *86* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 13:54* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *97* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 13:54* | *1* |

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| **Aroclor-1254** | **740** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| **Aroclor-1260** | **550** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *103* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 14:47* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *108* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 14:47* | *1* |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - RA (Continued)

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *79* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 15:05* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *86* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 15:05* | *1* |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Arsenic | ND | | 2.60 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Barium** | **76.8** | **F1** | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Beryllium | ND | | 0.260 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Cadmium | ND | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Cobalt** | **3.32** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Chromium** | **6.51** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Copper** | **6.90** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Molybdenum | ND | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Nickel** | **5.84** | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Antimony | ND | F1 | 3.13 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Selenium | ND | F1 | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Thallium | ND | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Vanadium** | **12.3** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Zinc** | **16.1** | | 10.4 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Lead | ND | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Arsenic** | **3.94** | | 2.50 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Barium** | **225** | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Cobalt** | **3.45** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Chromium** | **9.51** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Copper** | **7.69** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Nickel** | **6.87** | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Vanadium** | **17.4** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Zinc** | **20.9** | | 10.0 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Arsenic** | **6.73** | | 2.49 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Barium** | **182** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Beryllium** | **0.408** | | 0.249 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Cobalt** | **7.78** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Chromium** | **12.4** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Copper** | **18.4** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Nickel** | **12.4** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Vanadium** | **27.2** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Zinc** | **38.8** | | 9.95 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Lead | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Arsenic | ND | | 2.44 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Barium** | **36.1** | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Beryllium | ND | | 0.244 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Cobalt** | **3.82** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Chromium** | **3.72** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Copper** | **5.54** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Nickel** | **6.85** | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Vanadium** | **6.97** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Zinc** | **13.9** | | 9.76 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Arsenic | ND | | 2.40 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Barium** | **30.1** | | 0.481 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Beryllium** | **0.288** | | 0.240 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Cobalt** | **5.11** | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Chromium** | **7.29** | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Copper** | **7.96** | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Nickel** | **9.44** | | 0.481 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Vanadium** | **14.1** | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Zinc** | **34.2** | | 9.62 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Arsenic | ND | | 2.42 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Barium** | **46.6** | | 0.483 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Beryllium | ND | | 0.242 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Cadmium | ND | | 0.483 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Cobalt** | **3.03** | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Chromium** | **5.30** | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Copper** | **7.82** | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Molybdenum | ND | | 0.483 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Nickel** | **5.09** | | 0.483 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Antimony | ND | | 2.90 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Selenium | ND | | 4.83 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Thallium | ND | | 4.83 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Vanadium** | **10.9** | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Zinc** | **16.8** | | 9.66 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Lead | ND | | 4.83 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Arsenic | ND | | 2.48 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Barium** | **34.2** | | 0.495 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Beryllium | ND | | 0.248 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Cadmium | ND | | 0.495 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Cobalt** | **2.30** | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Chromium** | **2.31** | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Copper** | **3.42** | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Molybdenum | ND | | 0.495 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Nickel** | **3.36** | | 0.495 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Antimony | ND | | 2.97 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Selenium | ND | | 4.95 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Thallium | ND | | 4.95 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Vanadium** | **4.39** | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Zinc | ND | | 9.90 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Lead | ND | | 4.95 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Barium** | **200** | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Cobalt** | **20.4** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Chromium** | **5.42** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Copper** | **8.46** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Nickel** | **14.1** | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Vanadium** | **8.77** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Zinc** | **17.5** | | 10.0 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |

**Client Sample ID: LV-14A-2.5**
**Date Collected: 06/18/21 14:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Barium** | **19.5** | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Beryllium | ND | | 0.258 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Cobalt** | **2.62** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Chromium** | **4.20** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Copper** | **2.97** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Nickel** | **4.33** | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Vanadium** | **7.75** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Zinc** | **13.2** | | 10.3 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Lead | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Arsenic** | **2.86** | | 2.60 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Barium** | **141** | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Beryllium** | **0.370** | | 0.260 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Cadmium | ND | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Cobalt** | **6.31** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Chromium** | **11.8** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Copper** | **19.3** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Molybdenum | ND | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Nickel** | **10.6** | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Antimony | ND | | 3.13 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Selenium | ND | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Thallium | ND | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Vanadium** | **21.7** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Zinc** | **43.9** | | 10.4 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Lead** | **18.0** | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-14A-7.5**
**Date Collected: 06/18/21 14:27**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Barium** | **44.8** | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Beryllium | ND | | 0.263 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Cobalt** | **3.48** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Chromium** | **5.19** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Copper** | **6.20** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Molybdenum | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Nickel** | **5.27** | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Vanadium** | **8.38** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Zinc** | **17.1** | | 10.5 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Barium** | **38.2** | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Beryllium | ND | | 0.251 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Cobalt** | **3.49** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Chromium** | **4.87** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Copper** | **6.96** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Nickel** | **5.01** | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Vanadium** | **8.77** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Zinc** | **15.6** | | 10.1 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Barium** | **35.4** | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Beryllium | ND | | 0.258 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Cobalt** | **2.36** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Chromium** | **3.26** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Copper** | **7.57** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Nickel** | **3.81** | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Vanadium** | **5.96** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Zinc** | **15.8** | | 10.3 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Lead** | **6.53** | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Arsenic | ND | | 2.59 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Barium** | **17.3** | | 0.518 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Beryllium | ND | | 0.259 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Cadmium | ND | | 0.518 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Cobalt** | **2.06** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Chromium** | **4.46** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Copper** | **3.87** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Molybdenum | ND | | 0.518 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Nickel** | **3.88** | | 0.518 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Antimony | ND | | 3.11 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Selenium | ND | | 5.18 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Thallium | ND | | 5.18 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Vanadium** | **7.21** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Zinc** | **13.9** | | 10.4 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Lead | ND | | 5.18 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |

**Client Sample ID: LV-13-2.5**
**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Barium** | **82.0** | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Beryllium** | **0.287** | | 0.263 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Cobalt** | **4.93** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Chromium** | **8.26** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Copper** | **11.5** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Molybdenum | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Nickel** | **9.02** | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Vanadium** | **15.0** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Zinc** | **27.4** | | 10.5 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Lead** | **8.08** | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Barium** | **82.8** | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Beryllium** | **0.320** | | 0.251 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Cobalt** | **5.37** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Chromium** | **9.41** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Copper** | **13.8** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Nickel** | **9.84** | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Vanadium** | **15.7** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Zinc** | **32.4** | | 10.1 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Lead** | **12.7** | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |

**Client Sample ID: LV-13-7.5**
**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Arsenic | ND | | 2.44 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Barium** | **32.6** | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Beryllium | ND | | 0.244 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Cobalt** | **1.52** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Chromium** | **2.54** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Copper** | **3.56** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Nickel** | **2.49** | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Vanadium** | **5.03** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Zinc** | **12.1** | | 9.76 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Arsenic** | **4.61** | | 2.49 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Barium** | **149** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Beryllium** | **0.553** | | 0.249 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Cadmium** | **0.798** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Cobalt** | **5.58** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Chromium** | **12.8** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Copper** | **23.6** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Nickel** | **11.4** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Vanadium** | **20.0** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Zinc** | **53.9** | | 9.95 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Lead** | **28.4** | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | F2 F1 | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:48 | 1 |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.192** | | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:53 | 1 |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:55 | 1 |

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.143** | | 0.0833 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:57 | 1 |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:59 | 1 |

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0996** | | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:04 | 1 |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:06 | 1 |

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.195** | | 0.0833 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:08 | 1 |

**Client Sample ID: LV-14A-2.5**
**Date Collected: 06/18/21 14:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0897** | | 0.0833 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:10 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:12 | 1 |

**Client Sample ID: LV-14A-7.5**
**Date Collected: 06/18/21 14:27**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.120** | | 0.0794 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:14 | 1 |

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:15 | 1 |

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:17 | 1 |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:19 | 1 |

**Client Sample ID: LV-13-2.5**
**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:21 | 1 |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.134** | | 0.0877 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:26 | 1 |

**Client Sample ID: LV-13-7.5**
**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.201** | | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:28 | 1 |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:30 | 1 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-142) | (80-120) | (80-123) | (80-120) |
| 570-62241-1 | LV-4-1 | 113 | 102 | 106 | 99 |
| 570-62241-2 | LV-4-5 | 114 | 100 | 108 | 99 |
| 570-62241-3 | LV-4-10 | 112 | 99 | 106 | 101 |
| 570-62241-4 | LV-8-1 | 92 | 94 | 92 | 98 |
| 570-62241-6 | LV-8-5 | 111 | 101 | 103 | 99 |
| 570-62241-7 | LV-8-10 | 111 | 103 | 104 | 101 |
| 570-62241-10 | LV-14A-5 | 112 | 100 | 102 | 100 |
| 570-62241-12 | LV-14A-10 | 113 | 102 | 105 | 101 |
| 570-62241-14 | LV-13-1 | 116 | 100 | 107 | 100 |
| 570-62241-16 | LV-13-5 | 112 | 102 | 102 | 102 |
| 570-62241-18 | LV-13-10 | 111 | 102 | 103 | 102 |
| LCS 570-158636/4 | Lab Control Sample | 102 | 101 | 102 | 100 |
| LCS 570-158836/4 | Lab Control Sample | 95 | 99 | 98 | 98 |
| LCSD 570-158636/5 | Lab Control Sample Dup | 101 | 102 | 102 | 101 |
| LCSD 570-158836/5 | Lab Control Sample Dup | 95 | 99 | 97 | 97 |
| MB 570-158636/7 | Method Blank | 101 | 100 | 102 | 100 |
| MB 570-158836/11 | Method Blank | 92 | 95 | 93 | 99 |
| MB 570-158836/12 | Method Blank | 94 | 99 | 96 | 95 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (64-141) | (76-120) | (47-142) | (80-120) |
| 570-62241-8 | LV-14A-1 | 110 | 92 | 104 | 99 |
| LCS 570-159176/3 | Lab Control Sample | 102 | 103 | 101 | 101 |
| LCSD 570-159176/4 | Lab Control Sample Dup | 103 | 103 | 105 | 101 |
| MB 570-159143/3-A | Method Blank | 109 | 97 | 104 | 101 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8015B - Gasoline Range Organics - (GC)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| | | BFB1 |
| Lab Sample ID | Client Sample ID | (42-126) |
| 570-62241-1 | LV-4-1 | 121 |
| 570-62241-2 | LV-4-5 | 114 |
| 570-62241-3 | LV-4-10 | 85 |

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (42-126) |
| 570-62241-4 | LV-8-1 | 78 |
| 570-62241-6 | LV-8-5 | 115 |
| 570-62241-7 | LV-8-10 | 108 |
| 570-62241-8 | LV-14A-1 | 89 |
| 570-62241-10 | LV-14A-5 | 118 |
| 570-62241-12 | LV-14A-10 | 113 |
| 570-62241-14 | LV-13-1 | 80 |
| 570-62241-16 | LV-13-5 | 86 |
| 570-62241-18 | LV-13-10 | 82 |
| LCS 570-158746/34 | Lab Control Sample | 94 |
| LCS 570-158754/19 | Lab Control Sample | 104 |
| LCS 570-158949/3 | Lab Control Sample | 95 |
| LCSD 570-158746/35 | Lab Control Sample Dup | 91 |
| LCSD 570-158754/20 | Lab Control Sample Dup | 105 |
| LCSD 570-158949/4 | Lab Control Sample Dup | 96 |
| MB 570-158746/36 | Method Blank | 78 |
| MB 570-158754/21 | Method Blank | 93 |
| MB 570-158949/5 | Method Blank | 88 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) |
| 570-62241-1 | LV-4-1 | 114 |
| 570-62241-1 MS | LV-4-1 | 98 |
| 570-62241-1 MSD | LV-4-1 | 103 |
| 570-62241-2 | LV-4-5 | 100 |
| 570-62241-3 | LV-4-10 | 108 |
| 570-62241-4 | LV-8-1 | 101 |
| 570-62241-5 | LV-8-3 | 122 |
| 570-62241-6 | LV-8-5 | 114 |
| 570-62241-7 | LV-8-10 | 113 |
| 570-62241-8 | LV-14A-1 | 112 |
| 570-62241-9 | LV-14A-2.5 | 110 |
| 570-62241-10 | LV-14A-5 | 116 |
| 570-62241-11 | LV-14A-7.5 | 102 |
| 570-62241-12 | LV-14A-10 | 112 |
| 570-62241-13 | LV-14B-2 | 115 |
| 570-62241-14 | LV-13-1 | 117 |
| 570-62241-15 | LV-13-2.5 | 109 |
| 570-62241-16 | LV-13-5 | 110 |
| 570-62241-17 | LV-13-7.5 | 120 |
| 570-62241-18 | LV-13-10 | 109 |
| LCS 570-159386/2-A | Lab Control Sample | 108 |
| LCSD 570-159386/3-A | Lab Control Sample Dup | 94 |
| MB 570-159386/1-A | Method Blank | 106 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | TCX1 | DCB1 |
| Lab Sample ID | Client Sample ID | (25-126) | (20-155) |
| 570-62241-1 | LV-4-1 | 83 | 81 |
| 570-62241-1 MS | LV-4-1 | 82 | 80 |
| 570-62241-1 MSD | LV-4-1 | 84 | 80 |
| 570-62241-2 | LV-4-5 | 93 | 83 |
| 570-62241-3 | LV-4-10 | 74 | 70 |
| 570-62241-4 - RA | LV-8-1 | 46 p | 111 |
| 570-62241-4 - DL | LV-8-1 | 168 S1+ | 269 S1+ |
| 570-62241-5 - RA | LV-8-3 | 86 | 97 |
| 570-62241-5 - DL | LV-8-3 | 84 | 107 |
| 570-62241-6 | LV-8-5 | 83 | 93 |
| 570-62241-7 | LV-8-10 | 81 | 83 |
| 570-62241-8 | LV-14A-1 | 62 | 82 |
| 570-62241-9 | LV-14A-2.5 | 72 p | 72 |
| 570-62241-10 | LV-14A-5 | 78 | 76 |
| 570-62241-11 | LV-14A-7.5 | 72 | 72 |
| 570-62241-12 | LV-14A-10 | 85 | 84 |
| 570-62241-13 - RA | LV-14B-2 | 103 | 108 |
| 570-62241-14 - RA | LV-13-1 | 79 | 86 |
| 570-62241-15 | LV-13-2.5 | 83 | 85 |
| 570-62241-16 | LV-13-5 | 72 | 73 |
| 570-62241-17 | LV-13-7.5 | 65 | 64 |
| 570-62241-18 | LV-13-10 | 82 | 84 |
| LCS 570-158675/2-A | Lab Control Sample | 104 | 104 |
| LCSD 570-158675/3-A | Lab Control Sample Dup | 97 | 100 |
| MB 570-158675/1-A | Method Blank | 102 | 94 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-158636/7**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158636/7**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *80 - 142* | | *06/21/21 13:47* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | | *06/21/21 13:47* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* | | *06/21/21 13:47* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *06/21/21 13:47* | *1* |

**Lab Sample ID: LCS 570-158636/4**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 48.97 | | ug/Kg | | 98 | 67 - 122 |
| 1,2-Dibromoethane | 50.0 | 47.60 | | ug/Kg | | 95 | 80 - 123 |
| 1,2-Dichlorobenzene | 50.0 | 48.06 | | ug/Kg | | 96 | 80 - 120 |
| 1,2-Dichloroethane | 50.0 | 48.48 | | ug/Kg | | 97 | 80 - 125 |
| Benzene | 50.0 | 48.62 | | ug/Kg | | 97 | 79 - 120 |
| Carbon tetrachloride | 50.0 | 58.54 | | ug/Kg | | 117 | 69 - 132 |
| Chlorobenzene | 50.0 | 49.29 | | ug/Kg | | 99 | 80 - 120 |
| Di-isopropyl ether (DIPE) | 50.0 | 48.67 | | ug/Kg | | 97 | 62 - 128 |
| Ethanol | 500 | 439.4 | | ug/Kg | | 88 | 48 - 151 |
| Ethylbenzene | 50.0 | 49.61 | | ug/Kg | | 99 | 80 - 120 |
| Ethyl-t-butyl ether (ETBE) | 50.0 | 49.67 | | ug/Kg | | 99 | 66 - 123 |
| Methyl-t-Butyl Ether (MTBE) | 50.0 | 47.79 | | ug/Kg | | 96 | 68 - 120 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-158636/4**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylene | | | 100 | 98.19 | | ug/Kg | | 98 | 79 - 120 | | |
| o-Xylene | | | 50.0 | 49.20 | | ug/Kg | | 98 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

**Lab Sample ID: LCSD 570-158636/5**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 46.14 | | ug/Kg | | 92 | 67 - 122 | 6 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 44.10 | | ug/Kg | | 88 | 80 - 123 | 8 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 45.46 | | ug/Kg | | 91 | 80 - 120 | 6 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 44.37 | | ug/Kg | | 89 | 80 - 125 | 9 | 20 |
| Benzene | | | 50.0 | 44.85 | | ug/Kg | | 90 | 79 - 120 | 8 | 20 |
| Carbon tetrachloride | | | 50.0 | 54.64 | | ug/Kg | | 109 | 69 - 132 | 7 | 20 |
| Chlorobenzene | | | 50.0 | 46.03 | | ug/Kg | | 92 | 80 - 120 | 7 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.17 | | ug/Kg | | 90 | 62 - 128 | 7 | 20 |
| Ethanol | | | 500 | 444.2 | | ug/Kg | | 89 | 48 - 151 | 1 | 29 |
| Ethylbenzene | | | 50.0 | 45.97 | | ug/Kg | | 92 | 80 - 120 | 8 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 45.97 | | ug/Kg | | 92 | 66 - 123 | 8 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 44.35 | | ug/Kg | | 89 | 68 - 120 | 7 | 20 |
| m,p-Xylene | | | 100 | 91.54 | | ug/Kg | | 92 | 79 - 120 | 7 | 20 |
| o-Xylene | | | 50.0 | 46.64 | | ug/Kg | | 93 | 79 - 120 | 5 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: MB 570-158836/11**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1,1-Trichloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1,2-Trichloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1-Dichloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1-Dichloropropene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158836/11**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2,3-Trichloropropane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2,4-Trimethylbenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dibromoethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dichloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dichloropropane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,3,5-Trimethylbenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,3-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,3-Dichloropropane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,4-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 2,2-Dichloropropane | ND | | 250 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 2-Butanone | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 2-Chlorotoluene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 2-Hexanone | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 4-Chlorotoluene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 4-Methyl-2-pentanone | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Acetone | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Benzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromochloromethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromodichloromethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromoform | ND | | 250 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromomethane | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Carbon disulfide | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Carbon tetrachloride | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Chlorobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Chloroethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Chloroform | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| cis-1,2-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Chloromethane | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| cis-1,3-Dichloropropene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Dibromochloromethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Dibromomethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Dichlorodifluoromethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Di-isopropyl ether (DIPE) | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Ethanol | ND | | 13000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Ethylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Ethyl-t-butyl ether (ETBE) | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Isopropylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Methylene Chloride | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Naphthalene | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| n-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| N-Propylbenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| m,p-Xylene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| o-Xylene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158836/11**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| p-Isopropyltoluene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| sec-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Styrene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Tert-amyl-methyl ether (TAME) | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| tert-Butyl alcohol (TBA) | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| tert-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Tetrachloroethene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Toluene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| trans-1,2-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| trans-1,3-Dichloropropene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Trichloroethene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Trichlorofluoromethane | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Vinyl acetate | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Vinyl chloride | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Xylenes, Total | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *92* | | *80 - 142* | | *06/22/21 13:08* | *50* |
| *4-Bromofluorobenzene (Surr)* | *95* | | *80 - 120* | | *06/22/21 13:08* | *50* |
| *Dibromofluoromethane (Surr)* | *93* | | *80 - 123* | | *06/22/21 13:08* | *50* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | | *06/22/21 13:08* | *50* |

**Lab Sample ID: MB 570-158836/12**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158836/12**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158836/12**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *80 - 142* | | *06/22/21 13:45* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | | *06/22/21 13:45* | *1* |
| *Dibromofluoromethane (Surr)* | *96* | | *80 - 123* | | *06/22/21 13:45* | *1* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* | | *06/22/21 13:45* | *1* |

**Lab Sample ID: LCS 570-158836/4**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 49.67 | | ug/Kg | | 99 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 57.77 | | ug/Kg | | 116 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 56.59 | | ug/Kg | | 113 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 54.76 | | ug/Kg | | 110 | 80 - 125 | | |
| Benzene | | | 50.0 | 48.96 | | ug/Kg | | 98 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 51.97 | | ug/Kg | | 104 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 57.61 | | ug/Kg | | 115 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.23 | | ug/Kg | | 98 | 62 - 128 | | |
| Ethanol | | | 500 | 488.3 | | ug/Kg | | 98 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 58.02 | | ug/Kg | | 116 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 50.49 | | ug/Kg | | 101 | 66 - 123 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.35 | | ug/Kg | | 101 | 68 - 120 | | |
| m,p-Xylene | | | 100 | 116.8 | | ug/Kg | | 117 | 79 - 120 | | |
| o-Xylene | | | 50.0 | 59.20 | | ug/Kg | | 118 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *98* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* |

**Lab Sample ID: LCSD 570-158836/5**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 49.89 | | ug/Kg | | 100 | 67 - 122 | 0 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 58.39 | | ug/Kg | | 117 | 80 - 123 | 1 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 56.53 | | ug/Kg | | 113 | 80 - 120 | 0 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 54.82 | | ug/Kg | | 110 | 80 - 125 | 0 | 20 |
| Benzene | | | 50.0 | 48.45 | | ug/Kg | | 97 | 79 - 120 | 1 | 20 |
| Carbon tetrachloride | | | 50.0 | 54.24 | | ug/Kg | | 108 | 69 - 132 | 4 | 20 |
| Chlorobenzene | | | 50.0 | 57.89 | | ug/Kg | | 116 | 80 - 120 | 0 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.65 | | ug/Kg | | 99 | 62 - 128 | 1 | 20 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-158836/5**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ethanol | | | 500 | 533.1 | | ug/Kg | | 107 | 48 - 151 | 9 | 29 |
| Ethylbenzene | | | 50.0 | 58.25 | | ug/Kg | | 116 | 80 - 120 | 0 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 51.85 | | ug/Kg | | 104 | 66 - 123 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 51.05 | | ug/Kg | | 102 | 68 - 120 | 1 | 20 |
| m,p-Xylene | | | 100 | 116.4 | | ug/Kg | | 116 | 79 - 120 | 0 | 20 |
| o-Xylene | | | 50.0 | 59.10 | | ug/Kg | | 118 | 79 - 120 | 0 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* |

**Lab Sample ID: MB 570-159143/3-A**
**Matrix: Solid**
**Analysis Batch: 159176**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159143**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159143/3-A**
**Matrix: Solid**
**Analysis Batch: 159176**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159143**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *64 - 141* | *06/23/21 09:04* | *06/23/21 12:14* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *76 - 120* | *06/23/21 09:04* | *06/23/21 12:14* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *47 - 142* | *06/23/21 09:04* | *06/23/21 12:14* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 09:04* | *06/23/21 12:14* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159176/3**
**Matrix: Solid**
**Analysis Batch: 159176**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.53 | | ug/Kg | | 95 | 68 - 120 | | |
| 1,2-Dibromoethane | | | 50.0 | 48.38 | | ug/Kg | | 97 | 80 - 120 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 50.13 | | ug/Kg | | 100 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 50.25 | | ug/Kg | | 101 | 76 - 126 | | |
| Benzene | | | 50.0 | 50.00 | | ug/Kg | | 100 | 76 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 53.01 | | ug/Kg | | 106 | 68 - 132 | | |
| Chlorobenzene | | | 50.0 | 48.18 | | ug/Kg | | 96 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.52 | | ug/Kg | | 99 | 69 - 123 | | |
| Ethanol | | | 500 | 583.9 | | ug/Kg | | 117 | 46 - 152 | | |
| Ethylbenzene | | | 50.0 | 49.08 | | ug/Kg | | 98 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 42.47 | | ug/Kg | | 85 | 69 - 121 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 46.90 | | ug/Kg | | 94 | 70 - 120 | | |
| m,p-Xylene | | | 100 | 99.50 | | ug/Kg | | 99 | 75 - 122 | | |
| o-Xylene | | | 50.0 | 49.81 | | ug/Kg | | 100 | 76 - 125 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *64 - 141* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *47 - 142* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159176/4**
**Matrix: Solid**
**Analysis Batch: 159176**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.33 | | ug/Kg | | 95 | 68 - 120 | 0 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 48.21 | | ug/Kg | | 96 | 80 - 120 | 0 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 49.26 | | ug/Kg | | 99 | 80 - 120 | 2 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 49.91 | | ug/Kg | | 100 | 76 - 126 | 1 | 20 |
| Benzene | | | 50.0 | 50.20 | | ug/Kg | | 100 | 76 - 120 | 0 | 20 |
| Carbon tetrachloride | | | 50.0 | 53.76 | | ug/Kg | | 108 | 68 - 132 | 1 | 20 |
| Chlorobenzene | | | 50.0 | 48.38 | | ug/Kg | | 97 | 80 - 120 | 0 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.11 | | ug/Kg | | 98 | 69 - 123 | 1 | 20 |
| Ethanol | | | 500 | 599.1 | | ug/Kg | | 120 | 46 - 152 | 3 | 30 |
| Ethylbenzene | | | 50.0 | 48.69 | | ug/Kg | | 97 | 80 - 120 | 1 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 42.81 | | ug/Kg | | 86 | 69 - 121 | 1 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 47.22 | | ug/Kg | | 94 | 70 - 120 | 1 | 20 |
| m,p-Xylene | | | 100 | 97.83 | | ug/Kg | | 98 | 75 - 122 | 2 | 20 |
| o-Xylene | | | 50.0 | 50.23 | | ug/Kg | | 100 | 76 - 125 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *64 - 141* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *105* | | *47 - 142* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-158746/36**
**Matrix: Solid**
**Analysis Batch: 158746**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/22/21 00:19 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *42 - 126* | | *06/22/21 00:19* | *1* |

**Lab Sample ID: LCS 570-158746/34**
**Matrix: Solid**
**Analysis Batch: 158746**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 1.690 | | mg/Kg | | 79 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

**Lab Sample ID: LCSD 570-158746/35**
**Matrix: Solid**
**Analysis Batch: 158746**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 1.754 | | mg/Kg | | 82 | 70 - 124 | 4 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *42 - 126* |

**Lab Sample ID: MB 570-158754/21**
**Matrix: Solid**
**Analysis Batch: 158754**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/21/21 18:44 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* | | *06/21/21 18:44* | *1* |

**Lab Sample ID: LCS 570-158754/19**
**Matrix: Solid**
**Analysis Batch: 158754**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.948 | | mg/Kg | | 92 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *42 - 126* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: LCSD 570-158754/20**
**Matrix: Solid**
**Analysis Batch: 158754**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 1.955 | | mg/Kg | | 92 | 70 - 124 | 0 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *42 - 126* |

**Lab Sample ID: MB 570-158949/5**
**Matrix: Solid**
**Analysis Batch: 158949**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/22/21 14:56 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *42 - 126* | | *06/22/21 14:56* | *1* |

**Lab Sample ID: LCS 570-158949/3**
**Matrix: Solid**
**Analysis Batch: 158949**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.11 | 1.967 | | mg/Kg | | 93 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *42 - 126* |

**Lab Sample ID: LCSD 570-158949/4**
**Matrix: Solid**
**Analysis Batch: 158949**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.959 | | mg/Kg | | 92 | 70 - 124 | 0 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *42 - 126* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-159386/1-A**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 14:45 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 14:45 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: MB 570-159386/1-A**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 106 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 14:45 | 1 |

**Lab Sample ID: LCS 570-159386/2-A**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 415.6 | | mg/Kg | | 104 | 80 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 108 | | 60 - 138 |

**Lab Sample ID: LCSD 570-159386/3-A**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 369.8 | | mg/Kg | | 92 | 80 - 130 | 12 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 94 | | 60 - 138 |

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 140 | | 397 | 551.0 | | mg/Kg | | 104 | 43 - 165 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 98 | | 60 - 138 |

**Lab Sample ID: 570-62241-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 140 | | 401 | 555.8 | | mg/Kg | | 104 | 43 - 165 | 1 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 103 | | 60 - 138 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-158675/1-A**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *102* | | *25 - 126* | *06/21/21 12:33* | *06/22/21 22:55* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *94* | | *20 - 155* | *06/21/21 12:33* | *06/22/21 22:55* | *1* |

**Lab Sample ID: LCS 570-158675/2-A**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 97.52 | | ug/Kg | | 98 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 98.12 | | ug/Kg | | 98 | 50 - 150 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *104* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *104* | | *20 - 155* |

**Lab Sample ID: LCSD 570-158675/3-A**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 91.06 | | ug/Kg | | 91 | 50 - 142 | 7 | 30 |
| Aroclor-1260 | | | 100 | 94.14 | | ug/Kg | | 94 | 50 - 150 | 4 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *97* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *100* | | *20 - 155* |

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.9 | 124.9 | | ug/Kg | | 125 | 20 - 175 | | |
| Aroclor-1260 | 89 | | 99.9 | 123.7 | | ug/Kg | | 35 | 20 - 180 | | |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *80* | | *20 - 155* |

**Lab Sample ID: 570-62241-1 MSD**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.9 | 128.4 | p | ug/Kg | | 129 | 20 - 175 | 3 | 40 |
| Aroclor-1260 | 89 | | 99.9 | 157.6 | | ug/Kg | | 69 | 20 - 180 | 24 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *80* | | *20 - 155* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-159345/1-A**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Barium | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Beryllium | ND | | 0.263 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Cobalt | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Chromium | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Copper | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Molybdenum | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Nickel | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Vanadium | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Zinc | ND | | 10.5 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |

**Lab Sample ID: LCS 570-159345/2-A**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | | | 12.6 | 12.40 | | mg/Kg | | 99 | 80 - 120 | | |
| Arsenic | | | 25.1 | 23.12 | | mg/Kg | | 92 | 80 - 120 | | |
| Barium | | | 25.1 | 27.38 | | mg/Kg | | 109 | 80 - 120 | | |
| Beryllium | | | 25.1 | 24.54 | | mg/Kg | | 98 | 80 - 120 | | |
| Cadmium | | | 25.1 | 24.76 | | mg/Kg | | 99 | 80 - 120 | | |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-159345/2-A**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Cobalt | 25.1 | 24.89 | | mg/Kg | | 99 | 80 - 120 |
| Chromium | 25.1 | 25.51 | | mg/Kg | | 102 | 80 - 120 |
| Copper | 25.1 | 27.28 | | mg/Kg | | 109 | 80 - 120 |
| Molybdenum | 25.1 | 24.47 | | mg/Kg | | 97 | 80 - 120 |
| Nickel | 25.1 | 26.25 | | mg/Kg | | 104 | 80 - 120 |
| Antimony | 25.1 | 24.24 | | mg/Kg | | 96 | 80 - 120 |
| Selenium | 25.1 | 22.03 | | mg/Kg | | 88 | 80 - 120 |
| Thallium | 25.1 | 23.80 | | mg/Kg | | 95 | 80 - 120 |
| Vanadium | 25.1 | 25.45 | | mg/Kg | | 101 | 80 - 120 |
| Zinc | 25.1 | 24.85 | | mg/Kg | | 99 | 80 - 120 |
| Lead | 25.1 | 23.87 | | mg/Kg | | 95 | 80 - 120 |

**Lab Sample ID: LCSD 570-159345/3-A**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Silver | 12.8 | 12.91 | | mg/Kg | | 101 | 80 - 120 | 4 | 20 |
| Arsenic | 25.6 | 23.75 | | mg/Kg | | 93 | 80 - 120 | 3 | 20 |
| Barium | 25.6 | 28.58 | | mg/Kg | | 111 | 80 - 120 | 4 | 20 |
| Beryllium | 25.6 | 25.67 | | mg/Kg | | 100 | 80 - 120 | 5 | 20 |
| Cadmium | 25.6 | 25.65 | | mg/Kg | | 100 | 80 - 120 | 4 | 20 |
| Cobalt | 25.6 | 25.92 | | mg/Kg | | 101 | 80 - 120 | 4 | 20 |
| Chromium | 25.6 | 26.64 | | mg/Kg | | 104 | 80 - 120 | 4 | 20 |
| Copper | 25.6 | 28.50 | | mg/Kg | | 111 | 80 - 120 | 4 | 20 |
| Molybdenum | 25.6 | 25.90 | | mg/Kg | | 101 | 80 - 120 | 6 | 20 |
| Nickel | 25.6 | 27.16 | | mg/Kg | | 106 | 80 - 120 | 3 | 20 |
| Antimony | 25.6 | 25.21 | | mg/Kg | | 98 | 80 - 120 | 4 | 20 |
| Selenium | 25.6 | 24.84 | | mg/Kg | | 97 | 80 - 120 | 12 | 20 |
| Thallium | 25.6 | 24.20 | | mg/Kg | | 94 | 80 - 120 | 2 | 20 |
| Vanadium | 25.6 | 26.54 | | mg/Kg | | 104 | 80 - 120 | 4 | 20 |
| Zinc | 25.6 | 26.60 | | mg/Kg | | 104 | 80 - 120 | 7 | 20 |
| Lead | 25.6 | 25.16 | | mg/Kg | | 98 | 80 - 120 | 5 | 20 |

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.8 | 14.27 | | mg/Kg | | 112 | 75 - 125 |
| Arsenic | ND | | 25.5 | 25.43 | | mg/Kg | | 100 | 75 - 125 |
| Barium | 76.8 | F1 | 25.5 | 117.4 | F1 | mg/Kg | | 159 | 75 - 125 |
| Beryllium | ND | | 25.5 | 29.28 | | mg/Kg | | 114 | 75 - 125 |
| Cadmium | ND | | 25.5 | 27.78 | | mg/Kg | | 109 | 75 - 125 |
| Cobalt | 3.32 | | 25.5 | 32.02 | | mg/Kg | | 113 | 75 - 125 |
| Chromium | 6.51 | | 25.5 | 35.23 | | mg/Kg | | 113 | 75 - 125 |
| Copper | 6.90 | | 25.5 | 36.54 | | mg/Kg | | 116 | 75 - 125 |
| Molybdenum | ND | | 25.5 | 22.91 | | mg/Kg | | 90 | 75 - 125 |
| Nickel | 5.84 | | 25.5 | 34.68 | | mg/Kg | | 113 | 75 - 125 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | F1 | 25.5 | 6.715 | F1 | mg/Kg | | 26 | 75 - 125 |
| Selenium | ND | F1 | 25.5 | 15.58 | F1 | mg/Kg | | 61 | 75 - 125 |
| Thallium | ND | | 25.5 | 27.96 | | mg/Kg | | 110 | 75 - 125 |
| Vanadium | 12.3 | | 25.5 | 41.20 | | mg/Kg | | 113 | 75 - 125 |
| Zinc | 16.1 | | 25.5 | 42.87 | | mg/Kg | | 105 | 75 - 125 |
| Lead | ND | | 25.5 | 30.69 | | mg/Kg | | 110 | 75 - 125 |

**Lab Sample ID: 570-62241-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.3 | 13.79 | | mg/Kg | | 112 | 75 - 125 | 3 | 20 |
| Arsenic | ND | | 24.6 | 24.22 | | mg/Kg | | 98 | 75 - 125 | 5 | 20 |
| Barium | 76.8 | F1 | 24.6 | 113.6 | F1 | mg/Kg | | 149 | 75 - 125 | 3 | 20 |
| Beryllium | ND | | 24.6 | 27.95 | | mg/Kg | | 113 | 75 - 125 | 5 | 20 |
| Cadmium | ND | | 24.6 | 26.47 | | mg/Kg | | 107 | 75 - 125 | 5 | 20 |
| Cobalt | 3.32 | | 24.6 | 31.07 | | mg/Kg | | 113 | 75 - 125 | 3 | 20 |
| Chromium | 6.51 | | 24.6 | 34.13 | | mg/Kg | | 112 | 75 - 125 | 3 | 20 |
| Copper | 6.90 | | 24.6 | 35.99 | | mg/Kg | | 118 | 75 - 125 | 2 | 20 |
| Molybdenum | ND | | 24.6 | 22.03 | | mg/Kg | | 89 | 75 - 125 | 4 | 20 |
| Nickel | 5.84 | | 24.6 | 33.80 | | mg/Kg | | 114 | 75 - 125 | 3 | 20 |
| Antimony | ND | F1 | 24.6 | 5.900 | F1 | mg/Kg | | 24 | 75 - 125 | 13 | 20 |
| Selenium | ND | F1 | 24.6 | 16.78 | F1 | mg/Kg | | 68 | 75 - 125 | 7 | 20 |
| Thallium | ND | | 24.6 | 26.25 | | mg/Kg | | 107 | 75 - 125 | 6 | 20 |
| Vanadium | 12.3 | | 24.6 | 39.82 | | mg/Kg | | 112 | 75 - 125 | 3 | 20 |
| Zinc | 16.1 | | 24.6 | 41.30 | | mg/Kg | | 102 | 75 - 125 | 4 | 20 |
| Lead | ND | | 24.6 | 28.98 | | mg/Kg | | 107 | 75 - 125 | 6 | 20 |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-159348/1-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159348**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:42 | 1 |

**Lab Sample ID: LCS 570-159348/2-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159348**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.820 | 0.8920 | | mg/Kg | | 109 | 85 - 121 |

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCSD 570-159348/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159634**
**Prep Batch: 159348**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.833 | 0.9326 | | mg/Kg | | 112 | 85 - 121 | 4 | 10 |

**Lab Sample ID: 570-62241-1 MS**
**Client Sample ID: LV-4-1**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159634**
**Prep Batch: 159348**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | F2 F1 | 0.794 | 0.5115 | F1 | mg/Kg | | 56 | 71 - 137 | | |

**Lab Sample ID: 570-62241-1 MSD**
**Client Sample ID: LV-4-1**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159634**
**Prep Batch: 159348**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | F2 F1 | 0.833 | 0.6217 | F2 F1 | mg/Kg | | 67 | 71 - 137 | 19 | 14 |

## GC/MS VOA

### Analysis Batch: 158636

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 8260B | 158661 |
| MB 570-158636/7 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-158636/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-158636/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Prep Batch: 158659

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 5035 | |

### Prep Batch: 158661

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 5035 | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 5035 | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 5035 | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 5035 | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 5035 | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 5035 | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 5035 | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 5035 | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 5035 | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 5035 | |

### Analysis Batch: 158836

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 8260B | 158659 |
| MB 570-158836/11 | Method Blank | Total/NA | Solid | 8260B | |
| MB 570-158836/12 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-158836/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-158836/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Prep Batch: 159143

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 5030C | |
| MB 570-159143/3-A | Method Blank | Total/NA | Solid | 5030C | |

### Analysis Batch: 159176

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 8260B | 159143 |
| MB 570-159143/3-A | Method Blank | Total/NA | Solid | 8260B | 159143 |
| LCS 570-159176/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159176/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

## GC VOA

### Prep Batch: 158661

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 5035 | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 5035 | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 5035 | |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 5035 | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 5035 | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 5035 | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 5035 | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 5035 | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 5035 | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 5035 | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 5035 | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 5035 | |

### Analysis Batch: 158746

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 8015B | 158661 |
| MB 570-158746/36 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-158746/34 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-158746/35 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 158754

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 8015B | 158661 |
| MB 570-158754/21 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-158754/19 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-158754/20 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 158949

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 8015B | 158661 |
| MB 570-158949/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-158949/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-158949/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC Semi VOA

### Prep Batch: 158675

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 3546 | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 3546 | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 3546 | |
| 570-62241-4 - DL | LV-8-1 | Total/NA | Solid | 3546 | |

## GC Semi VOA (Continued)

### Prep Batch: 158675 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-4 - RA | LV-8-1 | Total/NA | Solid | 3546 | |
| 570-62241-5 - DL | LV-8-3 | Total/NA | Solid | 3546 | |
| 570-62241-5 - RA | LV-8-3 | Total/NA | Solid | 3546 | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 3546 | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 3546 | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 3546 | |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 3546 | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 3546 | |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 3546 | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 3546 | |
| 570-62241-13 - RA | LV-14B-2 | Total/NA | Solid | 3546 | |
| 570-62241-14 - RA | LV-13-1 | Total/NA | Solid | 3546 | |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 3546 | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 3546 | |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 3546 | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 3546 | |
| MB 570-158675/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-158675/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-158675/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 3546 | |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 3546 | |

### Analysis Batch: 158940

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 8082 | 158675 |
| MB 570-158675/1-A | Method Blank | Total/NA | Solid | 8082 | 158675 |
| LCS 570-158675/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 158675 |
| LCSD 570-158675/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 158675 |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 8082 | 158675 |

### Analysis Batch: 159041

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-4 - RA | LV-8-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-4 - DL | LV-8-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-5 - RA | LV-8-3 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-5 - DL | LV-8-3 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-13 - RA | LV-14B-2 | Total/NA | Solid | 8082 | 158675 |

## GC Semi VOA (Continued)

### Analysis Batch: 159041 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-14 - RA | LV-13-1 | Total/NA | Solid | 8082 | 158675 |

### Prep Batch: 159386

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 3550C | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 3550C | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 3550C | |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 3550C | |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 3550C | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 3550C | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 3550C | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 3550C | |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 3550C | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 3550C | |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 3550C | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 3550C | |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 3550C | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 3550C | |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 3550C | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 3550C | |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 3550C | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 3550C | |
| MB 570-159386/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-159386/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-159386/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 3550C | |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 3550C | |

### Analysis Batch: 159547

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 8015B | 159386 |
| MB 570-159386/1-A | Method Blank | Total/NA | Solid | 8015B | 159386 |
| LCS 570-159386/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 159386 |
| LCSD 570-159386/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 159386 |

## GC Semi VOA (Continued)

### Analysis Batch: 159547 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 8015B | 159386 |

## Metals

### Prep Batch: 159345

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 3050B | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 3050B | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 3050B | |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 3050B | |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 3050B | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 3050B | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 3050B | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 3050B | |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 3050B | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 3050B | |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 3050B | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 3050B | |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 3050B | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 3050B | |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 3050B | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 3050B | |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 3050B | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 3050B | |
| MB 570-159345/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-159345/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-159345/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 3050B | |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 3050B | |

### Prep Batch: 159348

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 7471A | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 7471A | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 7471A | |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 7471A | |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 7471A | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 7471A | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 7471A | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 7471A | |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 7471A | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 7471A | |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 7471A | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 7471A | |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 7471A | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 7471A | |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 7471A | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 7471A | |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 7471A | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 7471A | |

## Metals (Continued)

### Prep Batch: 159348 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 570-159348/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-159348/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-159348/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 7471A | |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 7471A | |

### Analysis Batch: 159634

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 7471A | 159348 |
| MB 570-159348/1-A | Method Blank | Total/NA | Solid | 7471A | 159348 |
| LCS 570-159348/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 159348 |
| LCSD 570-159348/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 159348 |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 7471A | 159348 |

### Analysis Batch: 159635

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 6010B | 159345 |
| MB 570-159345/1-A | Method Blank | Total/NA | Solid | 6010B | 159345 |
| LCS 570-159345/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 159345 |
| LCSD 570-159345/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 159345 |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 6010B | 159345 |

### Analysis Batch: 159850

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 6010B | 159345 |

## Metals (Continued)

### Analysis Batch: 159850 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 6010B | 159345 |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-4-1

**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-1

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.503 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 14:42 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.217 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158949 | 06/22/21 15:44 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.17 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 19:27 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.18 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 00:24 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.92 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159635 | 06/24/21 17:18 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:48 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-4-5

**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-2

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.373 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 15:10 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.57 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 19:56 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.94 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 19:50 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.05 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 00:43 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:22 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:53 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-4-10

**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-3

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.325 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 15:39 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.444 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 08:21 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.95 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 20:11 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.19 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 01:18 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:25 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:55 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-8-1

**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-4

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.209 g | 5 mL | 158659 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 50 | 5 mL | 5 mL | 158836 | 06/22/21 14:11 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.191 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 11:24 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.90 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 5 | | | 159547 | 06/24/21 20:33 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | RA | | 20.13 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | RA | 1 | | | 159041 | 06/23/21 13:36 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3546 | DL | | 20.13 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | DL | 50 | | | 159041 | 06/23/21 16:35 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:27 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:57 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-8-3

**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-5

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.63 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 20:55 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | RA | | 20.20 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | RA | 1 | | | 159041 | 06/23/21 13:54 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3546 | DL | | 20.20 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | DL | 10 | | | 159041 | 06/23/21 16:53 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:29 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:59 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-8-5

**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-6

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.152 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 16:37 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.783 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 20:43 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.64 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 21:16 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.98 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 02:12 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.07 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:31 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:04 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-8-10

**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.604 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 17:06 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.153 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 21:07 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.98 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 21:38 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.98 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 02:30 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.02 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:33 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:06 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-1

**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-8

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 5.02 g | 5 mL | 159143 | 06/23/21 12:31 | C5SC | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159176 | 06/23/21 13:23 | U4JL | ECL 2 |
| | Instrument ID: GCMSQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.241 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 10:36 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.52 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 21:59 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.97 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 02:48 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:35 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:08 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-2.5

**Lab Sample ID: 570-62241-9**

**Date Collected: 06/18/21 14:16**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.22 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 23:50 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.04 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 03:06 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:37 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:10 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-5

**Lab Sample ID: 570-62241-10**

**Date Collected: 06/18/21 14:25**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.305 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 17:34 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.765 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 21:55 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.80 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 00:12 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 03:24 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.92 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:39 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:12 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-7.5

**Lab Sample ID: 570-62241-11**

**Date Collected: 06/18/21 14:27**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.24 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 00:34 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-14A-7.5

**Date Collected: 06/18/21 14:27**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-11

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.07 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 03:42 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:41 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:14 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-10

**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-12

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.834 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 18:03 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.413 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 22:19 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.64 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 00:55 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.27 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 04:00 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:50 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:15 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14B-2

**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-13

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.60 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 01:18 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | RA | | 20.07 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | RA | 1 | | | 159041 | 06/23/21 14:47 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |

## Client Sample ID: LV-14B-2

**Lab Sample ID: 570-62241-13**

**Date Collected: 06/18/21 14:47**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:52 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:17 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-13-1

**Lab Sample ID: 570-62241-14**

**Date Collected: 06/18/21 15:14**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.736 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 18:32 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.574 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 11:00 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.25 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 01:40 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | RA | | 19.93 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | RA | 1 | | | 159041 | 06/23/21 15:05 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.93 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:54 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:19 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-13-2.5

**Lab Sample ID: 570-62241-15**

**Date Collected: 06/18/21 15:16**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.95 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 02:04 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.95 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 04:53 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:57 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

## Client Sample ID: LV-13-2.5

**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-15**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:21 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-13-5

**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.71 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 19:00 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.527 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 09:10 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.93 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 02:26 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.21 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 05:11 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:59 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:26 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-13-7.5

**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-17**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.35 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 02:47 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.95 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 05:29 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/25/21 00:01 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:28 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-13-10

**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-18

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.547 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 19:29 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.849 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 10:12 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.49 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 03:09 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.90 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 05:47 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/25/21 00:03 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:30 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | ECL 2 |
| 8015B | Gasoline Range Organics - (GC) | SW846 | ECL 2 |
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | ECL 1 |
| 8082 | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 7471A | Mercury (CVAA) | SW846 | ECL 1 |
| 3050B | Preparation, Metals | SW846 | ECL 1 |
| 3546 | Microwave Extraction | SW846 | ECL 1 |
| 3550C | Ultrasonic Extraction | SW846 | ECL 1 |
| 5030C | Purge and Trap | SW846 | ECL 2 |
| 5035 | Closed System Purge and Trap | SW846 | ECL 2 |
| 7471A | Preparation, Mercury | SW846 | ECL 1 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Solid | 06/18/21 09:42 | 06/18/21 18:35 | |
| 570-62241-2 | LV-4-5 | Solid | 06/18/21 10:16 | 06/18/21 18:35 | |
| 570-62241-3 | LV-4-10 | Solid | 06/18/21 10:18 | 06/18/21 18:35 | |
| 570-62241-4 | LV-8-1 | Solid | 06/18/21 11:22 | 06/18/21 18:35 | |
| 570-62241-5 | LV-8-3 | Solid | 06/18/21 11:51 | 06/18/21 18:35 | |
| 570-62241-6 | LV-8-5 | Solid | 06/18/21 12:02 | 06/18/21 18:35 | |
| 570-62241-7 | LV-8-10 | Solid | 06/18/21 12:06 | 06/18/21 18:35 | |
| 570-62241-8 | LV-14A-1 | Solid | 06/18/21 14:12 | 06/18/21 18:35 | |
| 570-62241-9 | LV-14A-2.5 | Solid | 06/18/21 14:16 | 06/18/21 18:35 | |
| 570-62241-10 | LV-14A-5 | Solid | 06/18/21 14:25 | 06/18/21 18:35 | |
| 570-62241-11 | LV-14A-7.5 | Solid | 06/18/21 14:27 | 06/18/21 18:35 | |
| 570-62241-12 | LV-14A-10 | Solid | 06/18/21 14:29 | 06/18/21 18:35 | |
| 570-62241-13 | LV-14B-2 | Solid | 06/18/21 14:47 | 06/18/21 18:35 | |
| 570-62241-14 | LV-13-1 | Solid | 06/18/21 15:14 | 06/18/21 18:35 | |
| 570-62241-15 | LV-13-2.5 | Solid | 06/18/21 15:16 | 06/18/21 18:35 | |
| 570-62241-16 | LV-13-5 | Solid | 06/18/21 15:18 | 06/18/21 18:35 | |
| 570-62241-17 | LV-13-7.5 | Solid | 06/18/21 15:20 | 06/18/21 18:35 | |
| 570-62241-18 | LV-13-10 | Solid | 06/18/21 15:22 | 06/18/21 18:35 | |

## Dang, Xuan

**From:** Robin Ferber <rferber@leightongroup.com>
**Sent:** Wednesday, June 23, 2021 11:17 AM
**To:** Dang, Xuan; Matt Himmelstein; Marius Vilkas
**Subject:** Xuan - RE: Eurofins Calscience report files from 570-62241-1 Rosemead Holding LLC /13111.001

**Importance:** High

EXTERNAL EMAIL*

June 23, 2021; ~11:15 AM

Xuan,

Please proceed with Option 2 that you have listed below.

Thank you,

Robin

Robin J. Ferber, PG, Principal Geologist
**Leighton Consulting, Inc.**
26074 Avenue Hall, Suite 21, Santa Clarita, CA 91355
Office: (661) 705-3025 ■ Mobile: (213) 610-2446; Fax: (661) 257-7430 ■ www.leightongroup.com
Environmental | Geotechnical | Materials Testing
**SOLUTIONS YOU CAN BUILD ON**

**Please consider the environment before printing this e-mail.**

---

**From:** Xuan Dang [mailto:Xuan.Dang@eurofinset.com]
**Sent:** Tuesday, June 22, 2021 2:51 PM
**To:** Matt Himmelstein; Marius Vilkas; Robin Ferber
**Subject:** Eurofins Calscience report files from 570-62241-1 Rosemead Holding LLC /13111.001

HI Marius,

We have a problem with 8260 analysis for sample #8 LV-14A-1 (570-62241-8). There were 4 low level terracores (in water) and 1 high level terracore (in methanol) submitted for 8015-GRO and 8260-VOC.
8015-GRO used both low level terracores for analysis.
8260-VOC used both terracores for analysis but could not report either data due to QC did not meet the method's criteria.

There is one high level terracore in methanol left to use for analysis, however, the reporting limits if using this terracore in methanol will be100x higher than the low level terracores in water.
We also received a vinyl sleeve for this sample for other analyses.

There are a couple options to proceed with the 8260 analysis. Please advise which option works for you:

1. Use the methanol terracore so all samples will have the same prep method 5035. the reporting limit for this analysis will be 100x higher than the analysis using low level terracores

2. Use an aliquot from the vinyl sleeve to prepare for analysis, the prep method will be 5030 instead of 5035, however, the reporting limits for this analysis will be the same as the low level terracore.

Please feel free to contact me if you have any questions.

Thank you.

**Xuan Dang**
Project Manager

Eurofins Calscience LLC
Phone: 714-895-5494

E-mail: Xuan.Dang@eurofinset.com
www.eurofinsus.com/env

Reference: [570-213348]
Attachments: 1

> > Bank information has changed, please refer to remittance information on invoice. < <

* WARNING - EXTERNAL: This email originated from outside of Eurofins Environment Testing America. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

62241

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan.Dang@eurofinset.com | State of Origin: | Page: Page 1 of 2 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

570-62241 Chain of Custody

**Preservation Codes.**

H - ...
Acetate
c Acid
SO4
H
chlor
orbic Acid
... Water
K - EDTA
L - EDA
M Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 1 | LV-4-1 | 6/18/21 | 0942 | G | Solid | | | X | X | X | X | X | X | 6 | 1 Jar, 5 VOAs |
| 2 | LV-4-5 | | 1016 | | Solid | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 6 | 1 Tube, 5 VOAs |
| 3 | LV-4-10 | | 1018 | | Solid | | | | | | | | | 6 | 1 Tube, 5 VOAs |
| 4 | LV-8-1 | | 1122 | | Solid | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 6 | 1 Jar, 5 VOAs |
| 5 | LV-8-3 | | 1151 | | Solid | | | | X | | X | X | X | 1 | 1 Jar |
| 6 | LV-8-5 | | 1202 | | Solid | | | X | X | X | X | X | X | 6 | 1 Tube, 5 VOAs |
| 7 | LV-8-10 | | 1206 | | Solid | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 6 | 1 Tube, 5 VOAs |
| 8 | LV-14A-1 | | 1412 | | Solid | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 6 | 1 Jar |
| 9 | LV-14A-2.5 | | 1416 | | Solid | | | | X | | X | X | X | 1 | 1 Jar |
| 10 | LV-14A-5 | | 1425 | | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs |
| 11 | LV-14A-7.5 | ↓ | 1427 | V | Solid | | | | X | | X | X | X | 1 | 1 Jar |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time | Method of Shipment: |
|---|---|---|---|
| | | | |

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-18-21 16:07 | Leighton | | 06/18/21 1607 | EQ |
| 2 | | 06/18/21 1835 | EQ | | 6/18/21 1835 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.1 | 3.5 SCS

Ver 01/16/2019

Page 98 of 100

6/25/2021

62241

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan.Dang@eurofinset.com | State of Origin: | Page: Page 2 of 2 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z other (specify)
Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 12 | LV-14A-10 | 6-18-21 | 1429 | G | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs HOLD VOCs and TPH-G |
| 13 | LV-14B-2 | 6 | 1447 | G | Solid | | | | X | | X | X | X | 1 | 1 Jar |
| 14 | LV-13-1 | | 1514 | G | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs |
| 15 | LV-13-2.5 | | 1516 | G | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 16 | LV-13-5 | | 1518 | G | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs |
| 17 | LV-13-7.5 | | 1520 | G | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 18 | LV-13-10 | | 1522 | G | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs HOLD VOCs and TPH-G |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-18-21 16:07 | Leighton | | 06/18/21 1607 | ECI |
| 2 | | 06/18/21 1835 | ECI | | 6/18/21 1835 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62241-1

**Login Number: 62241**
**List Number: 1**
**Creator: Patel, Jayesh**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62332-1
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*6/30/2021 5:38:45 PM*

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 6
Client Sample Results . . . . . 18
Surrogate Summary . . . . . 110
QC Sample Results . . . . . 115
QC Association Summary . . . . . 138
Lab Chronicle . . . . . 150
Certification Summary . . . . . 169
Method Summary . . . . . 170
Sample Summary . . . . . 171
Chain of Custody . . . . . 172
Receipt Checklists . . . . . 177

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| p | The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| L | A negative instrument reading had an absolute value greater than the reporting limit |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-62332-1

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
**570-62332-1**

**Comments**
No additional comments.

**Receipt**
The samples were received on 6/21/2021 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.6º C and 2.8º C.

**GC/MS VOA**
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159363.

Method 8260B: The initial calibration curve analyzed in batch 570-159363 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159453.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159461.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC VOA**
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-159654.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159777.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159497.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC Semi VOA**
Method 8082: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: LV-17-2.5 (570-62332-23). The sample(s) has been quantified and reported as Aroclor 1268. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: LV-10-1 (570-62332-39). The sample(s) has been quantified and reported as Aroclor 1260. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: LV-15-1 (570-62332-12). The sample(s) has been quantified and reported as Aroclor 1254 and 1260. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

## Job ID: 570-62332-1 (Continued)

### Laboratory: Eurofins Calscience LLC (Continued)

**Metals**

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-159530 and analytical batch 570-160312 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The absolute response for Antimony and Selenium was greater than the method reporting limit (RL) in the following samples: LV-11-2.5 (570-62332-3) and LV-11-5 (570-62332-4).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Arsenic was greater than the method reporting limit (RL) in the following samples: LV-11-10 (570-62332-6), LV-12-10 (570-62332-11) and LV-16-10 (570-62332-21).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-159584 and analytical batch 570-160312 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The absolute response for Arsenic was greater than the method reporting limit (RL) in the following samples: LV-17-10 (570-62332-26), LV-19-10 (570-62332-31), LV-18-10 (570-62332-37) and LV-10-10 (570-62332-41).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Molybdenum was greater than the method reporting limit (RL) in the following samples: LV-11-7.5 (570-62332-5), LV-11-10 (570-62332-6), LV-12-2.5 (570-62332-8), LV-12-10 (570-62332-11), LV-15-7.5 (570-62332-15), LV-16-10 (570-62332-21), LV-17-10 (570-62332-26), LV-19-10 (570-62332-31), LV-18-7.5 (570-62332-36), LV-18-10 (570-62332-37) and LV-10-10 (570-62332-41).
The instrument raw data has been manually reviewed and the result can be reported as ND.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**VOA Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-11-1 — Lab Sample ID: 570-62332-1

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 54 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.9 | | 0.73 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.6 | | 0.73 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 46.8 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.79 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.73 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.86 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 1.04 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.70 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 9.62 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 33.0 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 11.9 | | 5.13 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-11-1-DUP — Lab Sample ID: 570-62332-2

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 100 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 3.5 | | 0.81 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 3.3 | | 0.81 | | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: LV-11-2.5 — Lab Sample ID: 570-62332-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 7.5 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 131 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.565 | | 0.243 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 9.52 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 19.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 33.9 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.5 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 32.6 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 46.4 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-11-5 — Lab Sample ID: 570-62332-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 7.3 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 1.4 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 1.9 | | 1.6 | | ug/Kg | 1 | | 8260B | Total/NA |
| o-Xylene | 0.86 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 7.2 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| Xylenes, Total | 2.8 | | 1.6 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 0.19 | | 0.079 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 128 | | 0.478 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.358 | | 0.239 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.22 | | 0.957 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 14.8 | | 0.957 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 18.7 | | 0.957 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.7 | | 0.478 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 26.2 | | 0.957 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 33.3 | | 9.57 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-11-7.5 — Lab Sample ID: 570-62332-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 141 | | 0.476 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.641 | | 0.238 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.479 | | 0.476 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.7 | | 0.952 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 20.9 | | 0.952 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 33.0 | | 0.952 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 17.3 | | 0.476 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 41.6 | | 0.952 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 47.2 | | 9.52 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-11-10 — Lab Sample ID: 570-62332-6

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 122 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.448 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 9.46 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 15.7 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 21.2 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 13.6 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 31.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 42.8 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-12-1 — Lab Sample ID: 570-62332-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 34 | | 12 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.5 | | 0.62 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 2.3 | | 0.62 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.1 | | 0.62 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 5.1 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 5.01 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 95.2 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.35 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 10.3 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 21.8 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 1.06 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 8.57 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 15.3 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 101 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 166 | | 5.00 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-12-2.5 — Lab Sample ID: 570-62332-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 107 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.497 | | 0.255 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.30 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.7 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 24.6 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 13.9 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 26.7 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-12-2.5 (Continued) — Lab Sample ID: 570-62332-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Zinc | 40.7 | | 10.2 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-12-5 — Lab Sample ID: 570-62332-9

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 4.3 | | 0.77 | | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 0.91 | | 0.77 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 4.4 | | 0.77 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 95.7 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.270 | | 0.260 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.93 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.7 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 13.4 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 8.08 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 21.6 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 25.9 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.197 | | 0.0820 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-12-7.5 — Lab Sample ID: 570-62332-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 145 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.533 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.4 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 19.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 25.3 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 15.9 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 39.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 47.8 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-12-10 — Lab Sample ID: 570-62332-11

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 4.0 | | 0.78 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 166 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.538 | | 0.263 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.2 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.8 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 25.4 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 16.0 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 38.7 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 50.1 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0934 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-15-1 — Lab Sample ID: 570-62332-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 23 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 120 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1254 | 340 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1260 | 110 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 135 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-15-1 (Continued)
## Lab Sample ID: 570-62332-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Beryllium | 0.384 | | 0.259 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.08 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.63 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 78.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 54.6 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 15.7 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 12.2 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Antimony | 13.6 | | 3.11 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 21.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 86.7 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 1640 | | 5.18 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.400 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-15-2.5
## Lab Sample ID: 570-62332-13

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 29 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 57.1 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.265 | | 0.256 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.42 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 6.64 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.7 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 51.7 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.92 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 17.2 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 56.2 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 9.88 | | 5.13 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-15-5
## Lab Sample ID: 570-62332-14

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 24 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Arsenic | 13.5 | | 2.51 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 97.6 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.426 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 10.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 16.0 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 24.5 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 16.4 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 34.1 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 43.7 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-15-7.5
## Lab Sample ID: 570-62332-15

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 20.5 | | 2.51 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 203 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.543 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 12.0 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 19.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 27.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 17.1 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-15-7.5 (Continued) — Lab Sample ID: 570-62332-15

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Vanadium | 42.9 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 51.0 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-15-10 — Lab Sample ID: 570-62332-16

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 25 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 116 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.386 | | 0.248 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.93 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.8 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 20.6 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 12.3 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 29.4 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 37.7 | | 9.90 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-1 — Lab Sample ID: 570-62332-17

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 37 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.4 | | 0.76 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 0.93 | | 0.76 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 8.4 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 5.3 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 67.2 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 10.9 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.27 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 11.3 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 4.26 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 11.5 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 19.6 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-2.5 — Lab Sample ID: 570-62332-18

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 83 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 7.67 | | 2.43 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 136 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.515 | | 0.243 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.94 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 17.6 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 27.7 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 13.4 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 30.6 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 41.2 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-5 — Lab Sample ID: 570-62332-19

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.5 | | 0.38 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.6 | | 0.38 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 6.2 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 7.5 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-16-5 (Continued)

## Lab Sample ID: 570-62332-19

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6.92 | | 2.44 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 141 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.389 | | 0.244 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.75 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 14.1 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 18.6 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 11.4 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 24.9 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 31.8 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-7.5

## Lab Sample ID: 570-62332-20

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 55.8 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.55 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 7.38 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.23 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.07 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 15.5 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 20.3 | | 9.62 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-10

## Lab Sample ID: 570-62332-21

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 97.2 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.345 | | 0.243 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.57 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 15.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.1 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 25.5 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 31.2 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-17-1

## Lab Sample ID: 570-62332-22

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 21 | | 21 | | ug/Kg | 1 | | 8260B | Total/NA |
| Ethanol | 320 | | 260 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 20 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 120 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 80.2 | F1 | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.274 | | 0.255 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.49 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.5 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 12.7 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 0.543 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.95 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 18.2 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 28.4 | F1 | 10.2 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 10.8 | F1 | 5.10 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-17-2.5
## Lab Sample ID: 570-62332-23

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 - DL | 2400 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| C23-C40 - DL | 7300 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| Aroclor-1262 | 580 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1268 | 260 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 83.2 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.337 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.578 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 6.71 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.3 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 19.8 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.62 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 22.7 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 49.8 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 9.70 | | 4.93 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-17-5
## Lab Sample ID: 570-62332-24

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 6900 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 2700 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| Ethylbenzene | 100 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| m,p-Xylene | 480 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| n-Butylbenzene | 1000 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| N-Propylbenzene | 390 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| o-Xylene | 130 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| p-Isopropyltoluene | 780 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| sec-Butylbenzene | 410 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| Xylenes, Total | 610 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 270 | | 8.3 | | mg/Kg | 100 | | 8015B | Total/NA |
| C13-C22 - DL | 800 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| C23-C40 - DL | 2900 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| Barium | 83.1 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.379 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.23 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 15.2 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.4 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 23.7 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 30.9 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-17-7.5
## Lab Sample ID: 570-62332-25

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 14 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 63 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 84.4 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.55 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 8.40 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 10.9 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.28 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 16.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 23.2 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-17-10 — Lab Sample ID: 570-62332-26

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 11 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 95.8 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.503 | | 0.244 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 10.7 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 17.8 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 23.8 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 15.1 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 33.9 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 42.4 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-19-1 — Lab Sample ID: 570-62332-27

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | 26 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 190 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.8 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.7 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 11 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 84 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1254 | 110 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1260 | 100 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 99.6 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.36 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.17 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 23.0 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 27.6 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 1.50 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 8.61 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Antimony | 2.98 | | 2.91 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 13.2 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 133 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 631 | | 4.85 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-19-2.5 — Lab Sample ID: 570-62332-28

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 8.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 63 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 5.08 | | 2.44 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 113 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.359 | | 0.244 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.27 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.0 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 25.1 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.4 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 24.3 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 59.2 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 41.7 | | 4.88 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-19-5 — Lab Sample ID: 570-62332-29

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.5 | | 0.82 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.1 | | 0.82 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 9.3 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 121 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.380 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.39 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.8 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 16.5 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.7 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 22.5 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 34.5 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-19-7.5 — Lab Sample ID: 570-62332-30

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 5.4 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 8.6 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 92.1 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.281 | | 0.240 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.89 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.4 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 12.4 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 8.22 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 21.0 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 27.6 | | 9.62 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-19-10 — Lab Sample ID: 570-62332-31

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 29 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 7.8 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 16 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 196 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.796 | | 0.260 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.950 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 12.1 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 67.6 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 83.1 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 20.6 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 75.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 72.9 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0941 | | 0.0794 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-20-0.5 — Lab Sample ID: 570-62332-32

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 71.6 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.566 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.33 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 22.2 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 24.9 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 2.15 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-20-0.5 (Continued)
## Lab Sample ID: 570-62332-32

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Nickel | 8.49 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 10.6 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 153 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 125 | | 5.26 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-1
## Lab Sample ID: 570-62332-33

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 62 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.4 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 9.7 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 120 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 112 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.417 | | 0.259 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.961 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.98 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.5 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 28.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.4 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 27.4 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 135 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 226 | | 5.18 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-2.5
## Lab Sample ID: 570-62332-34

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 46 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 35.4 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.74 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.06 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.88 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 4.20 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.09 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 17.4 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-5
## Lab Sample ID: 570-62332-35

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 33 | | 19 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 5.2 | | 0.93 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 2.5 | | 0.93 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.9 | | 0.93 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 161 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.494 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 9.00 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.0 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 22.9 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.0 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 27.9 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 46.5 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-18-7.5 — Lab Sample ID: 570-62332-36

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 6.9 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 8.0 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 156 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.584 | | 0.263 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 12.3 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 21.6 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 26.7 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 17.5 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 42.3 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 56.5 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-10 — Lab Sample ID: 570-62332-37

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 22 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 7.1 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 9.8 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 123 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.660 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 22.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 37.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 17.1 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 41.9 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 50.8 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-10-DUP — Lab Sample ID: 570-62332-38

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 15 | | 13 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.1 | | 0.64 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.99 | | 0.64 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.7 | | 0.64 | | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: LV-10-1 — Lab Sample ID: 570-62332-39

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 530 | | 9.6 | | mg/Kg | 2 | | 8015B | Total/NA |
| C23-C40 | 760 | | 9.6 | | mg/Kg | 2 | | 8015B | Total/NA |
| Aroclor-1260 | 370 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1254 - DL | 1400 | | 1000 | | ug/Kg | 20 | | 8082 | Total/NA |
| Silver | 1.74 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Arsenic | 3.36 | | 2.58 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 434 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 3.22 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.2 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 207 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 73.2 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 22.7 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.3 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Antimony | 12.5 | | 3.09 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 16.0 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-10-1 (Continued)
## Lab Sample ID: 570-62332-39

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Zinc | 293 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 2680 | | 5.15 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 1.22 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-10-5
## Lab Sample ID: 570-62332-40

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 22 | | 19 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.3 | | 0.96 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 10 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 104 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.415 | | 0.256 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.04 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 14.4 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 18.0 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 11.6 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 25.8 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 36.0 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-10-10
## Lab Sample ID: 570-62332-41

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 140 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.7 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 7.7 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.4 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 152 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.616 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.23 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 12.0 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 21.3 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 28.5 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 20.1 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 38.7 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 82.6 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.105 | | 0.0877 | | mg/Kg | 1 | | 7471A | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1-Dichloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1-Dichloroethene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dibromoethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dichloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dichloropropane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,3-Dichloropropane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 2,2-Dichloropropane | ND | | 3.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 2-Chlorotoluene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 4-Chlorotoluene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| **Acetone** | **54** | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| **Benzene** | **2.9** | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromodichloromethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromoform | ND | | 3.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Carbon disulfide | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Carbon tetrachloride | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Chlorobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Chloroform | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Dibromomethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Ethanol | ND | | 180 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Ethylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Methylene Chloride | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Naphthalene | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| n-Butylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| o-Xylene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| p-Isopropyltoluene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| sec-Butylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Styrene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| tert-Butylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Tetrachloroethene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| **Toluene** | **2.6** | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Trichlorofluoromethane | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Vinyl acetate | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Vinyl chloride | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *122* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 12:41* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 12:41* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 12:41* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 12:41* | *1* |

**Client Sample ID: LV-11-1-DUP**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2-Dibromoethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-1-DUP**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,3-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 2-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 4-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| **Acetone** | **100** | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| **Benzene** | **3.5** | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromodichloromethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Carbon disulfide | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Carbon tetrachloride | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Chlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Chloroform | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Dibromomethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Ethylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Isopropylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Methylene Chloride | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Naphthalene | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| n-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| o-Xylene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| p-Isopropyltoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| sec-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Styrene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| tert-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Tetrachloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| **Toluene** | **3.3** | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-1-DUP**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Trichlorofluoromethane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Vinyl acetate | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Vinyl chloride | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *122* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 13:07* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:07* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 13:07* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:07* | *1* |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dibromoethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,3-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 2-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 4-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Acetone** | **18** | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Benzene** | **7.3** | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Bromobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Bromodichloromethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Carbon disulfide | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Carbon tetrachloride | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Chlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Chloroform | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Dibromomethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Ethylbenzene** | **1.4** | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Isopropylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **m,p-Xylene** | **1.9** | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Methylene Chloride | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Naphthalene | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| n-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **o-Xylene** | **0.86** | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| p-Isopropyltoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| sec-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Styrene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| tert-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Tetrachloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Toluene** | **7.2** | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Trichlorofluoromethane | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Vinyl acetate | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Vinyl chloride | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Xylenes, Total** | **2.8** | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 13:34* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:34* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 13:34* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:34* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 2,2-Dichloropropane | ND | | 5.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Acetone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromoform | ND | | 5.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Ethanol | ND | | 270 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *120* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 13:59* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:59* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 13:59* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:59* | *1* |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1-Dichloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1-Dichloroethene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1-Dichloropropene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2-Dibromoethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2-Dichloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,3-Dichloropropane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 2,2-Dichloropropane | ND | | 3.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 2-Butanone | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 2-Chlorotoluene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 2-Hexanone | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 4-Chlorotoluene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 4-Methyl-2-pentanone | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| **Acetone** | **34** | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| **Benzene** | **1.5** | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromochloromethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromodichloromethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromoform | ND | | 3.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromomethane | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Carbon disulfide | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Carbon tetrachloride | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Chlorobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Chloroethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Chloroform | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Chloromethane | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Dibromochloromethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Dibromomethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Dichlorodifluoromethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Ethanol | ND | | 160 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Ethylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Isopropylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| m,p-Xylene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Methylene Chloride | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Naphthalene | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| n-Butylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| N-Propylbenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| o-Xylene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| p-Isopropyltoluene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| sec-Butylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Styrene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| tert-Butylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| **Tetrachloroethene** | **2.3** | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| **Toluene** | **1.1** | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Trichloroethene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Trichlorofluoromethane | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Vinyl acetate | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Vinyl chloride | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Xylenes, Total | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *127* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 14:25* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 14:25* | *1* |
| *Dibromofluoromethane (Surr)* | *110* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 14:25* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 14:25* | *1* |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1-Dichloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1-Dichloroethene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dibromoethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dichloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dichloropropane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,3-Dichloropropane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 2,2-Dichloropropane | ND | | 3.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 2-Chlorotoluene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 4-Chlorotoluene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| **Acetone** | **18** | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| **Benzene** | **4.3** | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Bromobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Bromodichloromethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 3.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Carbon disulfide | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Carbon tetrachloride | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Chlorobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Chloroform | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Dibromomethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| **Ethylbenzene** | **0.91** | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Isopropylbenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Methylene Chloride | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Naphthalene | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| n-Butylbenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| o-Xylene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| p-Isopropyltoluene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| sec-Butylbenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Styrene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| tert-Butylbenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Tetrachloroethene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| **Toluene** | **4.4** | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Trichlorofluoromethane | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Vinyl acetate | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Vinyl chloride | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 04:57* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 04:57* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 04:57* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 04:57* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1-Dichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dibromoethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dichloropropane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,3-Dichloropropane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 2,2-Dichloropropane | ND | | 3.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 2-Chlorotoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 4-Chlorotoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Benzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromodichloromethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromoform | ND | | 3.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Carbon disulfide | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Carbon tetrachloride | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Chlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Chloroform | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Dibromomethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Ethylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Methylene Chloride | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Naphthalene | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| n-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| o-Xylene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| p-Isopropyltoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| sec-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Styrene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| tert-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| **Tetrachloroethene** | **4.0** | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Toluene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Trichlorofluoromethane | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Vinyl acetate | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Vinyl chloride | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 05:25* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 05:25* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 05:25* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 05:25* | *1* |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2-Dibromoethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,3-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 2-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 4-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Benzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromodichloromethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Carbon disulfide | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Carbon tetrachloride | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Chlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Chloroform | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Dibromomethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Ethylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Isopropylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Methylene Chloride | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Naphthalene | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| n-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| o-Xylene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| p-Isopropyltoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| sec-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Styrene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| tert-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Tetrachloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Toluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Trichlorofluoromethane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Vinyl acetate | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Vinyl chloride | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 05:53* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 05:53* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 05:53* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 05:53* | *1* |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| **Acetone** | **24** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Benzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Tetrachloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Toluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 06:20* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 06:20* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 06:20* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 06:20* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| **Acetone** | **25** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Benzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Tetrachloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Toluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 06:48* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 06:48* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 06:48* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 06:48* | *1* |

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1-Dichloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1-Dichloroethene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2-Dibromoethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2-Dichloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,3-Dichloropropane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 2,2-Dichloropropane | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 2-Chlorotoluene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 4-Chlorotoluene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| **Acetone** | **37** | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| **Benzene** | **1.4** | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromodichloromethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromoform | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Carbon disulfide | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Carbon tetrachloride | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Chlorobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Chloroform | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Dibromomethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Ethylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Isopropylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Methylene Chloride | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Naphthalene | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| n-Butylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| o-Xylene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| p-Isopropyltoluene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| sec-Butylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Styrene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| tert-Butylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Tetrachloroethene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| **Toluene** | **0.93** | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Trichlorofluoromethane | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Vinyl acetate | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Vinyl chloride | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *118* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 07:15* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 07:15* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 07:15* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 07:15* | *1* |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1-Dichloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1-Dichloroethene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1-Dichloropropene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2,3-Trichloropropane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dibromoethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dichloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dichloropropane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,3-Dichloropropane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 2,2-Dichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 2-Butanone | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 2-Chlorotoluene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 2-Hexanone | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 4-Chlorotoluene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 4-Methyl-2-pentanone | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Acetone | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| **Benzene** | **1.5** | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Bromobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Bromochloromethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Bromodichloromethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Bromomethane | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Carbon disulfide | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Carbon tetrachloride | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Chlorobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Chloroethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Chloroform | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Chloromethane | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Dibromochloromethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Dibromomethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Dichlorodifluoromethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Ethanol | ND | | 94 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Ethylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Isopropylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| m,p-Xylene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Methylene Chloride | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Naphthalene | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| n-Butylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| N-Propylbenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| o-Xylene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| p-Isopropyltoluene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| sec-Butylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Styrene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| tert-Butylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Tetrachloroethene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| **Toluene** | **1.6** | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| trans-1,3-Dichloropropene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Trichloroethene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Trichlorofluoromethane | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Vinyl acetate | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Vinyl chloride | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Xylenes, Total | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *125* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 14:51* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 14:51* | *1* |
| *Dibromofluoromethane (Surr)* | *110* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 14:51* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 14:51* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1-Dichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dibromoethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dichloropropane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,3-Dichloropropane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 2,2-Dichloropropane | ND | | 4.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 2-Chlorotoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 4-Chlorotoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Acetone | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Benzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromodichloromethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromoform | ND | | 4.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Carbon disulfide | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Carbon tetrachloride | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Chlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Chloroform | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Dibromomethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Ethylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Methylene Chloride | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Naphthalene | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| n-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| o-Xylene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| p-Isopropyltoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| sec-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Styrene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| tert-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Tetrachloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Toluene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Trichlorofluoromethane | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Vinyl acetate | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Vinyl chloride | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *125* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 15:18* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 15:18* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 15:18* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 15:18* | *1* |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 2,2-Dichloropropane | ND | | 5.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| **Acetone** | **21** | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromoform | ND | | 5.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| **Ethanol** | **320** | | 260 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *122* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 15:44* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 15:44* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 15:44* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 15:44* | *1* |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1,1-Trichloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1,2-Trichloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1-Dichloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1-Dichloroethene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1-Dichloropropene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2,3-Trichlorobenzene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2,3-Trichloropropane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **1,2,4-Trimethylbenzene** | **6900** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dibromoethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dichlorobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dichloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dichloropropane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **1,3,5-Trimethylbenzene** | **2700** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,3-Dichlorobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,3-Dichloropropane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,4-Dichlorobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 2,2-Dichloropropane | ND | | 210 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 2-Butanone | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 2-Chlorotoluene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 2-Hexanone | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 4-Chlorotoluene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 4-Methyl-2-pentanone | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Acetone | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Benzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Bromobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Bromochloromethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Bromodichloromethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 210 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Bromomethane | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Carbon disulfide | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Carbon tetrachloride | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Chlorobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Chloroethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Chloroform | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Chloromethane | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| cis-1,2-Dichloroethene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| cis-1,3-Dichloropropene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Dibromochloromethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Dibromomethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Dichlorodifluoromethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Di-isopropyl ether (DIPE) | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Ethanol | ND | | 10000 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **Ethylbenzene** | **100** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Ethyl-t-butyl ether (ETBE) | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Isopropylbenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **m,p-Xylene** | **480** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Methylene Chloride | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Naphthalene | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **n-Butylbenzene** | **1000** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **N-Propylbenzene** | **390** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **o-Xylene** | **130** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **p-Isopropyltoluene** | **780** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **sec-Butylbenzene** | **410** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Styrene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Tert-amyl-methyl ether (TAME) | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| tert-Butyl alcohol (TBA) | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| tert-Butylbenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Tetrachloroethene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Toluene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| trans-1,2-Dichloroethene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| trans-1,3-Dichloropropene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Trichloroethene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Trichlorofluoromethane | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Vinyl acetate | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Vinyl chloride | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **Xylenes, Total** | **610** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 20:05* | *50* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 20:05* | *50* |
| *Dibromofluoromethane (Surr)* | *98* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 20:05* | *50* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 20:05* | *50* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1-Dichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dibromoethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dichloropropane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,3-Dichloropropane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 2-Chlorotoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 4-Chlorotoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| **Acetone** | **18** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Benzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromodichloromethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Carbon disulfide | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Carbon tetrachloride | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Chlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Chloroform | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Dibromomethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Ethylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Methylene Chloride | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Naphthalene | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| n-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| o-Xylene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| p-Isopropyltoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| sec-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Styrene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| tert-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Tetrachloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Toluene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Trichlorofluoromethane | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Vinyl acetate | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Vinyl chloride | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 16:11* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 16:11* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 16:11* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 16:11* | *1* |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 2,2-Dichloropropane | ND | | 5.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| **2-Butanone** | **26** | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| **Acetone** | **190** | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| **Benzene** | **1.8** | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromoform | ND | | 5.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| **Toluene** | **1.7** | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *124* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 16:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 16:37* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 16:37* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 16:37* | *1* |

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1-Dichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dibromoethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dichloropropane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,3-Dichloropropane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 2-Chlorotoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 4-Chlorotoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| **Benzene** | **1.5** | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Bromobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Bromodichloromethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Carbon disulfide | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Carbon tetrachloride | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Chlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Chloroform | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Dibromomethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Ethylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Isopropylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Methylene Chloride | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Naphthalene | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| n-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| o-Xylene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| p-Isopropyltoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| sec-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Styrene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| tert-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Tetrachloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| **Toluene** | **1.1** | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Trichlorofluoromethane | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Vinyl acetate | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Vinyl chloride | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *122* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 17:03* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:03* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 17:03* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:03* | *1* |

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dibromoethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,3-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 2-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 4-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| **Acetone** | **29** | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Benzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromodichloromethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Carbon disulfide | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Carbon tetrachloride | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Chlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Chloroform | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Dibromomethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Ethylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Methylene Chloride | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Naphthalene | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| n-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| o-Xylene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| p-Isopropyltoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| sec-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Styrene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| tert-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Tetrachloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Toluene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Trichlorofluoromethane | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Vinyl acetate | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Vinyl chloride | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 17:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:29* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 17:29* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:29* | *1* |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| **Acetone** | **62** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| **Benzene** | **1.4** | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Tetrachloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Toluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 17:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:54* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 17:54* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:54* | *1* |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1-Dichloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dibromoethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dichloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dichloropropane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,3-Dichloropropane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 2-Chlorotoluene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 4-Chlorotoluene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| **Acetone** | **33** | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| **Benzene** | **5.2** | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Bromobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Bromodichloromethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Carbon disulfide | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Carbon tetrachloride | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Chlorobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Chloroform | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Dibromomethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Ethylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Isopropylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Methylene Chloride | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Naphthalene | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| n-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| o-Xylene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| p-Isopropyltoluene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| sec-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Styrene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| tert-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| **Tetrachloroethene** | **2.5** | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| **Toluene** | **2.9** | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Trichlorofluoromethane | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Vinyl acetate | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Vinyl chloride | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *121* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 18:21* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 18:21* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 18:21* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 18:21* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dibromoethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,3-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 2,2-Dichloropropane | ND | | 4.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 2-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 4-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| **Acetone** | **22** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Benzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromodichloromethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromoform | ND | | 4.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Carbon disulfide | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Carbon tetrachloride | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Chlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Chloroform | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Dibromomethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Ethylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Methylene Chloride | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Naphthalene | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| n-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| o-Xylene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| p-Isopropyltoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| sec-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Styrene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| tert-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Tetrachloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Toluene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Trichlorofluoromethane | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Vinyl acetate | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Vinyl chloride | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *120* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 18:47* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 18:47* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 18:47* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 18:47* | *1* |

**Client Sample ID: LV-18-10-DUP**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1-Dichloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1-Dichloroethene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1-Dichloropropene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2-Dibromoethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2-Dichloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-10-DUP**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,3-Dichloropropane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 2,2-Dichloropropane | ND | | 3.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 2-Butanone | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 2-Chlorotoluene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 2-Hexanone | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 4-Chlorotoluene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 4-Methyl-2-pentanone | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| **Acetone** | **15** | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| **Benzene** | **2.1** | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromochloromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromodichloromethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromoform | ND | | 3.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromomethane | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Carbon disulfide | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Carbon tetrachloride | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Chlorobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Chloroethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Chloroform | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Chloromethane | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Dibromochloromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Dibromomethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Dichlorodifluoromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Ethanol | ND | | 160 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Ethylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Isopropylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| m,p-Xylene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Methylene Chloride | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Naphthalene | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| n-Butylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| N-Propylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| o-Xylene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| p-Isopropyltoluene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| sec-Butylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Styrene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| tert-Butylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| **Tetrachloroethene** | **0.99** | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| **Toluene** | **1.7** | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-10-DUP**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Trichloroethene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Trichlorofluoromethane | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Vinyl acetate | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Vinyl chloride | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Xylenes, Total | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *120* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 19:14* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 19:14* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 19:14* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 19:14* | *1* |

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 5.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-10-5**
**Lab Sample ID: 570-62332-40**
**Date Collected: 06/21/21 13:38**
**Matrix: Solid**
**Date Received: 06/21/21 17:10**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1-Dichloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1-Dichloroethene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dibromoethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dichloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dichloropropane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,3-Dichloropropane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 2,2-Dichloropropane | ND | | 4.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 2-Chlorotoluene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 4-Chlorotoluene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| **Acetone** | **22** | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Benzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromodichloromethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromoform | ND | | 4.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Carbon disulfide | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Carbon tetrachloride | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Chlorobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Chloroform | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Dibromomethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Ethanol | ND | | 240 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Ethylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Methylene Chloride | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Naphthalene | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| n-Butylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| o-Xylene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| p-Isopropyltoluene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| sec-Butylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Styrene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| tert-Butylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| **Tetrachloroethene** | **1.3** | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Toluene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Trichlorofluoromethane | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Vinyl acetate | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Vinyl chloride | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *110* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 13:26* | *1* |
| *4-Bromofluorobenzene (Surr)* | *95* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:26* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 13:26* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:26* | *1* |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2-Dibromoethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,3-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 2,2-Dichloropropane | ND | | 3.7 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 2-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 4-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| **Acetone** | **140** | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| **Benzene** | **2.7** | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromodichloromethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromoform | ND | | 3.7 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Carbon disulfide | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Carbon tetrachloride | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Chlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Chloroform | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Dibromomethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Ethylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Isopropylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Methylene Chloride | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Naphthalene | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| n-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| o-Xylene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| p-Isopropyltoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| sec-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Styrene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| tert-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| **Tetrachloroethene** | **7.7** | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| **Toluene** | **2.4** | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Trichlorofluoromethane | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Vinyl acetate | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Vinyl chloride | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *110* | | *80 - 142* | *06/23/21 11:22* | *06/24/21 13:51* | *1* |
| *4-Bromofluorobenzene (Surr)* | *94* | | *80 - 120* | *06/23/21 11:22* | *06/24/21 13:51* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | *06/23/21 11:22* | *06/24/21 13:51* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 11:22* | *06/24/21 13:51* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.074 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 16:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 16:33* | *1* |

**Client Sample ID: LV-11-1-DUP**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.074 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 16:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 16:56* | *1* |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Gasoline Range Organics (C4-C12)** | **0.19** | | 0.079 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 17:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 17:19* | *1* |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.090 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 17:43* | *1* |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.067 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 18:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 18:06* | *1* |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.081 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 18:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 18:29* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.077 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 18:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 18:53* | *1* |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.071 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 19:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 19:16* | *1* |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.089 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.096 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 20:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 20:03* | *1* |

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.070 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 18:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 18:07* | *1* |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.086 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 22:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 22:36* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.097 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 22:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 22:59* | *1* |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.11 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 23:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 23:23* | *1* |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Gasoline Range Organics (C4-C12)** | **270** | | 8.3 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 18:55 | 100 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 18:55* | *100* |

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 18:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 18:31* | *1* |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.085 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 00:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 00:33* | *1* |

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.078 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 00:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 00:56* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 01:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 01:20* | *1* |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.091 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 01:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 01:43* | *1* |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.089 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 14:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *69* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 14:34* | *1* |

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 14:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 14:58* | *1* |

**Client Sample ID: LV-18-10-DUP**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.083 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 15:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 15:28* | *1* |

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.096 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 16:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 16:48* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.087 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 17:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 17:19* | *1* |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.076 | | mg/Kg | | 06/23/21 11:22 | 06/25/21 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *42 - 126* | *06/23/21 11:22* | *06/25/21 17:43* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 06:20 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 06:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 06:20* | *1* |

**Client Sample ID: LV-11-2.5**
**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **7.5** | | 5.1 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 06:42 | 1 |
| C23-C40 | ND | | 5.1 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 06:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 06:42* | *1* |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:04 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 07:04* | *1* |

**Client Sample ID: LV-11-7.5**
**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:25 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 07:25* | *1* |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:48 | 1 |
| C23-C40 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *102* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 07:48* | *1* |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **5.1** | | 4.7 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 08:32 | 1 |
| C23-C40 | ND | | 4.7 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 08:32 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *98* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 08:32* | *1* |

**Client Sample ID: LV-12-2.5**
**Date Collected: 06/21/21 08:24**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 08:54 | 1 |
| C23-C40 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 08:54 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 08:54* | *1* |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 09:16 | 1 |
| C23-C40 | ND | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 09:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *99* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 09:16* | *1* |

**Client Sample ID: LV-12-7.5**
**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 09:38 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 09:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 09:38* | *1* |

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:00 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:00 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *96* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 10:00* | *1* |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **23** | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:22 | 1 |
| **C23-C40** | **120** | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:22 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *86* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 10:22* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-15-2.5**
**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:44 | 1 |
| **C23-C40** | **29** | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *103* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 10:44* | *1* |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:06 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *105* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 11:06* | *1* |

**Client Sample ID: LV-15-7.5**
**Date Collected: 06/21/21 09:18**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:27 | 1 |
| C23-C40 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *103* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 11:27* | *1* |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:50 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 11:50* | *1* |

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **8.4** | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 12:12 | 1 |
| **C23-C40** | **5.3** | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 12:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *101* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 12:12* | *1* |

**Client Sample ID: LV-16-2.5**
**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:12 | 1 |
| **C23-C40** | **83** | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:12 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *98* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 14:12* | *1* |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **6.2** | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:34 | 1 |
| **C23-C40** | **7.5** | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *97* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 14:34* | *1* |

**Client Sample ID: LV-16-7.5**
**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:55 | 1 |
| C23-C40 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:55 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *102* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 14:55* | *1* |

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 15:17 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 15:17 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 15:17* | *1* |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **20** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 04:09 | 1 |
| **C23-C40** | **120** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 04:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 04:09* | *1* |

**Client Sample ID: LV-17-7.5**
**Date Collected: 06/21/21 10:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **14** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 05:13 | 1 |
| **C23-C40** | **63** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 05:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *97* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 05:13* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.7 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 05:35 | 1 |
| **C23-C40** | **11** | | 4.7 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 05:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *96* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 05:35* | *1* |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **11** | | 4.7 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 03:34 | 1 |
| **C23-C40** | **84** | | 4.7 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 03:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *68* | | *60 - 138* | *06/25/21 15:39* | *06/27/21 03:34* | *1* |

**Client Sample ID: LV-19-2.5**
**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-28**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **8.0** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 06:21 | 1 |
| **C23-C40** | **63** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 06:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 06:21* | *1* |

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 06:42 | 1 |
| **C23-C40** | **9.3** | | 4.9 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 06:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *96* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 06:42* | *1* |

**Client Sample ID: LV-19-7.5**
**Date Collected: 06/21/21 11:25**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **5.4** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 07:03 | 1 |
| **C23-C40** | **8.6** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 07:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 07:03* | *1* |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **7.8** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 07:24 | 1 |
| **C23-C40** | **16** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 07:24 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 07:24* | *1* |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **9.7** | | 5.1 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:08 | 1 |
| **C23-C40** | **120** | | 5.1 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:08 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *71* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 08:08* | *1* |

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:30 | 1 |
| **C23-C40** | **46** | | 4.9 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:30 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *99* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 08:30* | *1* |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:51 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:51 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *93* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 08:51* | *1* |

**Client Sample ID: LV-18-7.5**
**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **6.9** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:13 | 1 |
| **C23-C40** | **8.0** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 09:13* | *1* |

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **7.1** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:34 | 1 |
| **C23-C40** | **9.8** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *98* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 09:34* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **530** | | 9.6 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:55 | 2 |
| **C23-C40** | **760** | | 9.6 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:55 | 2 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *99* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 09:55* | *2* |

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.1 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 10:17 | 1 |
| **C23-C40** | **10** | | 5.1 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 10:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 10:17* | *1* |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.8 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 10:38 | 1 |
| C23-C40 | ND | | 4.8 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 10:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *93* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 10:38* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC) - DL

**Client Sample ID: LV-17-2.5**
**Date Collected: 06/21/21 10:34**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 2400 | | 50 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 02:50 | 10 |
| C23-C40 | 7300 | | 50 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 02:50 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *97* | | *60 - 138* | *06/25/21 15:39* | *06/27/21 02:50* | *10* |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 800 | | 50 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 03:12 | 10 |
| C23-C40 | 2900 | | 50 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 03:12 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *90* | | *60 - 138* | *06/25/21 15:39* | *06/27/21 03:12* | *10* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 20:16* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *81* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 20:16* | *1* |

**Client Sample ID: LV-11-2.5**
**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *80* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 20:34* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *74* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 20:34* | *1* |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *88* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 20:53* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *78* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 20:53* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-11-7.5**
**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *77* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 21:11* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *71* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 21:11* | *1* |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *77* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 21:29* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *73* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 21:29* | *1* |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 21:47* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *69* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 21:47* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-12-2.5**
**Date Collected: 06/21/21 08:24**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *76* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 22:06* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *74* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 22:06* | *1* |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *65* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 22:24* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *63* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 22:24* | *1* |

**Client Sample ID: LV-12-7.5**
**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *52* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 22:42* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *49* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 22:42* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *68* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 23:01* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *66* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 23:01* | *1* |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| **Aroclor-1254** | **340** | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| **Aroclor-1260** | **110** | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *74* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 23:19* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *75* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 23:19* | *1* |

**Client Sample ID: LV-15-2.5**
**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *74* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 09:45* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *66* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 09:45* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *70* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 10:04* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *65* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 10:04* | *1* |

**Client Sample ID: LV-15-7.5**
**Date Collected: 06/21/21 09:18**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *76* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 10:22* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *64* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 10:22* | *1* |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *74* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 10:40* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *65* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 10:40* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *75* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 10:59* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *72* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 10:59* | *1* |

**Client Sample ID: LV-16-2.5**
**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *73* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 11:17* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *61* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 11:17* | *1* |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 11:35* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *74* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 11:35* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-16-7.5**
**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *78* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 11:54* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *71* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 11:54* | *1* |

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *40* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 13:44* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *29* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 13:44* | *1* |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 21:05* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 21:05* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-17-2.5**
**Date Collected: 06/21/21 10:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| **Aroclor-1262** | **580** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| **Aroclor-1268** | **260** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *73* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 21:23* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *86* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 21:23* | *1* |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 21:41* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *92* | *p* | *20 - 155* | *06/22/21 09:59* | *06/23/21 21:41* | *1* |

**Client Sample ID: LV-17-7.5**
**Date Collected: 06/21/21 10:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *103* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 21:59* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *81* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 21:59* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *75* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 22:17* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *78* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 22:17* | *1* |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| **Aroclor-1254** | **110** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| **Aroclor-1260** | **100** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 22:35* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 22:35* | *1* |

**Client Sample ID: LV-19-2.5**
**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-28**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *78* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 22:53* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *74* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 22:53* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *65* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 23:11* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *65* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 23:11* | *1* |

**Client Sample ID: LV-19-7.5**
**Date Collected: 06/21/21 11:25**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *59* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 23:29* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *60* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 23:29* | *1* |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *53* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 23:46* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *54* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 23:46* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/22/21 10:00* | *06/24/21 00:22* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/22/21 10:00* | *06/24/21 00:22* | *1* |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 00:40* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *70* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 00:40* | *1* |

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *67* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 00:58* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *65* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 00:58* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *55* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 01:16* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *59* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 01:16* | *1* |

**Client Sample ID: LV-18-7.5**
**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *52* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 01:34* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *59* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 01:34* | *1* |

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *59* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 01:52* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *70* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 01:52* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| **Aroclor-1260** | **370** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *77* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 02:10* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 02:10* | *1* |

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *77* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 02:28* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 02:28* | *1* |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *42* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 02:46* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *43* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 02:46* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1400 | | 1000 | | ug/Kg | | 06/22/21 09:59 | 06/25/21 06:04 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* | *06/22/21 09:59* | *06/25/21 06:04* | *20* |
| *DCB Decachlorobiphenyl (Surr)* | *119* | | *20 - 155* | *06/22/21 09:59* | *06/25/21 06:04* | *20* |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Arsenic | ND | | 2.56 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Barium** | **46.8** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Beryllium | ND | | 0.256 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Cadmium | ND | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Cobalt** | **3.79** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Chromium** | **5.73** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Copper** | **9.86** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Molybdenum** | **1.04** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Nickel** | **3.70** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Antimony | ND | F1 | 3.08 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Selenium | ND | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Thallium | ND | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Vanadium** | **9.62** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Zinc** | **33.0** | | 10.3 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Lead** | **11.9** | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |

**Client Sample ID: LV-11-2.5**
**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Barium** | **131** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Beryllium** | **0.565** | | 0.243 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Cobalt** | **9.52** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Chromium** | **19.1** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Copper** | **33.9** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Nickel** | **14.5** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Antimony | ND | L | 2.91 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Selenium | ND | L | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Vanadium** | **32.6** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Zinc** | **46.4** | | 9.71 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Arsenic | ND | | 2.39 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Barium** | **128** | | 0.478 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Beryllium** | **0.358** | | 0.239 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Cadmium | ND | | 0.478 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Cobalt** | **7.22** | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Chromium** | **14.8** | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Copper** | **18.7** | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.478 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Nickel** | **10.7** | | 0.478 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Antimony | ND | L | 2.87 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Selenium | ND | L | 4.78 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Thallium | ND | | 4.78 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Vanadium** | **26.2** | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Zinc** | **33.3** | | 9.57 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Lead | ND | | 4.78 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |

**Client Sample ID: LV-11-7.5**
**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Arsenic | ND | | 2.38 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Barium** | **141** | | 0.476 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Beryllium** | **0.641** | | 0.238 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Cadmium** | **0.479** | | 0.476 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Cobalt** | **11.7** | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Chromium** | **20.9** | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Copper** | **33.0** | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Molybdenum | ND | L | 0.476 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Nickel** | **17.3** | | 0.476 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Antimony | ND | | 2.86 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Selenium | ND | | 4.76 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Thallium | ND | | 4.76 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Vanadium** | **41.6** | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Zinc** | **47.2** | | 9.52 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Lead | ND | | 4.76 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Arsenic | ND | L | 2.50 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Barium** | **122** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Beryllium** | **0.448** | | 0.250 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Cobalt** | **9.46** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Chromium** | **15.7** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Copper** | **21.2** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Molybdenum | ND | L | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Nickel** | **13.6** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Vanadium** | **31.1** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Zinc** | **42.8** | | 10.0 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Arsenic** | **5.01** | | 2.50 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Barium** | **95.2** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Cadmium** | **1.35** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Cobalt** | **10.3** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Chromium** | **12.1** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Copper** | **21.8** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Molybdenum** | **1.06** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Nickel** | **8.57** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Vanadium** | **15.3** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Zinc** | **101** | | 10.0 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Lead** | **166** | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |

**Client Sample ID: LV-12-2.5**
**Date Collected: 06/21/21 08:24**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Arsenic | ND | | 2.55 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Barium** | **107** | | 0.510 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Beryllium** | **0.497** | | 0.255 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Cadmium | ND | | 0.510 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Cobalt** | **8.30** | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Chromium** | **18.7** | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Copper** | **24.6** | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Molybdenum | ND | L | 0.510 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Nickel** | **13.9** | | 0.510 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Antimony | ND | | 3.06 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Selenium | ND | | 5.10 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Thallium | ND | | 5.10 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Vanadium** | **26.7** | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Zinc** | **40.7** | | 10.2 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Lead | ND | | 5.10 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Arsenic | ND | | 2.60 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Barium** | **95.7** | | 0.521 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Beryllium** | **0.270** | | 0.260 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Cadmium | ND | | 0.521 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Cobalt** | **5.93** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Chromium** | **10.7** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Copper** | **13.4** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.521 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Nickel** | **8.08** | | 0.521 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Antimony | ND | | 3.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Selenium | ND | | 5.21 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Thallium | ND | | 5.21 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Vanadium** | **21.6** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Zinc** | **25.9** | | 10.4 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Lead | ND | | 5.21 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |

**Client Sample ID: LV-12-7.5**
**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Barium** | **145** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Beryllium** | **0.533** | | 0.251 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Cobalt** | **11.4** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Chromium** | **19.6** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Copper** | **25.3** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Nickel** | **15.9** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Vanadium** | **39.6** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Zinc** | **47.8** | | 10.1 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Arsenic | ND | L | 2.63 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Barium** | **166** | | 0.526 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Beryllium** | **0.538** | | 0.263 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Cobalt** | **11.2** | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Chromium** | **18.8** | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Copper** | **25.4** | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Molybdenum | ND | L | 0.526 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Nickel** | **16.0** | | 0.526 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Vanadium** | **38.7** | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Zinc** | **50.1** | | 10.5 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| Arsenic | ND | | 2.59 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Barium** | **135** | | 0.518 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Beryllium** | **0.384** | | 0.259 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Cadmium** | **1.08** | | 0.518 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Cobalt** | **8.63** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Chromium** | **78.3** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Copper** | **54.6** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Molybdenum** | **15.7** | | 0.518 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Nickel** | **12.2** | | 0.518 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Antimony** | **13.6** | | 3.11 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| Selenium | ND | | 5.18 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| Thallium | ND | | 5.18 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Vanadium** | **21.3** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Zinc** | **86.7** | | 10.4 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Lead** | **1640** | | 5.18 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |

**Client Sample ID: LV-15-2.5**
**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Arsenic | ND | | 2.56 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Barium** | **57.1** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Beryllium** | **0.265** | | 0.256 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Cadmium** | **1.42** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Cobalt** | **6.64** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Chromium** | **10.7** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Copper** | **51.7** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Molybdenum | ND | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Nickel** | **7.92** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Antimony | ND | | 3.08 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Selenium | ND | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Thallium | ND | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Vanadium** | **17.2** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Zinc** | **56.2** | | 10.3 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Lead** | **9.88** | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Arsenic** | **13.5** | | 2.51 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Barium** | **97.6** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Beryllium** | **0.426** | | 0.251 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Cobalt** | **10.6** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Chromium** | **16.0** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Copper** | **24.5** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Nickel** | **16.4** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Vanadium** | **34.1** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Zinc** | **43.7** | | 10.1 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |

**Client Sample ID: LV-15-7.5**
**Date Collected: 06/21/21 09:18**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Arsenic** | **20.5** | | 2.51 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Barium** | **203** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Beryllium** | **0.543** | | 0.251 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Cobalt** | **12.0** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Chromium** | **19.7** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Copper** | **27.6** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Molybdenum | ND | L | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Nickel** | **17.1** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Vanadium** | **42.9** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Zinc** | **51.0** | | 10.1 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Arsenic | ND | | 2.48 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Barium** | **116** | | 0.495 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Beryllium** | **0.386** | | 0.248 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Cadmium | ND | | 0.495 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Cobalt** | **8.93** | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Chromium** | **13.8** | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Copper** | **20.6** | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Molybdenum | ND | | 0.495 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Nickel** | **12.3** | | 0.495 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Antimony | ND | | 2.97 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Selenium | ND | | 4.95 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Thallium | ND | | 4.95 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Vanadium** | **29.4** | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Zinc** | **37.7** | | 9.90 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Lead | ND | | 4.95 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Barium** | **67.2** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Cobalt** | **10.9** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Chromium** | **5.27** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Copper** | **11.3** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Nickel** | **4.26** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Vanadium** | **11.5** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Zinc** | **19.6** | | 9.71 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |

**Client Sample ID: LV-16-2.5**
**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Arsenic** | **7.67** | | 2.43 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Barium** | **136** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Beryllium** | **0.515** | | 0.243 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Cobalt** | **8.94** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Chromium** | **17.6** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Copper** | **27.7** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Nickel** | **13.4** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Vanadium** | **30.6** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Zinc** | **41.2** | | 9.71 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Arsenic** | **6.92** | | 2.44 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Barium** | **141** | | 0.488 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Beryllium** | **0.389** | | 0.244 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Cobalt** | **7.75** | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Chromium** | **14.1** | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Copper** | **18.6** | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Nickel** | **11.4** | | 0.488 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Vanadium** | **24.9** | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Zinc** | **31.8** | | 9.76 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |

**Client Sample ID: LV-16-7.5**
**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Arsenic | ND | | 2.40 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Barium** | **55.8** | | 0.481 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Beryllium | ND | | 0.240 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Cobalt** | **4.55** | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Chromium** | **7.38** | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Copper** | **9.23** | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Nickel** | **6.07** | | 0.481 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Vanadium** | **15.5** | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Zinc** | **20.3** | | 9.62 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Arsenic | ND | L | 2.43 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Barium** | **97.2** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Beryllium** | **0.345** | | 0.243 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Cobalt** | **7.57** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Chromium** | **12.1** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Copper** | **15.1** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Molybdenum | ND | L | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Nickel** | **10.1** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Vanadium** | **25.5** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Zinc** | **31.2** | | 9.71 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Arsenic | ND | | 2.55 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Barium** | **80.2** | **F1** | 0.510 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Beryllium** | **0.274** | | 0.255 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Cadmium | ND | | 0.510 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Cobalt** | **5.49** | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Chromium** | **10.5** | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Copper** | **12.7** | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Molybdenum** | **0.543** | | 0.510 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Nickel** | **7.95** | | 0.510 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Antimony | ND | F1 | 3.06 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Selenium | ND | | 5.10 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Thallium | ND | | 5.10 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Vanadium** | **18.2** | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Zinc** | **28.4** | **F1** | 10.2 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Lead** | **10.8** | **F1** | 5.10 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |

**Client Sample ID: LV-17-2.5**
**Date Collected: 06/21/21 10:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Arsenic | ND | | 2.46 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Barium** | **83.2** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Beryllium** | **0.337** | | 0.246 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Cadmium** | **0.578** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Cobalt** | **6.71** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Chromium** | **10.3** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Copper** | **19.8** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Nickel** | **7.62** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Vanadium** | **22.7** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Zinc** | **49.8** | | 9.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Lead** | **9.70** | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Barium** | **83.1** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Beryllium** | **0.379** | | 0.250 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Cobalt** | **7.23** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Chromium** | **13.1** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Copper** | **15.2** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Nickel** | **10.4** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Vanadium** | **23.7** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Zinc** | **30.9** | | 10.0 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |

**Client Sample ID: LV-17-7.5**
**Date Collected: 06/21/21 10:38**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Barium** | **84.4** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Cobalt** | **4.55** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Chromium** | **8.40** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Copper** | **10.9** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Nickel** | **6.28** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Vanadium** | **16.1** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Zinc** | **23.2** | | 9.71 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Arsenic | ND | L | 2.44 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Barium** | **95.8** | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Beryllium** | **0.503** | | 0.244 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Cobalt** | **10.7** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Chromium** | **17.8** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Copper** | **23.8** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Molybdenum | ND | L | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Nickel** | **15.1** | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Vanadium** | **33.9** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Zinc** | **42.4** | | 9.76 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Barium** | **99.6** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Cadmium** | **1.36** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Cobalt** | **5.17** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Chromium** | **23.0** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Copper** | **27.6** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Molybdenum** | **1.50** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Nickel** | **8.61** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Antimony** | **2.98** | | 2.91 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Vanadium** | **13.2** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Zinc** | **133** | | 9.71 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Lead** | **631** | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |

**Client Sample ID: LV-19-2.5**
**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-28**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Arsenic** | **5.08** | | 2.44 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Barium** | **113** | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Beryllium** | **0.359** | | 0.244 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Cobalt** | **7.27** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Chromium** | **13.0** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Copper** | **25.1** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Nickel** | **10.4** | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Vanadium** | **24.3** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Zinc** | **59.2** | | 9.76 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Lead** | **41.7** | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Barium** | **121** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Beryllium** | **0.380** | | 0.250 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Cobalt** | **7.39** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Chromium** | **13.8** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Copper** | **16.5** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Nickel** | **10.7** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Vanadium** | **22.5** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Zinc** | **34.5** | | 10.0 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |

**Client Sample ID: LV-19-7.5**
**Date Collected: 06/21/21 11:25**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Arsenic | ND | | 2.40 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Barium** | **92.1** | | 0.481 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Beryllium** | **0.281** | | 0.240 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Cobalt** | **5.89** | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Chromium** | **10.4** | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Copper** | **12.4** | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Nickel** | **8.22** | | 0.481 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Vanadium** | **21.0** | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Zinc** | **27.6** | | 9.62 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Arsenic | ND | L | 2.60 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Barium** | **196** | | 0.521 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Beryllium** | **0.796** | | 0.260 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Cadmium** | **0.950** | | 0.521 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Cobalt** | **12.1** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Chromium** | **67.6** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Copper** | **83.1** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Molybdenum | ND | L | 0.521 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Nickel** | **20.6** | | 0.521 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Antimony | ND | | 3.13 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Selenium | ND | | 5.21 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Thallium | ND | | 5.21 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Vanadium** | **75.3** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Zinc** | **72.9** | | 10.4 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Lead | ND | | 5.21 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Barium** | **71.6** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Beryllium | ND | | 0.263 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Cadmium** | **0.566** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Cobalt** | **4.33** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Chromium** | **22.2** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Copper** | **24.9** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Molybdenum** | **2.15** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Nickel** | **8.49** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Vanadium** | **10.6** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Zinc** | **153** | | 10.5 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Lead** | **125** | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Arsenic | ND | | 2.59 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Barium** | **112** | | 0.518 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Beryllium** | **0.417** | | 0.259 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Cadmium** | **0.961** | | 0.518 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Cobalt** | **8.98** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Chromium** | **18.5** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Copper** | **28.3** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Molybdenum | ND | | 0.518 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Nickel** | **14.4** | | 0.518 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Antimony | ND | | 3.11 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Selenium | ND | | 5.18 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Thallium | ND | | 5.18 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Vanadium** | **27.4** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Zinc** | **135** | | 10.4 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Lead** | **226** | | 5.18 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Barium** | **35.4** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Cobalt** | **2.74** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Chromium** | **5.06** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Copper** | **6.88** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Nickel** | **4.20** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Vanadium** | **8.09** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Zinc** | **17.4** | | 10.0 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Arsenic | ND | | 2.46 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Barium** | **161** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Beryllium** | **0.494** | | 0.246 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Cobalt** | **9.00** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Chromium** | **18.0** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Copper** | **22.9** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Nickel** | **14.0** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Vanadium** | **27.9** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Zinc** | **46.5** | | 9.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Lead | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |

**Client Sample ID: LV-18-7.5**
**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Barium** | **156** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Beryllium** | **0.584** | | 0.263 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Cobalt** | **12.3** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Chromium** | **21.6** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Copper** | **26.7** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Molybdenum | ND | L | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Nickel** | **17.5** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Vanadium** | **42.3** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Zinc** | **56.5** | | 10.5 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Arsenic | ND | L | 2.51 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Barium** | **123** | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Beryllium** | **0.660** | | 0.251 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Cobalt** | **11.7** | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Chromium** | **22.7** | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Copper** | **37.7** | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Molybdenum | ND | L | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Nickel** | **17.1** | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Vanadium** | **41.9** | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Zinc** | **50.8** | | 10.1 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Silver** | **1.74** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Arsenic** | **3.36** | | 2.58 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Barium** | **434** | | 0.515 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| Beryllium | ND | | 0.258 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Cadmium** | **3.22** | | 0.515 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Cobalt** | **11.2** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Chromium** | **207** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Copper** | **73.2** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Molybdenum** | **22.7** | | 0.515 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Nickel** | **14.3** | | 0.515 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Antimony** | **12.5** | | 3.09 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Vanadium** | **16.0** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Zinc** | **293** | | 10.3 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Lead** | **2680** | | 5.15 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Arsenic | ND | | 2.56 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Barium** | **104** | | 0.513 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Beryllium** | **0.415** | | 0.256 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Cadmium | ND | | 0.513 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Cobalt** | **8.04** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Chromium** | **14.4** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Copper** | **18.0** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.513 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Nickel** | **11.6** | | 0.513 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Antimony | ND | | 3.08 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Selenium | ND | | 5.13 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Thallium | ND | | 5.13 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Vanadium** | **25.8** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Zinc** | **36.0** | | 10.3 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Lead | ND | | 5.13 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Arsenic | ND | L | 2.50 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Barium** | **152** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Beryllium** | **0.616** | | 0.250 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Cadmium** | **1.23** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Cobalt** | **12.0** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Chromium** | **21.3** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Copper** | **28.5** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Molybdenum | ND | L | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Nickel** | **20.1** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Vanadium** | **38.7** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Zinc** | **82.6** | | 10.0 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:20 | 1 |

**Client Sample ID: LV-11-2.5**
**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:29 | 1 |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:31 | 1 |

**Client Sample ID: LV-11-7.5**
**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:33 | 1 |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:34 | 1 |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:36 | 1 |

**Client Sample ID: LV-12-2.5**
**Date Collected: 06/21/21 08:24**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:38 | 1 |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.197** | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:40 | 1 |

**Client Sample ID: LV-12-7.5**
**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:42 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0934** | | 0.0833 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:44 | 1 |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.400** | | 0.0847 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:49 | 1 |

**Client Sample ID: LV-15-2.5**
**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:51 | 1 |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:53 | 1 |

**Client Sample ID: LV-15-7.5**
**Date Collected: 06/21/21 09:18**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:55 | 1 |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:57 | 1 |

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:59 | 1 |

**Client Sample ID: LV-16-2.5**
**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:01 | 1 |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:03 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-16-7.5**
**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:05 | 1 |

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:06 | 1 |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:07 | 1 |

**Client Sample ID: LV-17-2.5**
**Date Collected: 06/21/21 10:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:16 | 1 |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:18 | 1 |

**Client Sample ID: LV-17-7.5**
**Date Collected: 06/21/21 10:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:20 | 1 |

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:22 | 1 |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:24 | 1 |

**Client Sample ID: LV-19-2.5**
**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-28**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:26 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:28 | 1 |

**Client Sample ID: LV-19-7.5**
**Date Collected: 06/21/21 11:25**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:30 | 1 |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0941** | | 0.0794 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:31 | 1 |

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:33 | 1 |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:39 | 1 |

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:41 | 1 |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:43 | 1 |

**Client Sample ID: LV-18-7.5**
**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:44 | 1 |

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:46 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **1.22** | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:48 | 1 |

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:50 | 1 |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.105** | | 0.0877 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:52 | 1 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-142) | (80-120) | (80-123) | (80-120) |
| 570-62332-1 | LV-11-1 | 122 | 101 | 107 | 100 |
| 570-62332-2 | LV-11-1-DUP | 122 | 100 | 106 | 99 |
| 570-62332-4 | LV-11-5 | 119 | 103 | 106 | 101 |
| 570-62332-6 | LV-11-10 | 120 | 102 | 106 | 100 |
| 570-62332-7 | LV-12-1 | 127 | 102 | 110 | 101 |
| 570-62332-9 | LV-12-5 | 117 | 101 | 105 | 100 |
| 570-62332-11 | LV-12-10 | 114 | 100 | 105 | 101 |
| 570-62332-12 | LV-15-1 | 117 | 103 | 109 | 100 |
| 570-62332-14 | LV-15-5 | 114 | 102 | 104 | 101 |
| 570-62332-16 | LV-15-10 | 115 | 102 | 106 | 100 |
| 570-62332-17 | LV-16-1 | 118 | 99 | 106 | 100 |
| 570-62332-19 | LV-16-5 | 125 | 100 | 110 | 102 |
| 570-62332-21 | LV-16-10 | 125 | 102 | 109 | 101 |
| 570-62332-22 | LV-17-1 | 122 | 102 | 106 | 102 |
| 570-62332-24 | LV-17-5 | 109 | 99 | 98 | 101 |
| 570-62332-26 | LV-17-10 | 119 | 101 | 105 | 99 |
| 570-62332-27 | LV-19-1 | 124 | 99 | 108 | 99 |
| 570-62332-29 | LV-19-5 | 122 | 102 | 108 | 101 |
| 570-62332-31 | LV-19-10 | 119 | 99 | 106 | 101 |
| 570-62332-33 | LV-18-1 | 119 | 100 | 104 | 100 |
| 570-62332-35 | LV-18-5 | 121 | 96 | 108 | 100 |
| 570-62332-37 | LV-18-10 | 120 | 101 | 107 | 99 |
| 570-62332-38 | LV-18-10-DUP | 120 | 102 | 104 | 102 |
| 570-62332-39 | LV-10-1 | 114 | 100 | 104 | 100 |
| 570-62332-40 | LV-10-5 | 110 | 95 | 101 | 98 |
| 570-62332-41 | LV-10-10 | 110 | 94 | 101 | 97 |
| LCS 570-159363/3 | Lab Control Sample | 103 | 100 | 100 | 101 |
| LCS 570-159453/7 | Lab Control Sample | 90 | 97 | 99 | 101 |
| LCS 570-159461/4 | Lab Control Sample | 111 | 103 | 105 | 102 |
| LCSD 570-159363/4 | Lab Control Sample Dup | 104 | 101 | 100 | 100 |
| LCSD 570-159453/5 | Lab Control Sample Dup | 90 | 96 | 99 | 100 |
| LCSD 570-159461/5 | Lab Control Sample Dup | 111 | 101 | 108 | 102 |
| MB 570-159363/6 | Method Blank | 103 | 100 | 101 | 100 |
| MB 570-159453/10 | Method Blank | 95 | 97 | 93 | 97 |
| MB 570-159461/10 | Method Blank | 113 | 101 | 109 | 100 |
| MB 570-159461/9 | Method Blank | 116 | 101 | 107 | 101 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8015B - Gasoline Range Organics - (GC)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| | | BFB1 |
| Lab Sample ID | Client Sample ID | (42-126) |
| 570-62332-1 | LV-11-1 | 88 |

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (42-126) | | | | | | |
| 570-62332-2 | LV-11-1-DUP | 98 | | | | | | |
| 570-62332-4 | LV-11-5 | 101 | | | | | | |
| 570-62332-6 | LV-11-10 | 89 | | | | | | |
| 570-62332-7 | LV-12-1 | 92 | | | | | | |
| 570-62332-9 | LV-12-5 | 93 | | | | | | |
| 570-62332-11 | LV-12-10 | 87 | | | | | | |
| 570-62332-12 | LV-15-1 | 92 | | | | | | |
| 570-62332-14 | LV-15-5 | 92 | | | | | | |
| 570-62332-16 | LV-15-10 | 90 | | | | | | |
| 570-62332-17 | LV-16-1 | 82 | | | | | | |
| 570-62332-19 | LV-16-5 | 94 | | | | | | |
| 570-62332-21 | LV-16-10 | 91 | | | | | | |
| 570-62332-22 | LV-17-1 | 87 | | | | | | |
| 570-62332-24 | LV-17-5 | 81 | | | | | | |
| 570-62332-26 | LV-17-10 | 80 | | | | | | |
| 570-62332-27 | LV-19-1 | 93 | | | | | | |
| 570-62332-29 | LV-19-5 | 97 | | | | | | |
| 570-62332-31 | LV-19-10 | 91 | | | | | | |
| 570-62332-33 | LV-18-1 | 94 | | | | | | |
| 570-62332-35 | LV-18-5 | 69 | | | | | | |
| 570-62332-37 | LV-18-10 | 80 | | | | | | |
| 570-62332-38 | LV-18-10-DUP | 81 | | | | | | |
| 570-62332-39 | LV-10-1 | 80 | | | | | | |
| 570-62332-40 | LV-10-5 | 82 | | | | | | |
| 570-62332-41 | LV-10-10 | 84 | | | | | | |
| LCS 570-159497/9 | Lab Control Sample | 99 | | | | | | |
| LCS 570-159777/3 | Lab Control Sample | 92 | | | | | | |
| LCSD 570-159497/10 | Lab Control Sample Dup | 103 | | | | | | |
| LCSD 570-159777/4 | Lab Control Sample Dup | 94 | | | | | | |
| MB 570-159497/11 | Method Blank | 86 | | | | | | |
| MB 570-159777/5 | Method Blank | 86 | | | | | | |
| MB 570-159777/6 | Method Blank | 82 | | | | | | |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) | | | | | | |
| 570-62332-1 | LV-11-1 | 92 | | | | | | |
| 570-62332-1 MS | LV-11-1 | 98 | | | | | | |
| 570-62332-1 MSD | LV-11-1 | 92 | | | | | | |
| 570-62332-3 | LV-11-2.5 | 100 | | | | | | |
| 570-62332-4 | LV-11-5 | 95 | | | | | | |
| 570-62332-5 | LV-11-7.5 | 100 | | | | | | |
| 570-62332-6 | LV-11-10 | 102 | | | | | | |
| 570-62332-7 | LV-12-1 | 98 | | | | | | |
| 570-62332-8 | LV-12-2.5 | 95 | | | | | | |

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) | | | | | | | | | | |
| 570-62332-9 | LV-12-5 | 99 | | | | | | | | | | |
| 570-62332-10 | LV-12-7.5 | 95 | | | | | | | | | | |
| 570-62332-11 | LV-12-10 | 96 | | | | | | | | | | |
| 570-62332-12 | LV-15-1 | 86 | | | | | | | | | | |
| 570-62332-13 | LV-15-2.5 | 103 | | | | | | | | | | |
| 570-62332-14 | LV-15-5 | 105 | | | | | | | | | | |
| 570-62332-15 | LV-15-7.5 | 103 | | | | | | | | | | |
| 570-62332-16 | LV-15-10 | 100 | | | | | | | | | | |
| 570-62332-17 | LV-16-1 | 101 | | | | | | | | | | |
| 570-62332-18 | LV-16-2.5 | 98 | | | | | | | | | | |
| 570-62332-19 | LV-16-5 | 97 | | | | | | | | | | |
| 570-62332-20 | LV-16-7.5 | 102 | | | | | | | | | | |
| 570-62332-21 | LV-16-10 | 100 | | | | | | | | | | |
| 570-62332-22 | LV-17-1 | 95 | | | | | | | | | | |
| 570-62332-22 MS | LV-17-1 | 92 | | | | | | | | | | |
| 570-62332-22 MSD | LV-17-1 | 92 | | | | | | | | | | |
| 570-62332-23 - DL | LV-17-2.5 | 97 | | | | | | | | | | |
| 570-62332-24 - DL | LV-17-5 | 90 | | | | | | | | | | |
| 570-62332-25 | LV-17-7.5 | 97 | | | | | | | | | | |
| 570-62332-26 | LV-17-10 | 96 | | | | | | | | | | |
| 570-62332-27 | LV-19-1 | 68 | | | | | | | | | | |
| 570-62332-28 | LV-19-2.5 | 84 | | | | | | | | | | |
| 570-62332-29 | LV-19-5 | 96 | | | | | | | | | | |
| 570-62332-30 | LV-19-7.5 | 95 | | | | | | | | | | |
| 570-62332-31 | LV-19-10 | 92 | | | | | | | | | | |
| 570-62332-33 | LV-18-1 | 71 | | | | | | | | | | |
| 570-62332-34 | LV-18-2.5 | 99 | | | | | | | | | | |
| 570-62332-35 | LV-18-5 | 93 | | | | | | | | | | |
| 570-62332-36 | LV-18-7.5 | 100 | | | | | | | | | | |
| 570-62332-37 | LV-18-10 | 98 | | | | | | | | | | |
| 570-62332-39 | LV-10-1 | 99 | | | | | | | | | | |
| 570-62332-40 | LV-10-5 | 92 | | | | | | | | | | |
| 570-62332-41 | LV-10-10 | 93 | | | | | | | | | | |
| LCS 570-159938/2-A | Lab Control Sample | 102 | | | | | | | | | | |
| LCS 570-159943/2-A | Lab Control Sample | 91 | | | | | | | | | | |
| LCSD 570-159938/3-A | Lab Control Sample Dup | 100 | | | | | | | | | | |
| LCSD 570-159943/3-A | Lab Control Sample Dup | 84 | | | | | | | | | | |
| MB 570-159938/1-A | Method Blank | 90 | | | | | | | | | | |
| MB 570-159943/1-A | Method Blank | 85 | | | | | | | | | | |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | TCX1 (25-126) | DCB1 (20-155) | | | | | | | | |
| 570-62332-1 | LV-11-1 | 83 | 81 | | | | | | | | |
| 570-62332-3 | LV-11-2.5 | 80 | 74 | | | | | | | | |

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TCX1 | DCB1 | | | | | | | | |
| Lab Sample ID | Client Sample ID | (25-126) | (20-155) | | | | | | | | |
| 570-62332-4 | LV-11-5 | 88 | 78 | | | | | | | | |
| 570-62332-5 | LV-11-7.5 | 77 | 71 | | | | | | | | |
| 570-62332-6 | LV-11-10 | 77 | 73 | | | | | | | | |
| 570-62332-7 | LV-12-1 | 81 | 69 | | | | | | | | |
| 570-62332-8 | LV-12-2.5 | 76 | 74 | | | | | | | | |
| 570-62332-9 | LV-12-5 | 65 | 63 | | | | | | | | |
| 570-62332-10 | LV-12-7.5 | 52 | 49 | | | | | | | | |
| 570-62332-11 | LV-12-10 | 68 | 66 | | | | | | | | |
| 570-62332-12 | LV-15-1 | 74 | 75 | | | | | | | | |
| 570-62332-13 | LV-15-2.5 | 74 | 66 | | | | | | | | |
| 570-62332-14 | LV-15-5 | 70 | 65 | | | | | | | | |
| 570-62332-15 | LV-15-7.5 | 76 | 64 | | | | | | | | |
| 570-62332-16 | LV-15-10 | 74 | 65 | | | | | | | | |
| 570-62332-17 | LV-16-1 | 75 | 72 | | | | | | | | |
| 570-62332-18 | LV-16-2.5 | 73 | 61 | | | | | | | | |
| 570-62332-19 | LV-16-5 | 82 | 74 | | | | | | | | |
| 570-62332-20 | LV-16-7.5 | 78 | 71 | | | | | | | | |
| 570-62332-21 | LV-16-10 | 40 | 29 | | | | | | | | |
| 570-62332-21 MS | LV-16-10 | 71 | 64 | | | | | | | | |
| 570-62332-21 MSD | LV-16-10 | 73 p | 64 | | | | | | | | |
| 570-62332-22 | LV-17-1 | 84 | 84 | | | | | | | | |
| 570-62332-23 | LV-17-2.5 | 73 | 86 | | | | | | | | |
| 570-62332-24 | LV-17-5 | 72 | 92 p | | | | | | | | |
| 570-62332-25 | LV-17-7.5 | 103 | 81 | | | | | | | | |
| 570-62332-26 | LV-17-10 | 75 | 78 | | | | | | | | |
| 570-62332-27 | LV-19-1 | 85 | 84 | | | | | | | | |
| 570-62332-28 | LV-19-2.5 | 78 | 74 | | | | | | | | |
| 570-62332-29 | LV-19-5 | 65 | 65 | | | | | | | | |
| 570-62332-30 | LV-19-7.5 | 59 | 60 | | | | | | | | |
| 570-62332-31 | LV-19-10 | 53 | 54 | | | | | | | | |
| 570-62332-32 | LV-20-0.5 | 87 | 83 | | | | | | | | |
| 570-62332-32 MS | LV-20-0.5 | 84 | 80 | | | | | | | | |
| 570-62332-32 MSD | LV-20-0.5 | 83 | 79 | | | | | | | | |
| 570-62332-33 | LV-18-1 | 81 | 70 | | | | | | | | |
| 570-62332-34 | LV-18-2.5 | 67 | 65 | | | | | | | | |
| 570-62332-35 | LV-18-5 | 55 | 59 | | | | | | | | |
| 570-62332-36 | LV-18-7.5 | 52 | 59 | | | | | | | | |
| 570-62332-37 | LV-18-10 | 59 | 70 | | | | | | | | |
| 570-62332-39 | LV-10-1 | 77 | 84 | | | | | | | | |
| 570-62332-39 - DL | LV-10-1 | 84 | 119 | | | | | | | | |
| 570-62332-40 | LV-10-5 | 77 | 83 | | | | | | | | |
| 570-62332-41 | LV-10-10 | 42 | 43 | | | | | | | | |
| LCS 570-158880/2-A | Lab Control Sample | 102 | 98 | | | | | | | | |
| LCS 570-158883/2-A | Lab Control Sample | 93 | 102 | | | | | | | | |
| LCSD 570-158880/3-A | Lab Control Sample Dup | 104 | 98 | | | | | | | | |
| LCSD 570-158883/3-A | Lab Control Sample Dup | 94 | 107 | | | | | | | | |
| MB 570-158880/1-A | Method Blank | 97 p | 94 | | | | | | | | |
| MB 570-158883/1-A | Method Blank | 87 | 101 | | | | | | | | |

**Surrogate Legend**

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-159363/6**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159363/6**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | | *06/24/21 00:21* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | | *06/24/21 00:21* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | | *06/24/21 00:21* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *06/24/21 00:21* | *1* |

**Lab Sample ID: LCS 570-159363/3**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 47.25 | | ug/Kg | | 94 | 67 - 122 |
| 1,2-Dibromoethane | 50.0 | 44.22 | | ug/Kg | | 88 | 80 - 123 |
| 1,2-Dichlorobenzene | 50.0 | 44.69 | | ug/Kg | | 89 | 80 - 120 |
| 1,2-Dichloroethane | 50.0 | 47.10 | | ug/Kg | | 94 | 80 - 125 |
| Benzene | 50.0 | 44.63 | | ug/Kg | | 89 | 79 - 120 |
| Carbon tetrachloride | 50.0 | 52.50 | | ug/Kg | | 105 | 69 - 132 |
| Chlorobenzene | 50.0 | 45.69 | | ug/Kg | | 91 | 80 - 120 |
| Di-isopropyl ether (DIPE) | 50.0 | 44.43 | | ug/Kg | | 89 | 62 - 128 |
| Ethanol | 500 | 414.5 | | ug/Kg | | 83 | 48 - 151 |
| Ethylbenzene | 50.0 | 45.61 | | ug/Kg | | 91 | 80 - 120 |
| Ethyl-t-butyl ether (ETBE) | 50.0 | 45.06 | | ug/Kg | | 90 | 66 - 123 |
| m,p-Xylene | 100 | 90.63 | | ug/Kg | | 91 | 79 - 120 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159363/3**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 44.50 | | ug/Kg | | 89 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 45.77 | | ug/Kg | | 92 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159363/4**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 53.07 | | ug/Kg | | 106 | 67 - 122 | 12 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 49.22 | | ug/Kg | | 98 | 80 - 123 | 11 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 49.89 | | ug/Kg | | 100 | 80 - 120 | 11 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 52.37 | | ug/Kg | | 105 | 80 - 125 | 11 | 20 |
| Benzene | | | 50.0 | 50.33 | | ug/Kg | | 101 | 79 - 120 | 12 | 20 |
| Carbon tetrachloride | | | 50.0 | 60.51 | | ug/Kg | | 121 | 69 - 132 | 14 | 20 |
| Chlorobenzene | | | 50.0 | 50.53 | | ug/Kg | | 101 | 80 - 120 | 10 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.61 | | ug/Kg | | 99 | 62 - 128 | 11 | 20 |
| Ethanol | | | 500 | 475.7 | | ug/Kg | | 95 | 48 - 151 | 14 | 29 |
| Ethylbenzene | | | 50.0 | 50.71 | | ug/Kg | | 101 | 80 - 120 | 11 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 50.34 | | ug/Kg | | 101 | 66 - 123 | 11 | 20 |
| m,p-Xylene | | | 100 | 100.6 | | ug/Kg | | 101 | 79 - 120 | 10 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 49.68 | | ug/Kg | | 99 | 68 - 120 | 11 | 20 |
| o-Xylene | | | 50.0 | 51.05 | | ug/Kg | | 102 | 79 - 120 | 11 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

**Lab Sample ID: MB 570-159453/10**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159453/10**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159453/10**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *80 - 142* | | *06/24/21 11:18* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* | | *06/24/21 11:18* | *1* |
| *Dibromofluoromethane (Surr)* | *93* | | *80 - 123* | | *06/24/21 11:18* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | | *06/24/21 11:18* | *1* |

**Lab Sample ID: LCS 570-159453/7**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 52.11 | | ug/Kg | | 104 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 52.35 | | ug/Kg | | 105 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 52.04 | | ug/Kg | | 104 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 45.24 | | ug/Kg | | 90 | 80 - 125 | | |
| Benzene | | | 50.0 | 51.66 | | ug/Kg | | 103 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 51.28 | | ug/Kg | | 103 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 50.74 | | ug/Kg | | 101 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 50.15 | | ug/Kg | | 100 | 62 - 128 | | |
| Ethanol | | | 500 | 382.7 | | ug/Kg | | 77 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 51.51 | | ug/Kg | | 103 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 51.46 | | ug/Kg | | 103 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 103.4 | | ug/Kg | | 103 | 79 - 120 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.27 | | ug/Kg | | 101 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 51.75 | | ug/Kg | | 103 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *90* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-159453/5**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 54.42 | | ug/Kg | | 109 | 67 - 122 | 4 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 53.39 | | ug/Kg | | 107 | 80 - 123 | 2 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 53.68 | | ug/Kg | | 107 | 80 - 120 | 3 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 46.82 | | ug/Kg | | 94 | 80 - 125 | 3 | 20 |
| Benzene | | | 50.0 | 53.82 | | ug/Kg | | 108 | 79 - 120 | 4 | 20 |
| Carbon tetrachloride | | | 50.0 | 53.64 | | ug/Kg | | 107 | 69 - 132 | 4 | 20 |
| Chlorobenzene | | | 50.0 | 52.77 | | ug/Kg | | 106 | 80 - 120 | 4 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 51.60 | | ug/Kg | | 103 | 62 - 128 | 3 | 20 |
| Ethanol | | | 500 | 405.3 | | ug/Kg | | 81 | 48 - 151 | 6 | 29 |
| Ethylbenzene | | | 50.0 | 53.83 | | ug/Kg | | 108 | 80 - 120 | 4 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 52.04 | | ug/Kg | | 104 | 66 - 123 | 1 | 20 |
| m,p-Xylene | | | 100 | 107.1 | | ug/Kg | | 107 | 79 - 120 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.82 | | ug/Kg | | 102 | 68 - 120 | 1 | 20 |
| o-Xylene | | | 50.0 | 53.61 | | ug/Kg | | 107 | 79 - 120 | 4 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *90* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

**Lab Sample ID: MB 570-159461/10**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1,1-Trichloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1,2-Trichloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1-Dichloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1-Dichloropropene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2,3-Trichlorobenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2,3-Trichloropropane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2,4-Trimethylbenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dibromoethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dichloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dichloropropane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,3,5-Trimethylbenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,3-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,3-Dichloropropane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,4-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 2,2-Dichloropropane | ND | | 250 | | ug/Kg | | | 06/24/21 12:15 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159461/10**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 2-Chlorotoluene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 2-Hexanone | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 4-Chlorotoluene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 4-Methyl-2-pentanone | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Acetone | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Benzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromochloromethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromodichloromethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromoform | ND | | 250 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromomethane | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Carbon disulfide | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Carbon tetrachloride | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Chlorobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Chloroethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Chloroform | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Chloromethane | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| cis-1,2-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| cis-1,3-Dichloropropene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Dibromochloromethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Dibromomethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Dichlorodifluoromethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Di-isopropyl ether (DIPE) | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Ethanol | ND | | 13000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Ethylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Ethyl-t-butyl ether (ETBE) | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Isopropylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| m,p-Xylene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Methylene Chloride | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Naphthalene | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| n-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| N-Propylbenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| o-Xylene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| p-Isopropyltoluene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| sec-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Styrene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Tert-amyl-methyl ether (TAME) | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| tert-Butyl alcohol (TBA) | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| tert-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Tetrachloroethene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Toluene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| trans-1,2-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| trans-1,3-Dichloropropene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Trichloroethene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Trichlorofluoromethane | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Vinyl acetate | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Vinyl chloride | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159461/10**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | | *06/24/21 12:15* | *50* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | | *06/24/21 12:15* | *50* |
| *Dibromofluoromethane (Surr)* | *109* | | *80 - 123* | | *06/24/21 12:15* | *50* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *06/24/21 12:15* | *50* |

**Lab Sample ID: MB 570-159461/9**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159461/9**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *80 - 142* | | *06/24/21 11:49* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | | *06/24/21 11:49* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | | *06/24/21 11:49* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *06/24/21 11:49* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159461/4**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 51.85 | | ug/Kg | | 104 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 49.10 | | ug/Kg | | 98 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 51.46 | | ug/Kg | | 103 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 53.49 | | ug/Kg | | 107 | 80 - 125 | | |
| Benzene | | | 50.0 | 46.46 | | ug/Kg | | 93 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 58.09 | | ug/Kg | | 116 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 49.67 | | ug/Kg | | 99 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.50 | | ug/Kg | | 91 | 62 - 128 | | |
| Ethanol | | | 500 | 496.7 | | ug/Kg | | 99 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 49.68 | | ug/Kg | | 99 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 48.45 | | ug/Kg | | 97 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 100.4 | | ug/Kg | | 100 | 79 - 120 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.67 | | ug/Kg | | 101 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 50.57 | | ug/Kg | | 101 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159461/5**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 51.40 | | ug/Kg | | 103 | 67 - 122 | 1 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 46.91 | | ug/Kg | | 94 | 80 - 123 | 5 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 53.13 | | ug/Kg | | 106 | 80 - 120 | 3 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 52.57 | | ug/Kg | | 105 | 80 - 125 | 2 | 20 |
| Benzene | | | 50.0 | 45.98 | | ug/Kg | | 92 | 79 - 120 | 1 | 20 |
| Carbon tetrachloride | | | 50.0 | 57.01 | | ug/Kg | | 114 | 69 - 132 | 2 | 20 |
| Chlorobenzene | | | 50.0 | 49.51 | | ug/Kg | | 99 | 80 - 120 | 0 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.06 | | ug/Kg | | 90 | 62 - 128 | 1 | 20 |
| Ethanol | | | 500 | 476.9 | | ug/Kg | | 95 | 48 - 151 | 4 | 29 |
| Ethylbenzene | | | 50.0 | 48.99 | | ug/Kg | | 98 | 80 - 120 | 1 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 48.22 | | ug/Kg | | 96 | 66 - 123 | 0 | 20 |
| m,p-Xylene | | | 100 | 96.63 | | ug/Kg | | 97 | 79 - 120 | 4 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.43 | | ug/Kg | | 101 | 68 - 120 | 0 | 20 |
| o-Xylene | | | 50.0 | 50.10 | | ug/Kg | | 100 | 79 - 120 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-159497/11**
**Matrix: Solid**
**Analysis Batch: 159497**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/24/21 15:46 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | | *06/24/21 15:46* | *1* |

**Lab Sample ID: LCS 570-159497/9**
**Matrix: Solid**
**Analysis Batch: 159497**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.667 | | mg/Kg | | 79 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *42 - 126* |

**Lab Sample ID: LCSD 570-159497/10**
**Matrix: Solid**
**Analysis Batch: 159497**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.529 | | mg/Kg | | 72 | 70 - 124 | 9 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *42 - 126* |

**Lab Sample ID: MB 570-159777/5**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/25/21 10:58 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | | *06/25/21 10:58* | *1* |

**Lab Sample ID: MB 570-159777/6**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 2.0 | | mg/Kg | | | 06/25/21 11:22 | 20 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | | *06/25/21 11:22* | *20* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: LCS 570-159777/3**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.030 | | mg/Kg | | 96 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* |

**Lab Sample ID: LCSD 570-159777/4**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.042 | | mg/Kg | | 96 | 70 - 124 | 1 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-159938/1-A**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 04:28 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 04:28 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *90* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 04:28* | *1* |

**Lab Sample ID: LCS 570-159938/2-A**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 429.2 | | mg/Kg | | 107 | 80 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *102* | | *60 - 138* |

**Lab Sample ID: LCSD 570-159938/3-A**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 419.9 | | mg/Kg | | 105 | 80 - 130 | 2 | 20 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCSD 570-159938/3-A**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 100 | | 60 - 138 |

**Lab Sample ID: 570-62332-1 MS**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 380 | 406.0 | | mg/Kg | | 106 | 43 - 165 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 98 | | 60 - 138 |

**Lab Sample ID: 570-62332-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 415 | 430.1 | | mg/Kg | | 102 | 43 - 165 | 6 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 92 | | 60 - 138 |

**Lab Sample ID: MB 570-159943/1-A**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 02:21 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 02:21 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 85 | | 60 - 138 | 06/25/21 15:39 | 06/26/21 02:21 | 1 |

**Lab Sample ID: LCS 570-159943/2-A**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 430.5 | | mg/Kg | | 108 | 80 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 91 | | 60 - 138 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCSD 570-159943/3-A**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 439.9 | | mg/Kg | | 110 | 80 - 130 | 2 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* |

**Lab Sample ID: 570-62332-22 MS**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 68 | | 404 | 515.7 | | mg/Kg | | 111 | 43 - 165 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* |

**Lab Sample ID: 570-62332-22 MSD**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 68 | | 394 | 475.5 | | mg/Kg | | 103 | 43 - 165 | 8 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-158880/1-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 158880**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *97* | *p* | *25 - 126* | *06/22/21 09:56* | *06/24/21 19:03* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *94* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 19:03* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCS 570-158880/2-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 158880**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 116.4 | | ug/Kg | | 116 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 105.0 | | ug/Kg | | 105 | 50 - 150 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *102* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *98* | | *20 - 155* |

**Lab Sample ID: LCSD 570-158880/3-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 158880**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 118.0 | | ug/Kg | | 118 | 50 - 142 | 1 | 30 |
| Aroclor-1260 | | | 100 | 108.7 | | ug/Kg | | 109 | 50 - 150 | 3 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *104* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *98* | | *20 - 155* |

**Lab Sample ID: 570-62332-21 MS**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: LV-16-10**
**Prep Type: Total/NA**
**Prep Batch: 158880**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.2 | 80.21 | | ug/Kg | | 81 | 20 - 175 | | |
| Aroclor-1260 | ND | | 99.2 | 78.24 | | ug/Kg | | 79 | 20 - 180 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *71* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *64* | | *20 - 155* |

**Lab Sample ID: 570-62332-21 MSD**
**Matrix: Solid**
**Analysis Batch: 159339**

**Client Sample ID: LV-16-10**
**Prep Type: Total/NA**
**Prep Batch: 158880**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.9 | 84.86 | | ug/Kg | | 85 | 20 - 175 | 6 | 40 |
| Aroclor-1260 | ND | | 99.9 | 75.40 | | ug/Kg | | 75 | 20 - 180 | 4 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *73* | *p* | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *64* | | *20 - 155* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 570-158883/1-A**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 19:36* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *101* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 19:36* | *1* |

**Lab Sample ID: LCS 570-158883/2-A**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 85.94 | | ug/Kg | | 86 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 98.10 | | ug/Kg | | 98 | 50 - 150 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *93* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *102* | | *20 - 155* |

**Lab Sample ID: LCSD 570-158883/3-A**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 88.94 | | ug/Kg | | 89 | 50 - 142 | 3 | 30 |
| Aroclor-1260 | | | 100 | 103.8 | | ug/Kg | | 104 | 50 - 150 | 6 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *94* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *107* | | *20 - 155* |

**Lab Sample ID: 570-62332-32 MS**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: LV-20-0.5**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.8 | 120.6 | | ug/Kg | | 121 | 20 - 175 | | |
| Aroclor-1260 | ND | | 99.8 | 101.3 | | ug/Kg | | 102 | 20 - 180 | | |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-62332-32 MS**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: LV-20-0.5**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *80* | | *20 - 155* |

**Lab Sample ID: 570-62332-32 MSD**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: LV-20-0.5**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 100 | 86.72 | | ug/Kg | | 87 | 20 - 175 | 33 | 40 |
| Aroclor-1260 | ND | | 100 | 109.5 | | ug/Kg | | 109 | 20 - 180 | 8 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *79* | | *20 - 155* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-159530/1-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Arsenic | ND | | 2.46 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Barium | ND | | 0.493 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Beryllium | ND | | 0.246 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Cobalt | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Chromium | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Copper | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Nickel | ND | | 0.493 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Vanadium | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Zinc | ND | | 9.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Lead | ND | | 4.93 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |

**Lab Sample ID: LCS 570-159530/2-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | | | 12.4 | 12.35 | | mg/Kg | | 99 | 80 - 120 | | |
| Arsenic | | | 24.9 | 23.30 | | mg/Kg | | 94 | 80 - 120 | | |
| Barium | | | 24.9 | 26.60 | | mg/Kg | | 107 | 80 - 120 | | |
| Beryllium | | | 24.9 | 24.14 | | mg/Kg | | 97 | 80 - 120 | | |
| Cadmium | | | 24.9 | 24.80 | | mg/Kg | | 100 | 80 - 120 | | |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-159530/2-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Cobalt | 24.9 | 25.23 | | mg/Kg | | 101 | 80 - 120 |
| Chromium | 24.9 | 25.05 | | mg/Kg | | 101 | 80 - 120 |
| Copper | 24.9 | 25.95 | | mg/Kg | | 104 | 80 - 120 |
| Molybdenum | 24.9 | 23.81 | | mg/Kg | | 96 | 80 - 120 |
| Nickel | 24.9 | 26.05 | | mg/Kg | | 105 | 80 - 120 |
| Antimony | 24.9 | 24.93 | | mg/Kg | | 100 | 80 - 120 |
| Selenium | 24.9 | 23.95 | | mg/Kg | | 96 | 80 - 120 |
| Thallium | 24.9 | 25.78 | | mg/Kg | | 104 | 80 - 120 |
| Vanadium | 24.9 | 24.68 | | mg/Kg | | 99 | 80 - 120 |
| Zinc | 24.9 | 24.27 | | mg/Kg | | 98 | 80 - 120 |
| Lead | 24.9 | 23.54 | | mg/Kg | | 95 | 80 - 120 |

**Lab Sample ID: LCSD 570-159530/3-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Silver | 13.2 | 13.01 | | mg/Kg | | 99 | 80 - 120 | 5 | 20 |
| Arsenic | 26.3 | 24.26 | | mg/Kg | | 92 | 80 - 120 | 4 | 20 |
| Barium | 26.3 | 28.03 | | mg/Kg | | 107 | 80 - 120 | 5 | 20 |
| Beryllium | 26.3 | 25.59 | | mg/Kg | | 97 | 80 - 120 | 6 | 20 |
| Cadmium | 26.3 | 26.27 | | mg/Kg | | 100 | 80 - 120 | 6 | 20 |
| Cobalt | 26.3 | 26.60 | | mg/Kg | | 101 | 80 - 120 | 5 | 20 |
| Chromium | 26.3 | 26.50 | | mg/Kg | | 101 | 80 - 120 | 6 | 20 |
| Copper | 26.3 | 27.41 | | mg/Kg | | 104 | 80 - 120 | 5 | 20 |
| Molybdenum | 26.3 | 25.74 | | mg/Kg | | 98 | 80 - 120 | 8 | 20 |
| Nickel | 26.3 | 27.36 | | mg/Kg | | 104 | 80 - 120 | 5 | 20 |
| Antimony | 26.3 | 25.82 | | mg/Kg | | 98 | 80 - 120 | 3 | 20 |
| Selenium | 26.3 | 24.61 | | mg/Kg | | 94 | 80 - 120 | 3 | 20 |
| Thallium | 26.3 | 27.33 | | mg/Kg | | 104 | 80 - 120 | 6 | 20 |
| Vanadium | 26.3 | 26.02 | | mg/Kg | | 99 | 80 - 120 | 5 | 20 |
| Zinc | 26.3 | 25.81 | | mg/Kg | | 98 | 80 - 120 | 6 | 20 |
| Lead | 26.3 | 25.09 | | mg/Kg | | 95 | 80 - 120 | 6 | 20 |

**Lab Sample ID: 570-62332-1 MS**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.8 | 10.25 | | mg/Kg | | 80 | 75 - 125 |
| Arsenic | ND | | 25.5 | 20.15 | | mg/Kg | | 79 | 75 - 125 |
| Barium | 46.8 | | 25.5 | 71.30 | | mg/Kg | | 96 | 75 - 125 |
| Beryllium | ND | | 25.5 | 21.26 | | mg/Kg | | 83 | 75 - 125 |
| Cadmium | ND | | 25.5 | 20.76 | | mg/Kg | | 80 | 75 - 125 |
| Cobalt | 3.79 | | 25.5 | 24.63 | | mg/Kg | | 82 | 75 - 125 |
| Chromium | 5.73 | | 25.5 | 26.64 | | mg/Kg | | 82 | 75 - 125 |
| Copper | 9.86 | | 25.5 | 31.85 | | mg/Kg | | 86 | 75 - 125 |
| Molybdenum | 1.04 | | 25.5 | 20.90 | | mg/Kg | | 78 | 75 - 125 |
| Nickel | 3.70 | | 25.5 | 24.94 | | mg/Kg | | 83 | 75 - 125 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62332-1 MS**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | F1 | 25.5 | 16.06 | F1 | mg/Kg | | 63 | 75 - 125 | | |
| Selenium | ND | | 25.5 | 21.45 | | mg/Kg | | 84 | 75 - 125 | | |
| Thallium | ND | | 25.5 | 19.85 | | mg/Kg | | 78 | 75 - 125 | | |
| Vanadium | 9.62 | | 25.5 | 33.15 | | mg/Kg | | 92 | 75 - 125 | | |
| Zinc | 33.0 | | 25.5 | 57.62 | | mg/Kg | | 96 | 75 - 125 | | |
| Lead | 11.9 | | 25.5 | 31.62 | | mg/Kg | | 77 | 75 - 125 | | |

**Lab Sample ID: 570-62332-1 MSD**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.5 | 10.09 | | mg/Kg | | 81 | 75 - 125 | 2 | 20 |
| Arsenic | ND | | 25.0 | 20.38 | | mg/Kg | | 82 | 75 - 125 | 1 | 20 |
| Barium | 46.8 | | 25.0 | 70.16 | | mg/Kg | | 94 | 75 - 125 | 2 | 20 |
| Beryllium | ND | | 25.0 | 21.05 | | mg/Kg | | 83 | 75 - 125 | 1 | 20 |
| Cadmium | ND | | 25.0 | 20.67 | | mg/Kg | | 82 | 75 - 125 | 0 | 20 |
| Cobalt | 3.79 | | 25.0 | 24.41 | | mg/Kg | | 82 | 75 - 125 | 1 | 20 |
| Chromium | 5.73 | | 25.0 | 26.23 | | mg/Kg | | 82 | 75 - 125 | 2 | 20 |
| Copper | 9.86 | | 25.0 | 31.77 | | mg/Kg | | 88 | 75 - 125 | 0 | 20 |
| Molybdenum | 1.04 | | 25.0 | 20.75 | | mg/Kg | | 79 | 75 - 125 | 1 | 20 |
| Nickel | 3.70 | | 25.0 | 25.00 | | mg/Kg | | 85 | 75 - 125 | 0 | 20 |
| Antimony | ND | F1 | 25.0 | 15.48 | F1 | mg/Kg | | 62 | 75 - 125 | 4 | 20 |
| Selenium | ND | | 25.0 | 22.26 | | mg/Kg | | 89 | 75 - 125 | 4 | 20 |
| Thallium | ND | | 25.0 | 19.48 | | mg/Kg | | 78 | 75 - 125 | 2 | 20 |
| Vanadium | 9.62 | | 25.0 | 32.71 | | mg/Kg | | 92 | 75 - 125 | 1 | 20 |
| Zinc | 33.0 | | 25.0 | 57.52 | | mg/Kg | | 98 | 75 - 125 | 0 | 20 |
| Lead | 11.9 | | 25.0 | 31.58 | | mg/Kg | | 79 | 75 - 125 | 0 | 20 |

**Lab Sample ID: MB 570-159584/1-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Barium | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Beryllium | ND | | 0.251 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Cobalt | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Chromium | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Copper | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Nickel | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Vanadium | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Zinc | ND | | 10.1 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: MB 570-159584/1-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |

**Lab Sample ID: LCS 570-159584/2-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | | | 13.2 | 12.54 | | mg/Kg | | 95 | 80 - 120 | | |
| Arsenic | | | 26.3 | 27.19 | | mg/Kg | | 103 | 80 - 120 | | |
| Barium | | | 26.3 | 29.30 | | mg/Kg | | 111 | 80 - 120 | | |
| Beryllium | | | 26.3 | 26.40 | | mg/Kg | | 100 | 80 - 120 | | |
| Cadmium | | | 26.3 | 27.23 | | mg/Kg | | 103 | 80 - 120 | | |
| Cobalt | | | 26.3 | 27.58 | | mg/Kg | | 105 | 80 - 120 | | |
| Chromium | | | 26.3 | 27.63 | | mg/Kg | | 105 | 80 - 120 | | |
| Copper | | | 26.3 | 28.16 | | mg/Kg | | 107 | 80 - 120 | | |
| Molybdenum | | | 26.3 | 25.43 | | mg/Kg | | 97 | 80 - 120 | | |
| Nickel | | | 26.3 | 28.52 | | mg/Kg | | 108 | 80 - 120 | | |
| Antimony | | | 26.3 | 26.18 | | mg/Kg | | 99 | 80 - 120 | | |
| Selenium | | | 26.3 | 25.30 | | mg/Kg | | 96 | 80 - 120 | | |
| Thallium | | | 26.3 | 26.88 | | mg/Kg | | 102 | 80 - 120 | | |
| Vanadium | | | 26.3 | 27.06 | | mg/Kg | | 103 | 80 - 120 | | |
| Zinc | | | 26.3 | 26.45 | | mg/Kg | | 101 | 80 - 120 | | |
| Lead | | | 26.3 | 25.98 | | mg/Kg | | 99 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-159584/3-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | | | 12.8 | 12.56 | | mg/Kg | | 98 | 80 - 120 | 0 | 20 |
| Arsenic | | | 25.6 | 26.40 | | mg/Kg | | 103 | 80 - 120 | 3 | 20 |
| Barium | | | 25.6 | 28.63 | | mg/Kg | | 112 | 80 - 120 | 2 | 20 |
| Beryllium | | | 25.6 | 25.91 | | mg/Kg | | 101 | 80 - 120 | 2 | 20 |
| Cadmium | | | 25.6 | 26.78 | | mg/Kg | | 104 | 80 - 120 | 2 | 20 |
| Cobalt | | | 25.6 | 26.96 | | mg/Kg | | 105 | 80 - 120 | 2 | 20 |
| Chromium | | | 25.6 | 27.12 | | mg/Kg | | 106 | 80 - 120 | 2 | 20 |
| Copper | | | 25.6 | 27.66 | | mg/Kg | | 108 | 80 - 120 | 2 | 20 |
| Molybdenum | | | 25.6 | 25.38 | | mg/Kg | | 99 | 80 - 120 | 0 | 20 |
| Nickel | | | 25.6 | 27.92 | | mg/Kg | | 109 | 80 - 120 | 2 | 20 |
| Antimony | | | 25.6 | 26.00 | | mg/Kg | | 101 | 80 - 120 | 1 | 20 |
| Selenium | | | 25.6 | 24.54 | | mg/Kg | | 96 | 80 - 120 | 3 | 20 |
| Thallium | | | 25.6 | 26.66 | | mg/Kg | | 104 | 80 - 120 | 1 | 20 |
| Vanadium | | | 25.6 | 26.49 | | mg/Kg | | 103 | 80 - 120 | 2 | 20 |
| Zinc | | | 25.6 | 26.06 | | mg/Kg | | 102 | 80 - 120 | 1 | 20 |
| Lead | | | 25.6 | 25.52 | | mg/Kg | | 100 | 80 - 120 | 2 | 20 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62332-22 MS**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.6 | 9.979 | | mg/Kg | | 79 | 75 - 125 |
| Arsenic | ND | | 25.1 | 21.93 | | mg/Kg | | 87 | 75 - 125 |
| Barium | 80.2 | F1 | 25.1 | 96.38 | F1 | mg/Kg | | 64 | 75 - 125 |
| Beryllium | 0.274 | | 25.1 | 20.77 | | mg/Kg | | 82 | 75 - 125 |
| Cadmium | ND | | 25.1 | 20.19 | | mg/Kg | | 79 | 75 - 125 |
| Cobalt | 5.49 | | 25.1 | 24.76 | | mg/Kg | | 77 | 75 - 125 |
| Chromium | 10.5 | | 25.1 | 30.49 | | mg/Kg | | 80 | 75 - 125 |
| Copper | 12.7 | | 25.1 | 32.53 | | mg/Kg | | 79 | 75 - 125 |
| Molybdenum | 0.543 | | 25.1 | 19.68 | | mg/Kg | | 76 | 75 - 125 |
| Nickel | 7.95 | | 25.1 | 27.70 | | mg/Kg | | 79 | 75 - 125 |
| Antimony | ND | F1 | 25.1 | 7.219 | F1 | mg/Kg | | 29 | 75 - 125 |
| Selenium | ND | | 25.1 | 21.22 | | mg/Kg | | 84 | 75 - 125 |
| Thallium | ND | | 25.1 | 18.94 | | mg/Kg | | 75 | 75 - 125 |
| Vanadium | 18.2 | | 25.1 | 38.05 | | mg/Kg | | 79 | 75 - 125 |
| Zinc | 28.4 | F1 | 25.1 | 44.94 | F1 | mg/Kg | | 66 | 75 - 125 |
| Lead | 10.8 | F1 | 25.1 | 27.28 | F1 | mg/Kg | | 65 | 75 - 125 |

**Lab Sample ID: 570-62332-22 MSD**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.5 | 10.01 | | mg/Kg | | 80 | 75 - 125 | 0 | 20 |
| Arsenic | ND | | 25.0 | 22.13 | | mg/Kg | | 89 | 75 - 125 | 1 | 20 |
| Barium | 80.2 | F1 | 25.0 | 96.54 | F1 | mg/Kg | | 65 | 75 - 125 | 0 | 20 |
| Beryllium | 0.274 | | 25.0 | 21.13 | | mg/Kg | | 83 | 75 - 125 | 2 | 20 |
| Cadmium | ND | | 25.0 | 20.10 | | mg/Kg | | 79 | 75 - 125 | 0 | 20 |
| Cobalt | 5.49 | | 25.0 | 24.75 | | mg/Kg | | 77 | 75 - 125 | 0 | 20 |
| Chromium | 10.5 | | 25.0 | 30.75 | | mg/Kg | | 81 | 75 - 125 | 1 | 20 |
| Copper | 12.7 | | 25.0 | 32.88 | | mg/Kg | | 81 | 75 - 125 | 1 | 20 |
| Molybdenum | 0.543 | | 25.0 | 19.72 | | mg/Kg | | 77 | 75 - 125 | 0 | 20 |
| Nickel | 7.95 | | 25.0 | 27.70 | | mg/Kg | | 79 | 75 - 125 | 0 | 20 |
| Antimony | ND | F1 | 25.0 | 6.170 | F1 | mg/Kg | | 25 | 75 - 125 | 16 | 20 |
| Selenium | ND | | 25.0 | 21.59 | | mg/Kg | | 86 | 75 - 125 | 2 | 20 |
| Thallium | ND | | 25.0 | 19.90 | | mg/Kg | | 80 | 75 - 125 | 5 | 20 |
| Vanadium | 18.2 | | 25.0 | 38.26 | | mg/Kg | | 80 | 75 - 125 | 1 | 20 |
| Zinc | 28.4 | F1 | 25.0 | 45.14 | F1 | mg/Kg | | 67 | 75 - 125 | 0 | 20 |
| Lead | 10.8 | F1 | 25.0 | 26.93 | F1 | mg/Kg | | 64 | 75 - 125 | 1 | 20 |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-159535/1-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:12 | 1 |

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCS 570-159535/2-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.833 | 0.9348 | | mg/Kg | | 112 | 85 - 121 | | |

**Lab Sample ID: LCSD 570-159535/3-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.847 | 0.9271 | | mg/Kg | | 109 | 85 - 121 | 1 | 10 |

**Lab Sample ID: 570-62332-1 MS**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.794 | 0.8711 | | mg/Kg | | 99 | 71 - 137 | | |

**Lab Sample ID: 570-62332-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.806 | 0.8483 | | mg/Kg | | 95 | 71 - 137 | 3 | 14 |

**Lab Sample ID: MB 570-159589/1-A**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:01 | 1 |

**Lab Sample ID: LCS 570-159589/2-A**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.820 | 0.7241 | | mg/Kg | | 88 | 85 - 121 | | |

**Lab Sample ID: LCSD 570-159589/3-A**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.847 | 0.7704 | | mg/Kg | | 91 | 85 - 121 | 6 | 10 |

**Lab Sample ID: 570-62332-22 MS**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.806 | 0.7627 | | mg/Kg | | 89 | 71 - 137 | | |

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: 570-62332-22 MSD**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.794 | 0.6971 | | mg/Kg | | 82 | 71 - 137 | 9 | 14 |

## GC/MS VOA

### Prep Batch: 159198

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 5035 | |

### Prep Batch: 159199

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 5035 | |
| 570-62332-2 | LV-11-1-DUP | Total/NA | Solid | 5035 | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 5035 | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 5035 | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 5035 | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 5035 | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 5035 | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 5035 | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 5035 | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 5035 | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 5035 | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 5035 | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 5035 | |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 5035 | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 5035 | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 5035 | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 5035 | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 5035 | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 5035 | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 5035 | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 5035 | |
| 570-62332-38 | LV-18-10-DUP | Total/NA | Solid | 5035 | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 5035 | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 5035 | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159363

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 8260B | 159199 |
| MB 570-159363/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159363/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159363/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Analysis Batch: 159453

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 8260B | 159199 |
| MB 570-159453/10 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159453/7 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159453/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

# QC Association Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## GC/MS VOA

### Analysis Batch: 159461

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-2 | LV-11-1-DUP | Total/NA | Solid | 8260B | 159199 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 8260B | 159198 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-38 | LV-18-10-DUP | Total/NA | Solid | 8260B | 159199 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 8260B | 159199 |
| MB 570-159461/10 | Method Blank | Total/NA | Solid | 8260B | |
| MB 570-159461/9 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159461/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159461/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

## GC VOA

### Prep Batch: 159198

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 5035 | |

### Prep Batch: 159199

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 5035 | |
| 570-62332-2 | LV-11-1-DUP | Total/NA | Solid | 5035 | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 5035 | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 5035 | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 5035 | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 5035 | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 5035 | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 5035 | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 5035 | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 5035 | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 5035 | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 5035 | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 5035 | |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 5035 | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 5035 | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 5035 | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 5035 | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 5035 | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 5035 | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 5035 | |

## GC VOA (Continued)

### Prep Batch: 159199 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 5035 | |
| 570-62332-38 | LV-18-10-DUP | Total/NA | Solid | 5035 | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 5035 | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 5035 | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159497

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-2 | LV-11-1-DUP | Total/NA | Solid | 8015B | 159199 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 8015B | 159199 |
| MB 570-159497/11 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-159497/9 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-159497/10 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 159777

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 8015B | 159198 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-38 | LV-18-10-DUP | Total/NA | Solid | 8015B | 159199 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 8015B | 159199 |
| MB 570-159777/5 | Method Blank | Total/NA | Solid | 8015B | |
| MB 570-159777/6 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-159777/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-159777/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC Semi VOA

### Prep Batch: 158880

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 3546 | |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 3546 | |

## GC Semi VOA (Continued)

### Prep Batch: 158880 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 3546 | |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 3546 | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 3546 | |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 3546 | |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 3546 | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 3546 | |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 3546 | |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 3546 | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 3546 | |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 3546 | |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 3546 | |
| MB 570-158880/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-158880/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-158880/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62332-21 MS | LV-16-10 | Total/NA | Solid | 3546 | |
| 570-62332-21 MSD | LV-16-10 | Total/NA | Solid | 3546 | |

### Prep Batch: 158883

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 3546 | |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 3546 | |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 3546 | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 3546 | |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 3546 | |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 3546 | |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 3546 | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 3546 | |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 3546 | |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 3546 | |
| 570-62332-39 - DL | LV-10-1 | Total/NA | Solid | 3546 | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 3546 | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 3546 | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 3546 | |
| MB 570-158883/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-158883/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-158883/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62332-32 MS | LV-20-0.5 | Total/NA | Solid | 3546 | |
| 570-62332-32 MSD | LV-20-0.5 | Total/NA | Solid | 3546 | |

## GC Semi VOA

### Analysis Batch: 159041

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 8082 | 158883 |
| MB 570-158883/1-A | Method Blank | Total/NA | Solid | 8082 | 158883 |
| LCS 570-158883/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 158883 |
| LCSD 570-158883/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 158883 |
| 570-62332-32 MS | LV-20-0.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-32 MSD | LV-20-0.5 | Total/NA | Solid | 8082 | 158883 |

### Analysis Batch: 159339

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-21 MSD | LV-16-10 | Total/NA | Solid | 8082 | 158880 |

### Analysis Batch: 159506

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-39 - DL | LV-10-1 | Total/NA | Solid | 8082 | 158883 |

### Analysis Batch: 159618

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 8082 | 158880 |

## GC Semi VOA (Continued)

### Analysis Batch: 159618 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 8082 | 158880 |
| MB 570-158880/1-A | Method Blank | Total/NA | Solid | 8082 | 158880 |
| LCS 570-158880/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 158880 |
| LCSD 570-158880/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 158880 |
| 570-62332-21 MS | LV-16-10 | Total/NA | Solid | 8082 | 158880 |

### Analysis Batch: 159821

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 8015B | 159938 |
| MB 570-159938/1-A | Method Blank | Total/NA | Solid | 8015B | 159938 |
| LCS 570-159938/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 159938 |
| LCSD 570-159938/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 159938 |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 8015B | 159938 |

### Prep Batch: 159938

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 3550C | |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 3550C | |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 3550C | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 3550C | |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 3550C | |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 3550C | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 3550C | |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 3550C | |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 3550C | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 3550C | |

## GC Semi VOA (Continued)

### Prep Batch: 159938 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 3550C | |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 3550C | |
| MB 570-159938/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-159938/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-159938/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 3550C | |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 3550C | |

### Prep Batch: 159943

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 3550C | |
| 570-62332-23 - DL | LV-17-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-24 - DL | LV-17-5 | Total/NA | Solid | 3550C | |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 3550C | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 3550C | |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 3550C | |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 3550C | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 3550C | |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 3550C | |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 3550C | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 3550C | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 3550C | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 3550C | |
| MB 570-159943/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-159943/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-159943/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 3550C | |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 3550C | |

### Analysis Batch: 159991

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-23 - DL | LV-17-2.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-24 - DL | LV-17-5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 8015B | 159943 |

## GC Semi VOA (Continued)

### Analysis Batch: 159991 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 8015B | 159943 |
| MB 570-159943/1-A | Method Blank | Total/NA | Solid | 8015B | 159943 |
| LCS 570-159943/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 159943 |
| LCSD 570-159943/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 159943 |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 8015B | 159943 |

### Analysis Batch: 160077

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 8015B | 159938 |

## Metals

### Prep Batch: 159530

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 3050B | |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 3050B | |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 3050B | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 3050B | |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 3050B | |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 3050B | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 3050B | |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 3050B | |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 3050B | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 3050B | |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 3050B | |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 3050B | |
| MB 570-159530/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-159530/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-159530/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 3050B | |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 3050B | |

### Prep Batch: 159535

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 7471A | |

## Metals (Continued)

### Prep Batch: 159535 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 7471A | |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 7471A | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 7471A | |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 7471A | |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 7471A | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 7471A | |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 7471A | |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 7471A | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 7471A | |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 7471A | |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 7471A | |
| MB 570-159535/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-159535/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-159535/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 7471A | |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 7471A | |

### Prep Batch: 159584

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 3050B | |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 3050B | |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 3050B | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 3050B | |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 3050B | |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 3050B | |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 3050B | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 3050B | |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 3050B | |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 3050B | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 3050B | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 3050B | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 3050B | |
| MB 570-159584/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-159584/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-159584/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 3050B | |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 3050B | |

## Metals

### Prep Batch: 159589

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 7471A | |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 7471A | |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 7471A | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 7471A | |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 7471A | |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 7471A | |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 7471A | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 7471A | |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 7471A | |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 7471A | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 7471A | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 7471A | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 7471A | |
| MB 570-159589/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-159589/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-159589/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 7471A | |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 7471A | |

### Analysis Batch: 159631

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 7471A | 159589 |
| MB 570-159589/1-A | Method Blank | Total/NA | Solid | 7471A | 159589 |
| LCS 570-159589/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 159589 |
| LCSD 570-159589/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 159589 |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 7471A | 159589 |

## Metals

### Analysis Batch: 159634

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 7471A | 159535 |
| MB 570-159535/1-A | Method Blank | Total/NA | Solid | 7471A | 159535 |
| LCS 570-159535/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 159535 |
| LCSD 570-159535/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 159535 |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 7471A | 159535 |

### Analysis Batch: 160312

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 6010B | 159584 |

## Metals (Continued)

### Analysis Batch: 160312 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 6010B | 159584 |
| MB 570-159530/1-A | Method Blank | Total/NA | Solid | 6010B | 159530 |
| MB 570-159584/1-A | Method Blank | Total/NA | Solid | 6010B | 159584 |
| LCS 570-159530/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 159530 |
| LCS 570-159584/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 159584 |
| LCSD 570-159530/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 159530 |
| LCSD 570-159584/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 159584 |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 6010B | 159584 |

## Client Sample ID: LV-11-1

**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-1

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.829 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 12:41 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.742 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 16:33 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.98 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 06:20 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 20:16 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.95 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 19:41 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:20 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-11-1-DUP

**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-2

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.187 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 13:07 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.747 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 16:56 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |

## Client Sample ID: LV-11-2.5

**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-3

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.81 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 06:42 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.10 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 20:34 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 19:47 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-11-2.5

**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-3

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:29 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-11-5

**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-4

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.327 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 13:34 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.33 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 17:19 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.29 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 07:04 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.19 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 20:53 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.09 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 19:49 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:31 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-11-7.5

**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-5

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.28 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 07:25 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.97 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 21:11 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.10 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 19:58 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:33 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-11-10

**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-6

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.716 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 13:59 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.529 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 17:43 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.70 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 07:48 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 21:29 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:00 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:34 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-1

**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 8.014 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 14:25 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.494 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 18:06 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.53 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 08:32 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.17 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 21:47 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:02 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:36 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-2.5

**Lab Sample ID: 570-62332-8**

**Date Collected: 06/21/21 08:24**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.61 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 08:54 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.08 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 22:06 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.96 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:04 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:38 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-5

**Lab Sample ID: 570-62332-9**

**Date Collected: 06/21/21 08:28**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.469 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 04:57 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.17 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 18:29 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.49 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 09:16 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 22:24 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.92 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:07 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:40 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-7.5

**Lab Sample ID: 570-62332-10**

**Date Collected: 06/21/21 08:34**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.02 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 09:38 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-12-7.5

**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-10

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.14 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 22:42 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:09 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:42 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-10

**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-11

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.415 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 05:25 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.516 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 18:53 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.00 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 10:00 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 23:01 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:11 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:44 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-1

**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-12

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.172 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 05:53 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.044 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 19:16 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-15-1

**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-12

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.48 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 10:22 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159618 | 06/24/21 23:19 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.93 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:13 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:49 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-2.5

**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-13

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.00 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 10:44 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 09:45 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.95 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:15 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:51 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-5

**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-14

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.552 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 06:20 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.635 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 19:40 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.27 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 11:06 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-15-5

**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-14

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.07 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 10:04 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:17 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:53 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-7.5

**Date Collected: 06/21/21 09:18**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-15

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.60 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 11:27 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.00 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 10:22 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:26 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:55 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-10

**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-16

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.553 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 06:48 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.207 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 20:03 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.20 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 11:50 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.10 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 10:40 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-15-10

**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-16

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3050B | | | 2.02 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:28 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:57 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-16-1

**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-17

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.56 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 07:15 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.094 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 18:07 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.46 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 12:12 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.10 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 10:59 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:30 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:59 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-16-2.5

**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-18

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.57 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160077 | 06/26/21 14:12 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 11:17 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:32 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-16-2.5

**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-18

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 18:01 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-16-5

**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-19

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 13.315 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 14:51 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.803 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 22:36 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.26 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160077 | 06/26/21 14:34 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.96 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 11:35 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:34 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 18:03 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-16-7.5

**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-20

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.55 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160077 | 06/26/21 14:55 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 11:54 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:36 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 18:05 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-16-10

**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-21

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.788 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 15:18 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.178 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 22:59 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.19 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160077 | 06/26/21 15:17 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.15 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 13:44 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:38 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 18:06 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-17-1

**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-22

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.784 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 15:44 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.697 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 23:23 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.98 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 04:09 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.93 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 21:05 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.96 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:56 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:07 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-17-2.5

**Date Collected: 06/21/21 10:34**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-23

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | DL | | 10.04 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | DL | 10 | | | 159991 | 06/27/21 02:50 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.94 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159041 | 06/23/21 21:23 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:03 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:16 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-17-5

**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-24

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.997 g | 5 mL | 159198 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 50 | 5 mL | 5 mL | 159461 | 06/24/21 20:05 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.997 g | 5 mL | 159198 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 100 | 5 mL | 5 mL | 159777 | 06/25/21 18:55 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | DL | | 9.97 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | DL | 10 | | | 159991 | 06/27/21 03:12 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.04 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 21:41 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:05 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:18 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-17-7.5

**Date Collected: 06/21/21 10:38**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-25

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.63 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 05:13 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |

## Client Sample ID: LV-17-7.5
**Lab Sample ID: 570-62332-25**
**Date Collected: 06/21/21 10:38**
**Matrix: Solid**
**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.03 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 21:59 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:07 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:20 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-17-10
**Lab Sample ID: 570-62332-26**
**Date Collected: 06/21/21 10:44**
**Matrix: Solid**
**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.61 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 16:11 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.029 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 18:31 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.67 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 05:35 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.07 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 22:17 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:09 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:22 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-1
**Lab Sample ID: 570-62332-27**
**Date Collected: 06/21/21 11:11**
**Matrix: Solid**
**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.942 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 16:37 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.875 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/25/21 00:33 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-19-1

**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-27

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.63 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/27/21 03:34 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.91 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 22:35 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:19 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:24 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-2.5

**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-28

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.10 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 06:21 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.01 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 22:53 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:21 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:26 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-5

**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-29

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.101 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 17:03 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.433 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/25/21 00:56 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.25 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 06:42 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |

## Client Sample ID: LV-19-5

**Lab Sample ID: 570-62332-29**

**Date Collected: 06/21/21 11:19**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.21 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 23:11 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:23 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:28 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-7.5

**Lab Sample ID: 570-62332-30**

**Date Collected: 06/21/21 11:25**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.96 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 07:03 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.14 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 23:29 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:25 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:30 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-10

**Lab Sample ID: 570-62332-31**

**Date Collected: 06/21/21 11:27**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.076 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 17:29 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.461 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/25/21 01:20 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.63 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 07:24 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.90 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 23:46 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |

## Client Sample ID: LV-19-10

**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3050B | | | 1.92 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:28 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:31 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-20-0.5

**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.05 g | 10 mL | 158883 | 06/22/21 10:00 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 00:22 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:30 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:33 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-1

**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.566 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 17:54 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.487 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 mL | 5 mL | 159497 | 06/25/21 01:43 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.84 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 08:08 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.89 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 00:40 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.93 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:32 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:39 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-2.5

**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-34

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.18 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 08:30 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 00:58 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:34 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:41 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-5

**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-35

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.353 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 18:21 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.646 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 14:34 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.02 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 08:51 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.89 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 01:16 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:36 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:43 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-7.5

**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-36

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.54 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 09:13 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |

## Client Sample ID: LV-18-7.5

**Lab Sample ID: 570-62332-36**

**Date Collected: 06/21/21 12:10**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.24 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 01:34 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:39 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:44 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-10

**Lab Sample ID: 570-62332-37**

**Date Collected: 06/21/21 12:12**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.484 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 18:47 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.807 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 14:58 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.59 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 09:34 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.91 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 01:52 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:48 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:46 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-10-DUP

**Lab Sample ID: 570-62332-38**

**Date Collected: 06/21/21 12:12**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 7.761 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 19:14 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.038 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 15:28 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

## Client Sample ID: LV-10-1

**Lab Sample ID: 570-62332-39**

**Date Collected: 06/21/21 13:36**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.964 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 19:40 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.21 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 16:48 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.41 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 2 | | | 159991 | 06/26/21 09:55 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.92 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 02:10 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3546 | DL | | 19.92 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | DL | 20 | | | 159506 | 06/25/21 06:04 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:50 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:48 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-10-5

**Lab Sample ID: 570-62332-40**

**Date Collected: 06/21/21 13:38**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.217 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159453 | 06/24/21 13:26 | U4JL | ECL 2 |
| | Instrument ID: GCMSGGG | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.736 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 17:19 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.74 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 10:17 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.99 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 02:28 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.95 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:52 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:50 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-10-10

**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-41

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.72 g | 5 g | 159199 | 06/23/21 11:22 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159453 | 06/24/21 13:51 | U4JL | ECL 2 |
| | Instrument ID: GCMSGGG | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.581 g | 5 g | 159199 | 06/23/21 11:22 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 mL | 5 mL | 159777 | 06/25/21 17:43 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.45 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 10:38 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.12 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 02:46 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:54 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:52 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | ECL 2 |
| 8015B | Gasoline Range Organics - (GC) | SW846 | ECL 2 |
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | ECL 1 |
| 8082 | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 7471A | Mercury (CVAA) | SW846 | ECL 1 |
| 3050B | Preparation, Metals | SW846 | ECL 1 |
| 3546 | Microwave Extraction | SW846 | ECL 1 |
| 3550C | Ultrasonic Extraction | SW846 | ECL 1 |
| 5035 | Closed System Purge and Trap | SW846 | ECL 2 |
| 7471A | Preparation, Mercury | SW846 | ECL 1 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Solid | 06/21/21 07:39 | 06/21/21 17:10 | |
| 570-62332-2 | LV-11-1-DUP | Solid | 06/21/21 07:39 | 06/21/21 17:10 | |
| 570-62332-3 | LV-11-2.5 | Solid | 06/21/21 07:49 | 06/21/21 17:10 | |
| 570-62332-4 | LV-11-5 | Solid | 06/21/21 07:51 | 06/21/21 17:10 | |
| 570-62332-5 | LV-11-7.5 | Solid | 06/21/21 07:55 | 06/21/21 17:10 | |
| 570-62332-6 | LV-11-10 | Solid | 06/21/21 07:56 | 06/21/21 17:10 | |
| 570-62332-7 | LV-12-1 | Solid | 06/21/21 08:20 | 06/21/21 17:10 | |
| 570-62332-8 | LV-12-2.5 | Solid | 06/21/21 08:24 | 06/21/21 17:10 | |
| 570-62332-9 | LV-12-5 | Solid | 06/21/21 08:28 | 06/21/21 17:10 | |
| 570-62332-10 | LV-12-7.5 | Solid | 06/21/21 08:34 | 06/21/21 17:10 | |
| 570-62332-11 | LV-12-10 | Solid | 06/21/21 08:36 | 06/21/21 17:10 | |
| 570-62332-12 | LV-15-1 | Solid | 06/21/21 09:04 | 06/21/21 17:10 | |
| 570-62332-13 | LV-15-2.5 | Solid | 06/21/21 09:11 | 06/21/21 17:10 | |
| 570-62332-14 | LV-15-5 | Solid | 06/21/21 09:13 | 06/21/21 17:10 | |
| 570-62332-15 | LV-15-7.5 | Solid | 06/21/21 09:18 | 06/21/21 17:10 | |
| 570-62332-16 | LV-15-10 | Solid | 06/21/21 09:20 | 06/21/21 17:10 | |
| 570-62332-17 | LV-16-1 | Solid | 06/21/21 09:41 | 06/21/21 17:10 | |
| 570-62332-18 | LV-16-2.5 | Solid | 06/21/21 09:48 | 06/21/21 17:10 | |
| 570-62332-19 | LV-16-5 | Solid | 06/21/21 09:51 | 06/21/21 17:10 | |
| 570-62332-20 | LV-16-7.5 | Solid | 06/21/21 09:57 | 06/21/21 17:10 | |
| 570-62332-21 | LV-16-10 | Solid | 06/21/21 10:00 | 06/21/21 17:10 | |
| 570-62332-22 | LV-17-1 | Solid | 06/21/21 10:27 | 06/21/21 17:10 | |
| 570-62332-23 | LV-17-2.5 | Solid | 06/21/21 10:34 | 06/21/21 17:10 | |
| 570-62332-24 | LV-17-5 | Solid | 06/21/21 10:36 | 06/21/21 17:10 | |
| 570-62332-25 | LV-17-7.5 | Solid | 06/21/21 10:38 | 06/21/21 17:10 | |
| 570-62332-26 | LV-17-10 | Solid | 06/21/21 10:44 | 06/21/21 17:10 | |
| 570-62332-27 | LV-19-1 | Solid | 06/21/21 11:11 | 06/21/21 17:10 | |
| 570-62332-28 | LV-19-2.5 | Solid | 06/21/21 11:17 | 06/21/21 17:10 | |
| 570-62332-29 | LV-19-5 | Solid | 06/21/21 11:19 | 06/21/21 17:10 | |
| 570-62332-30 | LV-19-7.5 | Solid | 06/21/21 11:25 | 06/21/21 17:10 | |
| 570-62332-31 | LV-19-10 | Solid | 06/21/21 11:27 | 06/21/21 17:10 | |
| 570-62332-32 | LV-20-0.5 | Solid | 06/21/21 11:46 | 06/21/21 17:10 | |
| 570-62332-33 | LV-18-1 | Solid | 06/21/21 11:53 | 06/21/21 17:10 | |
| 570-62332-34 | LV-18-2.5 | Solid | 06/21/21 12:00 | 06/21/21 17:10 | |
| 570-62332-35 | LV-18-5 | Solid | 06/21/21 12:02 | 06/21/21 17:10 | |
| 570-62332-36 | LV-18-7.5 | Solid | 06/21/21 12:10 | 06/21/21 17:10 | |
| 570-62332-37 | LV-18-10 | Solid | 06/21/21 12:12 | 06/21/21 17:10 | |
| 570-62332-38 | LV-18-10-DUP | Solid | 06/21/21 12:12 | 06/21/21 17:10 | |
| 570-62332-39 | LV-10-1 | Solid | 06/21/21 13:36 | 06/21/21 17:10 | |
| 570-62332-40 | LV-10-5 | Solid | 06/21/21 13:38 | 06/21/21 17:10 | |
| 570-62332-41 | LV-10-10 | Solid | 06/21/21 13:46 | 06/21/21 17:10 | |

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

Preservation Codes:
A - HCl M - Hexane
N - EDTA W - pH 4-5
L - EDA Z other (specify)
Other:

570-62332 Chain of Custody

ahydrate

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 1 | LV-11-1 | 6-21-21 | 0739 | G | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1tube |
| 2 | LV-11-1-DUP | | 0739 | | Solid | | | X | | X | | | | 5 | 5VOAs |
| 3 | LV-11-2.5 | | 0749 | | Solid | | | | X | | X | X | X | 1 | 1tube |
| 4 | LV-11-5 | | 0751 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1tube |
| 5 | LV-11-7.5 | | 0755 | | Solid | | | | X | | X | X | X | 1 | 1tube |
| 6 | LV-11-10 | | 0756 | | Solid | | | X | X | X | X | X | X | 6 | 1tube, 5VOAs HOLD VOCs, TPH |
| 7 | LV-12-1 | | 0820 | | Solid | | | X | X | X | X | X | X | 6 | 1tube, 5VOAs |
| 8 | LV-12-2.5 | | 0824 | | Solid | | | | X | | X | X | X | 1 | 1tube |
| 9 | LV-12-5 | | 0828 | | Solid | | | X | X | X | X | X | X | 6 | 1tube, 5VOAs |
| 10 | LV-12-7.5 | | 0834 | | Solid | | | | X | | X | X | X | 1 | 1tube |
| 11 | LV-12-10 | ↓ | 0836 | ↓ | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1tube HOLD VOCs, TPH-g |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 2.4/2.8 2.2/2.6 SCS

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes**

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Preservation Code: | | | | | | | N | N | N | N | N | N | | |
| 12 | LV-15-1 | 6-21-21 | 0904 | G | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |
| 13 | LV-15-2.5 | | 0911 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 14 | LV-15-5 | | 0913 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |
| 15 | LV-15-7.5 | | 0918 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 16 | LV-15-10 | | 0920 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube HOLD VOCs, TPH-g |
| 17 | LV-16-1 | | 0941 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |
| 18 | LV-16-2.5 | | 0948 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 19 | LV-16-5 | | 0951 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |
| 20 | LV-16-7.5 | | 0957 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 21 | LV-16-10 | | 1000 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube HOLD VOCs, TPH-g |
| 22 | LV-17-1 | | 1027 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks.

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 3 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes**

| | |
|---|---|
| A - HCL | M - Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q Na2SO3 |
| F - MeOH | R - Na2S2O3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V - MCAA |
| K - EDTA | W - pH 4-5 |
| L - EDA | Z other (specify) |

Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 23 | LV-17-2.5 | 6-21-21 | 1034 | G | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 24 | LV-17-5 | | 1036 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 25 | LV-17-7.5 | | 1038 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 26 | LV-17-10 | | 1044 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube HOLD VOCs, TPH-D |
| 27 | LV-19-1 | | 1111 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 28 | LV-19-2.5 | | 1117 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 29 | LV-19-5 | | 1119 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 30 | LV-19-7.5 | | 1125 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 31 | LV-19-10 | | 1127 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube HOLD VOCs, TPH-D |
| 32 | LV-20-0.5 | | 1146 | | Solid | | | | | | X | X | X | 1 | 1 Jar |
| 33 | LV-18-1 | | 1153 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 Jar |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date | Time | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s). | COC No. 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 4 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup.com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 34 | LV-18-2.5 | 6-21-21 | 1200 | G | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 35 | LV-18-5 | | 1202 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 36 | LV-18-7.5 | | 1210 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 37 | LV-18-10 | | 1212 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 38 | LV-18-10-DUP | | 1212 | | Solid | | | X | | X | | | | 5 | 5 VOAs |
| 39 | LV-10-1 | | 1336 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 40 | LV-10-5 | | 1338 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 41 | LV-10-10 | | 1346 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan.Dang@eurofinset.com | State of Origin: | Page: Page 5 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes**

| | |
|---|---|
| A - HCL | M - Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q - Na2SO3 |
| F - MeOH | R - Na2S2O3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V MCAA |
| K - EDTA | W - pH 4-5 |
| L - EDA | Z - other (specify) |

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| LV-10-32 | 6-21-21 | 1432 | G | Solid | | | | X | | X | X | X | 1 | 1 Jar HOLD all |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|
| | | | |

| | Date/Time: | Company | | Date/Time: | Company |
|---|---|---|---|---|---|
| Relinquished by: Marius Vilkas | 6-21-21 1600 | Leighton | Received by: | 6-21-2021 16:00 | ECI |
| Relinquished by: | 6-21-2021 17:10 | ECI | Received by: | 6/21/21 1710 | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62332-1

**Login Number: 62332**
**List Number: 1**
**Creator: Patel, Jayesh**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62332-2
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*7/9/2021 5:08:28 PM*
Sheila Luu, Project Mgmt. Assistant
Sheila.Luu@eurofinset.com

Designee for

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 5
Client Sample Results . . . . . 6
QC Sample Results . . . . . 10
QC Association Summary . . . . . 12
Lab Chronicle . . . . . 14
Certification Summary . . . . . 17
Method Summary . . . . . 18
Sample Summary . . . . . 19
Chain of Custody . . . . . 20
Receipt Checklists . . . . . 24

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-62332-2

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
**570-62332-2**

**Comments**
No additional comments.

**Receipt**
The samples were received on 6/21/2021 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.6º C and 2.8º C.

**HPLC/IC**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Client Sample ID: LV-12-1 — Lab Sample ID: 570-62332-7

No Detections.

## Client Sample ID: LV-15-1 — Lab Sample ID: 570-62332-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 22000 | | 390 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-19-1 — Lab Sample ID: 570-62332-27

No Detections.

## Client Sample ID: LV-19-10 — Lab Sample ID: 570-62332-31

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 2200 | | 390 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-20-0.5 — Lab Sample ID: 570-62332-32

No Detections.

## Client Sample ID: LV-18-1 — Lab Sample ID: 570-62332-33

No Detections.

## Client Sample ID: LV-10-1 — Lab Sample ID: 570-62332-39

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent - DL | 73000 | | 2000 | | ug/Kg | 50 | | 7199 | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: Leighton and Associates Inc
Job ID: 570-62332-2
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7199 - Chromium, Hexavalent (IC)

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 22000 | | 390 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 11:52 | 10 |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 2200 | | 390 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:03 | 10 |

Client: Leighton and Associates Inc
Job ID: 570-62332-2
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7199 - Chromium, Hexavalent (IC) - DL

**Client Sample ID: LV-10-1**
**Lab Sample ID: 570-62332-39**
**Date Collected: 06/21/21 13:36**
**Matrix: Solid**
**Date Received: 06/21/21 17:10**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 73000 | | 2000 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 15:19 | 50 |

## Method: 6010B - Metals (ICP) - TCLP

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:20 | 1 |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:27 | 1 |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:29 | 1 |

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:32 | 1 |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:34 | 1 |

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:36 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:36 | 1 |

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Method: 6010B - Metals (ICP) - STLC Citrate

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 11:49 | 1 |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 11:52 | 1 |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 11:54 | 1 |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 11:57 | 1 |

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 12:06 | 1 |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 12:09 | 1 |

## Method: 7199 - Chromium, Hexavalent (IC)

**Lab Sample ID: MB 570-162493/1-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 390 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 10:36 | 10 |

**Lab Sample ID: LCS 570-162493/2-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 19900 | 18750 | | ug/Kg | | 94 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162493/3-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 19800 | 18570 | | ug/Kg | | 94 | 80 - 120 | 1 | 20 |

**Lab Sample ID: 570-62332-31 MS**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: LV-19-10**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 2200 | | 19900 | 20970 | | ug/Kg | | 95 | 75 - 125 | | |

**Lab Sample ID: 570-62332-31 MSD**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: LV-19-10**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 2200 | | 19900 | 21550 | | ug/Kg | | 97 | 75 - 125 | 3 | 25 |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: LB 570-162278/1-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Method Blank**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | LB Result | LB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:09 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:09 | 1 |

**Lab Sample ID: LCS 570-162278/2-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 5.614 | | mg/L | | 112 | 80 - 120 | | |
| Chromium | | | 5.00 | 5.479 | | mg/L | | 110 | 80 - 120 | | |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCSD 570-162278/3-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 5.614 | | mg/L | | 112 | 80 - 120 | 0 | 20 |
| Chromium | | | 5.00 | 5.471 | | mg/L | | 109 | 80 - 120 | 0 | 20 |

**Lab Sample ID: 570-62332-7 MS**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: LV-12-1**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | 5.283 | | mg/L | | 105 | 84 - 120 | | |
| Chromium | ND | | 5.00 | 5.307 | | mg/L | | 106 | 86 - 122 | | |

**Lab Sample ID: 570-62332-7 MSD**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: LV-12-1**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | 5.356 | | mg/L | | 106 | 84 - 120 | 1 | 7 |
| Chromium | ND | | 5.00 | 5.383 | | mg/L | | 108 | 86 - 122 | 1 | 8 |

**Lab Sample ID: LB4 570-162303/1-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Method Blank**
**Prep Type: STLC Citrate**
**Prep Batch: 162656**

| Analyte | LB4 Result | LB4 Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:15 | 07/09/21 10:58 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:15 | 07/09/21 10:58 | 1 |

**Lab Sample ID: LCS 570-162303/2-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample**
**Prep Type: STLC Citrate**
**Prep Batch: 162656**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 4.842 | | mg/L | | 97 | 80 - 120 | | |
| Chromium | | | 5.00 | 4.796 | | mg/L | | 96 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162303/3-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: STLC Citrate**
**Prep Batch: 162656**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 4.944 | | mg/L | | 99 | 80 - 120 | 2 | 20 |
| Chromium | | | 5.00 | 4.866 | | mg/L | | 97 | 80 - 120 | 1 | 20 |

# QC Association Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## HPLC/IC

### Prep Batch: 162493

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 3060A | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 3060A | |
| 570-62332-39 - DL | LV-10-1 | Total/NA | Solid | 3060A | |
| MB 570-162493/1-A | Method Blank | Total/NA | Solid | 3060A | |
| LCS 570-162493/2-A | Lab Control Sample | Total/NA | Solid | 3060A | |
| LCSD 570-162493/3-A | Lab Control Sample Dup | Total/NA | Solid | 3060A | |
| 570-62332-31 MS | LV-19-10 | Total/NA | Solid | 3060A | |
| 570-62332-31 MSD | LV-19-10 | Total/NA | Solid | 3060A | |

### Analysis Batch: 162597

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 7199 | 162493 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 7199 | 162493 |
| 570-62332-39 - DL | LV-10-1 | Total/NA | Solid | 7199 | 162493 |
| MB 570-162493/1-A | Method Blank | Total/NA | Solid | 7199 | 162493 |
| LCS 570-162493/2-A | Lab Control Sample | Total/NA | Solid | 7199 | 162493 |
| LCSD 570-162493/3-A | Lab Control Sample Dup | Total/NA | Solid | 7199 | 162493 |
| 570-62332-31 MS | LV-19-10 | Total/NA | Solid | 7199 | 162493 |
| 570-62332-31 MSD | LV-19-10 | Total/NA | Solid | 7199 | 162493 |

## Metals

### Leach Batch: 162278

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | TCLP | Solid | 1311 | |
| 570-62332-12 | LV-15-1 | TCLP | Solid | 1311 | |
| 570-62332-27 | LV-19-1 | TCLP | Solid | 1311 | |
| 570-62332-32 | LV-20-0.5 | TCLP | Solid | 1311 | |
| 570-62332-33 | LV-18-1 | TCLP | Solid | 1311 | |
| 570-62332-39 | LV-10-1 | TCLP | Solid | 1311 | |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 1311 | |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 1311 | |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 1311 | |
| 570-62332-7 MS | LV-12-1 | TCLP | Solid | 1311 | |
| 570-62332-7 MSD | LV-12-1 | TCLP | Solid | 1311 | |

### Leach Batch: 162303

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-12 | LV-15-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-27 | LV-19-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-31 | LV-19-10 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-32 | LV-20-0.5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-33 | LV-18-1 | STLC Citrate | Solid | CA WET Citrate | |
| LB4 570-162303/1-B | Method Blank | STLC Citrate | Solid | CA WET Citrate | |
| LCS 570-162303/2-B | Lab Control Sample | STLC Citrate | Solid | CA WET Citrate | |
| LCSD 570-162303/3-B | Lab Control Sample Dup | STLC Citrate | Solid | CA WET Citrate | |

### Prep Batch: 162656

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | STLC Citrate | Solid | Dilution | 162303 |

## Metals (Continued)

### Prep Batch: 162656 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-12 | LV-15-1 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62332-27 | LV-19-1 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62332-31 | LV-19-10 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62332-32 | LV-20-0.5 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62332-33 | LV-18-1 | STLC Citrate | Solid | Dilution | 162303 |
| LB4 570-162303/1-B | Method Blank | STLC Citrate | Solid | Dilution | 162303 |
| LCS 570-162303/2-B | Lab Control Sample | STLC Citrate | Solid | Dilution | 162303 |
| LCSD 570-162303/3-B | Lab Control Sample Dup | STLC Citrate | Solid | Dilution | 162303 |

### Prep Batch: 162748

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-12 | LV-15-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-27 | LV-19-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-32 | LV-20-0.5 | TCLP | Solid | 3010A | 162278 |
| 570-62332-33 | LV-18-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-39 | LV-10-1 | TCLP | Solid | 3010A | 162278 |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 3010A | 162278 |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 3010A | 162278 |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 3010A | 162278 |
| 570-62332-7 MS | LV-12-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-7 MSD | LV-12-1 | TCLP | Solid | 3010A | 162278 |

### Analysis Batch: 163051

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-7 | LV-12-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-12 | LV-15-1 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-12 | LV-15-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-27 | LV-19-1 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-27 | LV-19-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-31 | LV-19-10 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-32 | LV-20-0.5 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-32 | LV-20-0.5 | TCLP | Solid | 6010B | 162748 |
| 570-62332-33 | LV-18-1 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-33 | LV-18-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-39 | LV-10-1 | TCLP | Solid | 6010B | 162748 |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 6010B | 162748 |
| LB4 570-162303/1-B | Method Blank | STLC Citrate | Solid | 6010B | 162656 |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 6010B | 162748 |
| LCS 570-162303/2-B | Lab Control Sample | STLC Citrate | Solid | 6010B | 162656 |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 6010B | 162748 |
| LCSD 570-162303/3-B | Lab Control Sample Dup | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-7 MS | LV-12-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-7 MSD | LV-12-1 | TCLP | Solid | 6010B | 162748 |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Client Sample ID: LV-12-1

**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 50.03 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 11:49 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |
| TCLP | Leach | 1311 | | | 99.98 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:20 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

## Client Sample ID: LV-15-1

**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-12

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.54 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 11:52 | URMH | ECL 1 |
| | Instrument ID: | IC17 | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 50.00 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 11:52 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |
| TCLP | Leach | 1311 | | | 100.01 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:27 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

## Client Sample ID: LV-19-1

**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-27

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 49.99 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 11:54 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |
| TCLP | Leach | 1311 | | | 100.03 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:29 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Client Sample ID: LV-19-10

**Lab Sample ID: 570-62332-31**

**Date Collected: 06/21/21 11:27**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.55 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:03 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 49.97 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 11:57 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |

## Client Sample ID: LV-20-0.5

**Lab Sample ID: 570-62332-32**

**Date Collected: 06/21/21 11:46**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 49.95 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 12:06 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |
| TCLP | Leach | 1311 | | | 100.02 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:32 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |

## Client Sample ID: LV-18-1

**Lab Sample ID: 570-62332-33**

**Date Collected: 06/21/21 11:53**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 49.99 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 12:09 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |
| TCLP | Leach | 1311 | | | 99.97 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:34 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |

## Client Sample ID: LV-10-1

**Lab Sample ID: 570-62332-39**

**Date Collected: 06/21/21 13:36**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | DL | | 2.50 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | DL | 50 | | | 162597 | 07/08/21 15:19 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Client Sample ID: LV-10-1

**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-39

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| TCLP | Leach | 1311 | | | 99.95 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:36 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-2
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 7199 | Chromium, Hexavalent (IC) | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 1311 | TCLP Extraction | SW846 | ECL 3 |
| 3010A | Preparation, Total Metals | SW846 | ECL 1 |
| 3060A | Alkaline Digestion (Chromium, Hexavalent) | SW846 | ECL 1 |
| CA WET Citrate | California - Waste Extraction Test with Citrate Leach | CA-WET | ECL 3 |
| Dilution | Preparation / Dilution Process | None | ECL 1 |

**Protocol References:**

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | Solid | 06/21/21 08:20 | 06/21/21 17:10 | |
| 570-62332-12 | LV-15-1 | Solid | 06/21/21 09:04 | 06/21/21 17:10 | |
| 570-62332-27 | LV-19-1 | Solid | 06/21/21 11:11 | 06/21/21 17:10 | |
| 570-62332-31 | LV-19-10 | Solid | 06/21/21 11:27 | 06/21/21 17:10 | |
| 570-62332-32 | LV-20-0.5 | Solid | 06/21/21 11:46 | 06/21/21 17:10 | |
| 570-62332-33 | LV-18-1 | Solid | 06/21/21 11:53 | 06/21/21 17:10 | |
| 570-62332-39 | LV-10-1 | Solid | 06/21/21 13:36 | 06/21/21 17:10 | |

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s) | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | Analysis Requested | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | Preservation Codes: |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

570-62332 Chain of Custody

Other: Please Perform: 7/1/21 - Added Analyses Standard TAT Vilkas

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for CA WET & TCLP for Pb | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | N | N | N | N | N | N | | | |
| 1 | LV-11-1 | 6-21-21 | 0739 | G | Solid | | X | X | X | X | X | X | | 6 | 5VOAs, 1tube |
| 2 | LV-11-1-DUP | | 0739 | | Solid | | X | | X | | | | | 5 | 5VOAs |
| 3 | LV-11-2.5 | | 0749 | | Solid | | | X | | X | X | X | | 1 | 1 tube |
| 4 | LV-11-5 | | 0751 | | Solid | | X | X | X | X | X | X | | 6 | 5VOAs, 1tube |
| 5 | LV-11-7.5 | | 0755 | | Solid | | | X | | X | X | X | | 1 | 1 tube |
| 6 | LV-11-10 | | 0756 | | Solid | | X | X | X | X | X | X | | 6 | 1tube, 5VOAs HOLD VOCs, TPHs |
| 7 | LV-12-1 | | 0820 | | Solid | | X | X | X | X | X | X | ⊗ | 6 | 1tube, 5VOAs |
| 8 | LV-12-2.5 | | 0824 | | Solid | | | X | | X | X | X | | 1 | 1 tube |
| 9 | LV-12-5 | | 0828 | | Solid | | X | X | X | X | X | X | | 6 | 1tube, 5VOAs |
| 10 | LV-12-7.5 | | 0834 | | Solid | | | X | | X | X | X | | 1 | 1tube |
| 11 | LV-12-10 | | 0836 | | Solid | | X | X | X | X | X | X | | 6 | 5VOAs, 1tube HOLD VOCs, TPHs |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal** ( A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 2.4/2.8 2.2/2.6 SCS

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| | | | | |
|---|---|---|---|---|
| **Client Information** | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)

Other: Please Perform 7-1-21: Added Analyses

Special Instructions/Note: Standard TAT — VILKAS

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 8010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for CAM17 for CC | Analyze for TCLP for Pb | Analyze for Cr +6 | | | Total Number of containers | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | | | | | | |
| 12 | LV-15-1 | 6-21-21 | 0904 | G | Solid | | | X | X | X | X | X | X | ⊗ | ⊗ | ⊗ | | | 6 | 5VOAs, 1tube |
| 13 | LV-15-2.5 | | 0911 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1tube |
| 14 | LV-15-5 | | 0913 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube |
| 15 | LV-15-7.5 | | 0918 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 16 | LV-15-10 | | 0920 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube HOLD VOCs, TPH-g |
| 17 | LV-16-1 | | 0941 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube |
| 18 | LV-16-2.5 | | 0948 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 19 | LV-16-5 | | 0951 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube |
| 20 | LV-16-7.5 | | 0957 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 21 | LV-16-10 | | 1000 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube HOLD VOCs, TPHg |
| 22 | LV-17-1 | | 1027 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube |

*Possible Hazard Identification*: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

*Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| | | | | | |
|---|---|---|---|---|---|
| Empty Kit Relinquished by: | Date | Time: | Method of Shipment: | | |
| Relinquished by: Marius Vilkas | Date/Time: 6-21-21 1600 | Company: Leighton | Received by: | Date/Time: 6-21-2021 16:00 | Company: E CI |
| Relinquished by: | Date/Time: 6-21-2021 17:10 | Company: E CI | Received by: | Date/Time: 6/21/21 1710 | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| Custody Seals Intact: Δ Yes Δ No | Custody Seal No. | | Cooler Temperature(s) °C and Other Remarks | | |

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 3 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z other (specify)

Other: Please Perform: 7-1-21: Added Analyses Standard TAT Marius Vilkas

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8016B GRO (C4-C12) / 8015 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for CA WET TCLP for Pb | Analyze for CA WET for Cr | Analyze for Cr+6 | | | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Preservation Code: | | | | | | | N | N | N | N | N | N | | | | | | | |
| 23 | LV-17-2.5 | 6-21-21 | 1034 | G | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 24 | LV-17-5 | | 1036 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5 VOAs, 1 tube |
| 25 | LV-17-7.5 | | 1038 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 26 | LV-17-10 | | 1044 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5 VOAs, 1 tube HOLD VOCs, TPH |
| 27 | LV-19-1 | | 1111 | | Solid | | | X | X | X | X | X | X | X | | | | | 6 | 5 VOAs, 1 tube |
| 28 | LV-19-2.5 | | 1117 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 29 | LV-19-5 | | 1119 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5 VOAs, 1 tube |
| 30 | LV-19-7.5 | | 1125 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 31 | LV-19-10 | | 1127 | | Solid | | | X | X | X | X | X | X | | X | X | | | 6 | 5 VOAs, 1 tube HOLD VOCs, TPH |
| 32 | LV-20-0.5 | | 1146 | | Solid | | | | | | X | X | X | X | | | | | 1 | 1 Jar |
| 33 | LV-18-1 | | 1153 | | Solid | | | X | X | X | X | X | X | X | | | | | 6 | 5 VOAs, 1 Jar |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date | Time | Method of Shipment: |
|---|---|---|---|
| | | | |

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | Date/Time: | Company | Received by | Date/Time | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup.com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)

Other: Please Perform

7-1-21: Added Analyses Standard TAT V. Vilkas

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=wastefoil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for TCLP for Cr | Analyze for Cr+6 | Analyze for TCLP for Pb | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | N | N | N | N | N | N | | | | | |
| 34 | LV-18-2.5 | 6-21-21 | 1200 | G | Solid | | | X | | X | X | X | | | | 1 | 1 tube |
| 35 | LV-18-5 | | 1202 | | Solid | | X | X | X | X | X | X | | | | 6 | 5 VOAs, 1 tube |
| 36 | LV-18-7.5 | | 1210 | | Solid | | | X | | X | X | X | | | | 1 | 1 tube |
| 37 | LV-18-10 | | 1212 | | Solid | | X | X | X | X | X | X | | | | 6 | 5 VOAs, 1 tube |
| 38 | LV-18-10-DUP | | 1212 | | Solid | | X | | X | | | | | | | 5 | 5 VOAs |
| 39 | LV-10-1 | | 1336 | | Solid | | X | X | X | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 40 | LV-10-5 | | 1338 | | Solid | | X | X | X | X | X | X | | | | 6 | 5 VOAs, 1 tube |
| 41 | LV-10-10 | | 1346 | | Solid | | X | X | X | X | X | X | | | | 6 | 5 VOAs, 1 tube |
| | | | | | Solid | | | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | | | |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62332-2

**Login Number: 62332**
**List Number: 1**
**Creator: Patel, Jayesh**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62513-1
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*6/29/2021 5:54:28 PM*

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Detection Summary . . . . . 4
Client Sample Results . . . . . 10
Surrogate Summary . . . . . 74
QC Sample Results . . . . . 77
QC Association Summary . . . . . 94
Lab Chronicle . . . . . 101
Certification Summary . . . . . 112
Method Summary . . . . . 113
Sample Summary . . . . . 114
Chain of Custody . . . . . 115
Receipt Checklists . . . . . 118

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| S1- | Surrogate recovery exceeds control limits, low biased. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| L | A negative instrument reading had an absolute value greater than the reporting limit |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-9-1 — Lab Sample ID: 570-62513-1

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 29 | | 14 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 3.2 | | 0.70 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.9 | | 0.70 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.9 | | 0.70 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 - RA | 51 | | 25 | | mg/Kg | 5 | | 8015B | Total/NA |
| C23-C40 - RA | 880 | | 25 | | mg/Kg | 5 | | 8015B | Total/NA |
| Aroclor-1248 | 250 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1254 | 720 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 144 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.537 | | 0.244 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.40 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 27.6 | F1 | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 14.2 | F1 | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 49.5 | F1 | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 23.1 | F1 | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 47.2 | F1 | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 8.62 | F1 | 4.88 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-9-5 — Lab Sample ID: 570-62513-2

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 35 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 4.5 | | 0.88 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 4.6 | | 0.88 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 5.7 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 30.0 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 121 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.348 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.58 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.9 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.9 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 986 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 9.86 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 24.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 1210 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 93.1 | | 5.00 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-9-10 — Lab Sample ID: 570-62513-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 3.4 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 6.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 87.2 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.445 | | 0.263 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 14.6 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 66.4 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 27.4 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 67.3 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 35.6 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 32.8 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-9-10-DUP
## Lab Sample ID: 570-62513-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 17 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.2 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 3.4 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: LV-7-1
## Lab Sample ID: 570-62513-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 3.5 | | 1.6 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 56 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.8 | | 0.82 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.6 | | 0.82 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 6.9 | | 1.7 | | mg/Kg | 20 | | 8015B | Total/NA |
| C13-C22 | 3900 | | 250 | | mg/Kg | 50 | | 8015B | Total/NA |
| C23-C40 | 13000 | | 250 | | mg/Kg | 50 | | 8015B | Total/NA |
| Aroclor-1260 | 73 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 56.5 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.343 | | 0.258 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.3 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 51.3 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 21.9 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 48.2 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 31.0 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 19.6 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-7-5
## Lab Sample ID: 570-62513-6

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 19 | | 17 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 4.1 | | 0.86 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 3.1 | | 0.86 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 8.5 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 40.2 | | 2.55 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 157 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.430 | | 0.255 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.97 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 16.5 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.5 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 1250 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 12.5 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 30.8 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 1770 | | 10.2 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 109 | | 5.10 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-7-10
## Lab Sample ID: 570-62513-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 8.9 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 102 | | 0.505 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.717 | | 0.253 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 21.9 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 109 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 34.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-7-10 (Continued) — Lab Sample ID: 570-62513-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Nickel | 97.8 | | 0.505 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 68.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 38.2 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-3-1 — Lab Sample ID: 570-62513-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 0.90 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 37 | | 13 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.4 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| cis-1,2-Dichloroethene | 2.5 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 5.4 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.2 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 15 | | 1.3 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 360 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| Barium | 110 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.560 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 22.0 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 89.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 33.9 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 106 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 41.8 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 43.9 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.431 | | 0.0806 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-3-5 — Lab Sample ID: 570-62513-9

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 1.0 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 21 | | 17 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 3.5 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.8 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.8 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 3.7 | | 1.7 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 7.2 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 88.4 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.493 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 14.8 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 67.5 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 22.9 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 69.0 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 43.0 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 30.7 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-3-10 — Lab Sample ID: 570-62513-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 57 | | 19 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 5.6 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 71.1 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.479 | | 0.256 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 17.8 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-3-10 (Continued)
## Lab Sample ID: 570-62513-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | 80.7 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 28.3 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 82.0 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 44.2 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 32.4 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-3-10-DUP
## Lab Sample ID: 570-62513-11

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 39 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 2.0 | | 1.8 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 4.4 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |
| Xylenes, Total | 2.0 | | 1.8 | | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: LV-2-1
## Lab Sample ID: 570-62513-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 22 | | 17 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.7 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.5 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 9.4 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 33 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 51.7 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.345 | | 0.240 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.73 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 8.22 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.92 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.40 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 17.6 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 22.4 | | 9.62 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-2-5
## Lab Sample ID: 570-62513-13

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 37 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.9 | | 0.91 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.4 | | 0.91 | | ug/Kg | 1 | | 8260B | Total/NA |
| Arsenic | 4.84 | | 2.63 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 25.4 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.66 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.58 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 2.47 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.88 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.13 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 12.0 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-2-10
## Lab Sample ID: 570-62513-14

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 8.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 52.1 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.254 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.55 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-2-10 (Continued)

## Lab Sample ID: 570-62513-14

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | 7.09 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 5.45 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.15 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 13.3 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 18.9 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-2-15

## Lab Sample ID: 570-62513-15

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 8.1 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 36.9 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.38 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.41 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 5.13 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 4.61 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 10.8 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 14.6 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-2-20

## Lab Sample ID: 570-62513-16

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 5.6 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 7.9 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 85.1 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.82 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.32 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 2.18 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 1.57 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 12.4 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 14.4 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-6-1

## Lab Sample ID: 570-62513-17

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 34 | | 21 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 9.3 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 57 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 2.40 | | 2.40 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 15.2 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 0.991 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.47 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 1.13 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 1.54 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 3.35 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.116 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-6-5

## Lab Sample ID: 570-62513-18

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.2 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 7.7 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.0 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-6-5 (Continued) — Lab Sample ID: 570-62513-18

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 7.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 13.7 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 1.95 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 1.05 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 2.42 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-6-10 — Lab Sample ID: 570-62513-19

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 1.8 | | 0.80 | | ug/Kg | 1 | | 8260B | Total/NA |
| Arsenic | 3.60 | | 2.49 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 11.7 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 1.17 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 3.04 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 1.22 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 1.97 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 4.08 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.165 | | 0.0806 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-6-15 — Lab Sample ID: 570-62513-20

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 12 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 14 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 86.8 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.451 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 6.37 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.3 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.25 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.4 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 22.5 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 31.4 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-6-15-DUP — Lab Sample ID: 570-62513-21

No Detections.

## Client Sample ID: LV-6-20 — Lab Sample ID: 570-62513-22

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 61.1 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.318 | | 0.258 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.08 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.3 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.26 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.26 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 18.5 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 23.9 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.123 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

This Detection Summary does not include radiochemical test results.

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1-Dichloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1-Dichloroethene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1-Dichloropropene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dibromoethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dichloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dichloropropane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,3-Dichloropropane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 2,2-Dichloropropane | ND | | 3.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 2-Butanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 2-Chlorotoluene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 2-Hexanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 4-Chlorotoluene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 4-Methyl-2-pentanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| **Acetone** | **29** | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| **Benzene** | **3.2** | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromochloromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromodichloromethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromoform | ND | | 3.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromomethane | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Carbon disulfide | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Carbon tetrachloride | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Chlorobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Chloroethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Chloroform | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Chloromethane | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Dibromochloromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Dibromomethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Dichlorodifluoromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Ethanol | ND | | 170 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Ethylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| m,p-Xylene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Methylene Chloride | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Naphthalene | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| n-Butylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| N-Propylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| o-Xylene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| p-Isopropyltoluene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| sec-Butylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Styrene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| tert-Butylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| **Tetrachloroethene** | **1.9** | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| **Toluene** | **2.9** | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Trichloroethene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Trichlorofluoromethane | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Vinyl acetate | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Vinyl chloride | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Xylenes, Total | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 16:19* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 16:19* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 16:19* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 16:19* | *1* |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1-Dichloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2-Dibromoethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2-Dichloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,3-Dichloropropane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 2,2-Dichloropropane | ND | | 4.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 2-Chlorotoluene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 4-Chlorotoluene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| **Acetone** | **35** | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| **Benzene** | **4.5** | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromodichloromethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromoform | ND | | 4.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Carbon disulfide | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Carbon tetrachloride | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Chlorobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Chloroform | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Dibromomethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Ethylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Isopropylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Methylene Chloride | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Naphthalene | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| n-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| o-Xylene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| p-Isopropyltoluene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| sec-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Styrene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| tert-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Tetrachloroethene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| **Toluene** | **4.6** | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Trichlorofluoromethane | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Vinyl acetate | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Vinyl chloride | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 16:47* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 16:47* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 16:47* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 16:47* | *1* |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dibromoethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,3-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 2-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 4-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Benzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Bromobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Bromodichloromethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Carbon disulfide | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Carbon tetrachloride | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Chlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Chloroform | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Dibromomethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Ethylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Isopropylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Methylene Chloride | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Naphthalene | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| n-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| o-Xylene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| p-Isopropyltoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| sec-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Styrene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| tert-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| **Tetrachloroethene** | **3.4** | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Toluene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Trichlorofluoromethane | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Vinyl acetate | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Vinyl chloride | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 17:16* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 17:16* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 17:16* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 17:16* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-9-10-DUP**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dibromoethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,3-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 2,2-Dichloropropane | ND | | 3.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 2-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 4-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| **Acetone** | **17** | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| **Benzene** | **2.2** | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromodichloromethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromoform | ND | | 3.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Carbon disulfide | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Carbon tetrachloride | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Chlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Chloroform | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Dibromomethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Ethanol | ND | | 180 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Ethylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-10-DUP**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Methylene Chloride | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Naphthalene | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| n-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| o-Xylene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| p-Isopropyltoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| sec-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Styrene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| tert-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| **Tetrachloroethene** | **3.4** | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Toluene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Trichlorofluoromethane | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Vinyl acetate | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Vinyl chloride | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 17:43* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 17:43* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 17:43* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 17:43* | *1* |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1-Dichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| **1,2,4-Trimethylbenzene** | **3.5** | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2-Dibromoethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2-Dichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,3-Dichloropropane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 2-Chlorotoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 4-Chlorotoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| **Acetone** | **56** | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| **Benzene** | **1.8** | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromodichloromethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Carbon disulfide | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Carbon tetrachloride | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Chlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Chloroform | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Dibromomethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Ethylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Isopropylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Methylene Chloride | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Naphthalene | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| n-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| o-Xylene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| p-Isopropyltoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| sec-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Styrene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| tert-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Tetrachloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| **Toluene** | **1.6** | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Trichlorofluoromethane | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Vinyl acetate | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Vinyl chloride | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:12* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:12* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:12* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:12* | *1* |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1-Dichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dibromoethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dichloropropane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,3-Dichloropropane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 2,2-Dichloropropane | ND | | 4.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 2-Chlorotoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 4-Chlorotoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| **Acetone** | **19** | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| **Benzene** | **4.1** | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Bromobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Bromodichloromethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Carbon disulfide | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Carbon tetrachloride | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Chlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Chloroform | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Dibromomethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Ethylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Isopropylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Methylene Chloride | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Naphthalene | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| n-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| o-Xylene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| p-Isopropyltoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| sec-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Styrene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| tert-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Tetrachloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| **Toluene** | **3.1** | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Trichlorofluoromethane | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Vinyl acetate | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Vinyl chloride | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:40* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:40* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:40* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:40* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1-Dichloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1-Dichloroethene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1-Dichloropropene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dibromoethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dichloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dichloropropane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,3-Dichloropropane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 2,2-Dichloropropane | ND | | 3.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 2-Butanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 2-Chlorotoluene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 2-Hexanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 4-Chlorotoluene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 4-Methyl-2-pentanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Acetone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Benzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromochloromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromodichloromethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromoform | ND | | 3.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromomethane | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Carbon disulfide | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Carbon tetrachloride | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Chlorobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Chloroethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Chloroform | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Chloromethane | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Dibromochloromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Dibromomethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Dichlorodifluoromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Ethanol | ND | | 180 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Ethylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| m,p-Xylene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Methylene Chloride | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Naphthalene | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| n-Butylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| N-Propylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| o-Xylene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| p-Isopropyltoluene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| sec-Butylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Styrene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| tert-Butylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Tetrachloroethene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Toluene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Trichloroethene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Trichlorofluoromethane | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Vinyl acetate | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Vinyl chloride | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Xylenes, Total | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 19:09* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:09* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 19:09* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:09* | *1* |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **1,1-Dichloroethane** | **0.90** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1-Dichloroethene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1-Dichloropropene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2-Dibromoethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2-Dichloroethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,3-Dichloropropane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 2,2-Dichloropropane | ND | | 3.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 2-Butanone | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 2-Chlorotoluene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 2-Hexanone | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 4-Chlorotoluene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 4-Methyl-2-pentanone | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Acetone** | **37** | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Benzene** | **1.4** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromochloromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromodichloromethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromoform | ND | | 3.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromomethane | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Carbon disulfide | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Carbon tetrachloride | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Chlorobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Chloroethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Chloroform | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Chloromethane | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **cis-1,2-Dichloroethene** | **2.5** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Dibromochloromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Dibromomethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Dichlorodifluoromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Ethanol | ND | | 160 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Ethylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Isopropylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| m,p-Xylene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Methylene Chloride | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Naphthalene | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| n-Butylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| N-Propylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| o-Xylene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| p-Isopropyltoluene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| sec-Butylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Styrene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| tert-Butylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Tetrachloroethene** | **5.4** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Toluene** | **1.2** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Trichloroethene** | **15** | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Trichlorofluoromethane | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Vinyl acetate | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Vinyl chloride | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Xylenes, Total | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 19:36* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:36* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 19:36* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:36* | *1* |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **1,1-Dichloroethane** | **1.0** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dibromoethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dichloropropane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,3-Dichloropropane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 2,2-Dichloropropane | ND | | 4.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 2-Chlorotoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 4-Chlorotoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Acetone** | **21** | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Benzene** | **3.5** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Bromobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Bromodichloromethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Carbon disulfide | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Carbon tetrachloride | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Chlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Chloroform | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Dibromomethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Ethylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Isopropylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Methylene Chloride | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Naphthalene | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| n-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| o-Xylene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| p-Isopropyltoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| sec-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Styrene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| tert-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Tetrachloroethene** | **1.8** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Toluene** | **2.8** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Trichloroethene** | **3.7** | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Trichlorofluoromethane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Vinyl acetate | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Vinyl chloride | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 20:04* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 20:04* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 20:04* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 20:04* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1-Dichloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dibromoethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dichloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dichloropropane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,3-Dichloropropane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 2-Chlorotoluene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 4-Chlorotoluene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| **Acetone** | **57** | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Benzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromodichloromethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Carbon disulfide | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Carbon tetrachloride | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Chlorobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Chloroform | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Dibromomethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Ethylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Methylene Chloride | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Naphthalene | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| n-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| o-Xylene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| p-Isopropyltoluene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| sec-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Styrene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| tert-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Tetrachloroethene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Toluene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Trichlorofluoromethane | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Vinyl acetate | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Vinyl chloride | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:03* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:03* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:03* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:03* | *1* |

**Client Sample ID: LV-3-10-DUP**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-10-DUP**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| **Acetone** | **39** | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Benzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| **m,p-Xylene** | **2.0** | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Tetrachloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| **Toluene** | **4.4** | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-10-DUP**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| **Xylenes, Total** | **2.0** | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:29* | *1* |
| *Dibromofluoromethane (Surr)* | *96* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:29* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:29* | *1* |

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1-Dichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dibromoethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dichloropropane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,3-Dichloropropane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 2-Chlorotoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 4-Chlorotoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| **Acetone** | **22** | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| **Benzene** | **1.7** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Bromobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Bromodichloromethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Carbon disulfide | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Carbon tetrachloride | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Chlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Chloroform | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Dibromomethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Ethylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Isopropylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Methylene Chloride | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Naphthalene | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| n-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| o-Xylene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| p-Isopropyltoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| sec-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Styrene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| tert-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Tetrachloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| **Toluene** | **1.5** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Trichlorofluoromethane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Vinyl acetate | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Vinyl chloride | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:55* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:55* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:55* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:55* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dibromoethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,3-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 2,2-Dichloropropane | ND | | 4.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 2-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 4-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| **Acetone** | **37** | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| **Benzene** | **1.9** | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromodichloromethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromoform | ND | | 4.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Carbon disulfide | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Carbon tetrachloride | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Chlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Chloroform | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Dibromomethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Ethylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Methylene Chloride | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Naphthalene | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| n-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| o-Xylene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| p-Isopropyltoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| sec-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Styrene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| tert-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Tetrachloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| **Toluene** | **1.4** | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Trichlorofluoromethane | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Vinyl acetate | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Vinyl chloride | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 19:20* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:20* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 19:20* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:20* | *1* |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 2,2-Dichloropropane | ND | | 5.3 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Acetone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromoform | ND | | 5.3 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Ethanol | ND | | 270 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 11:39* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 11:39* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 11:39* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 11:39* | *1* |

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1-Dichloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1-Dichloroethene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dibromoethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dichloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dichloropropane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,3-Dichloropropane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 2-Chlorotoluene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 4-Chlorotoluene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Benzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Bromobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Bromodichloromethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Carbon disulfide | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Carbon tetrachloride | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Chlorobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Chloroform | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Dibromomethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Ethanol | ND | | 240 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Ethylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Isopropylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Methylene Chloride | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Naphthalene | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| n-Butylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| o-Xylene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| p-Isopropyltoluene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| sec-Butylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Styrene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| tert-Butylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Tetrachloroethene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Toluene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Trichlorofluoromethane | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Vinyl acetate | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Vinyl chloride | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 12:07* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 12:07* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 12:07* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 12:07* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1-Dichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dibromoethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dichloropropane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,3-Dichloropropane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 2-Chlorotoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 4-Chlorotoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Acetone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Benzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromodichloromethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Carbon disulfide | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Carbon tetrachloride | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Chlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Chloroform | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Dibromomethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Ethylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Methylene Chloride | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Naphthalene | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| n-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| o-Xylene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| p-Isopropyltoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| sec-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Styrene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| tert-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Tetrachloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Toluene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Trichlorofluoromethane | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Vinyl acetate | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Vinyl chloride | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 12:35* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 12:35* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 12:35* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 12:35* | *1* |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 2,2-Dichloropropane | ND | | 5.3 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| **Acetone** | **34** | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromoform | ND | | 5.3 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 15:55* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 15:55* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 15:55* | *1* |
| *Toluene-d8 (Surr)* | *103* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 15:55* | *1* |

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| **Acetone** | **18** | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| **Benzene** | **2.2** | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| **Tetrachloroethene** | **7.7** | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| **Toluene** | **1.0** | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 13:31* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 13:31* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 13:31* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 13:31* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1-Dichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dibromoethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dichloropropane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,3-Dichloropropane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 2-Chlorotoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 4-Chlorotoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Benzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromodichloromethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Carbon disulfide | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Carbon tetrachloride | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Chlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Chloroform | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Dibromomethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Ethylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Methylene Chloride | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Naphthalene | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| n-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| o-Xylene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| p-Isopropyltoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| sec-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Styrene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| tert-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| **Tetrachloroethene** | **1.8** | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Toluene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Trichlorofluoromethane | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Vinyl acetate | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Vinyl chloride | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 14:01* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:01* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 14:01* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:01* | *1* |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1-Dichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2-Dibromoethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2-Dichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,3-Dichloropropane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 2-Chlorotoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 4-Chlorotoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Benzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromodichloromethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Carbon disulfide | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Carbon tetrachloride | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Chlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Chloroform | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Dibromomethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Ethanol | ND | | 240 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Ethylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Isopropylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Methylene Chloride | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Naphthalene | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| n-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| o-Xylene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| p-Isopropyltoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| sec-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Styrene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| tert-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Tetrachloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Toluene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Trichlorofluoromethane | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Vinyl acetate | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Vinyl chloride | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 14:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:29* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 14:29* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:29* | *1* |

**Client Sample ID: LV-6-15-DUP**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dibromoethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,3-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 2-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 4-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Benzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Bromobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Bromodichloromethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-15-DUP**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Carbon disulfide | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Carbon tetrachloride | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Chlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Chloroform | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Dibromomethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Ethylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Isopropylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Methylene Chloride | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Naphthalene | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| n-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| o-Xylene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| p-Isopropyltoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| sec-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Styrene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| tert-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Tetrachloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Toluene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Trichlorofluoromethane | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Vinyl acetate | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Vinyl chloride | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 14:57* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:57* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 14:57* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:57* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 15:26* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 15:26* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 15:26* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 15:26* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.081 | | mg/Kg | | 06/23/21 17:04 | 06/25/21 21:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/25/21 21:13* | *1* |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.077 | | mg/Kg | | 06/23/21 17:04 | 06/25/21 21:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *42 - 126* | *06/23/21 17:04* | *06/25/21 21:37* | *1* |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 15:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 15:34* | *1* |

**Client Sample ID: LV-9-10-DUP**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.076 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 15:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 15:58* | *1* |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Gasoline Range Organics (C4-C12)** | **6.9** | | 1.7 | | mg/Kg | | 06/23/21 17:10 | 06/29/21 11:16 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *42 - 126* | *06/23/21 17:10* | *06/29/21 11:16* | *20* |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.074 | | mg/Kg | | 06/23/21 17:04 | 06/29/21 09:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | *06/23/21 17:04* | *06/29/21 09:38* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.078 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 18:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 18:03* | *1* |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.063 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 18:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 18:27* | *1* |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.075 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 11:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 11:16* | *1* |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.097 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 11:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *59* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 11:40* | *1* |

**Client Sample ID: LV-3-10-DUP**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.073 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 12:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 12:04* | *1* |

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.085 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 12:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *75* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 12:28* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.079 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 14:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 14:21* | *1* |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.12 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 14:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 14:45* | *1* |

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 15:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 15:09* | *1* |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 15:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 15:33* | *1* |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 15:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 15:57* | *1* |

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.087 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 16:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 16:21* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.088 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 16:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 16:45* | *1* |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 17:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 17:09* | *1* |

**Client Sample ID: LV-6-15-DUP**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 17:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 17:33* | *1* |

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.097 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 12:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 12:52* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 13:52 | 1 |
| **C23-C40** | **5.7** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 13:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 13:52* | *1* |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:12 | 1 |
| **C23-C40** | **6.0** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *80* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 14:12* | *1* |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **3900** | | 250 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:31 | 50 |
| **C23-C40** | **13000** | | 250 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:31 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *104* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 14:31* | *50* |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:51 | 1 |
| **C23-C40** | **8.5** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *80* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 14:51* | *1* |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:11 | 1 |
| **C23-C40** | **8.9** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 15:11* | *1* |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 50 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:30 | 10 |
| **C23-C40** | **360** | | 50 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:30 | 10 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *64* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 15:30* | *10* |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:50 | 1 |
| **C23-C40** | **7.2** | | 4.9 | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:50 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 15:50* | *1* |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | mg/Kg | | 06/26/21 13:07 | 06/28/21 16:09 | 1 |
| **C23-C40** | **5.6** | | 4.9 | mg/Kg | | 06/26/21 13:07 | 06/28/21 16:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *85* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 16:09* | *1* |

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **9.4** | | 5.0 | mg/Kg | | 06/26/21 13:07 | 06/28/21 16:29 | 1 |
| **C23-C40** | **33** | | 5.0 | mg/Kg | | 06/26/21 13:07 | 06/28/21 16:29 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *85* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 16:29* | *1* |

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:08 | 1 |
| C23-C40 | ND | | 5.0 | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:08 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 17:08* | *1* |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:27 | 1 |
| **C23-C40** | **8.0** | | 5.0 | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:27 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *81* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 17:27* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:47 | 1 |
| **C23-C40** | **8.1** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 17:47* | *1* |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **5.6** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:07 | 1 |
| **C23-C40** | **7.9** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 18:07* | *1* |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **9.3** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:26 | 1 |
| **C23-C40** | **57** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 18:26* | *1* |

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:46 | 1 |
| **C23-C40** | **7.0** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 18:46* | *1* |

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:05 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *85* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 19:05* | *1* |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **12** | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:25 | 1 |
| **C23-C40** | **14** | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:25 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 19:25* | *1* |

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:45 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 19:45* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Diesel Range Organics (DRO) (GC) - RA

**Client Sample ID: LV-9-1**
**Lab Sample ID: 570-62513-1**
**Date Collected: 06/22/21 07:32**
**Matrix: Solid**
**Date Received: 06/22/21 18:50**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 51 | | 25 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 20:05 | 5 |
| C23-C40 | 880 | | 25 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 20:05 | 5 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *14* | *S1-* | *60 - 138* | *06/26/21 13:07* | *06/28/21 20:05* | *5* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | F1 | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| **Aroclor-1248** | **250** | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| **Aroclor-1254** | **720** | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1260 | ND | F1 F2 | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *90* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 16:29* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *68* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 16:29* | *1* |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 16:48* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *76* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 16:48* | *1* |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 17:06* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *78* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 17:06* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| **Aroclor-1260** | **73** | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *66* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 17:24* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *44* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 17:24* | *1* |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 17:43* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *66* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 17:43* | *1* |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *75* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 18:01* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *59* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 18:01* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 18:59* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *52* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 18:59* | *1* |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 19:17* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *67* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 19:17* | *1* |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *79* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 19:36* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *77* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 19:36* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 11:25* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *66* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 11:25* | *1* |

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *88* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 11:44* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *67* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 11:44* | *1* |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *80* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 12:02* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *69* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 12:02* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *86* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 12:20* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *77* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 12:20* | *1* |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 12:39* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *79* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 12:39* | *1* |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 12:57* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *82* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 12:57* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 13:15* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *73* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 13:15* | *1* |

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *91* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 14:30* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *86* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 14:30* | *1* |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 14:49* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *73* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 14:49* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 15:07* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 15:07* | *1* |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Arsenic | ND | F1 | 2.44 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Barium** | **144** | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Beryllium** | **0.537** | | 0.244 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Cobalt** | **8.40** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Chromium** | **27.6** | **F1** | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Copper** | **14.2** | **F1** | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Molybdenum | ND | F1 | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Nickel** | **49.5** | **F1** | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Antimony | ND | F1 | 2.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Vanadium** | **23.1** | **F1** | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Zinc** | **47.2** | **F1** | 9.76 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Lead** | **8.62** | **F1** | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Arsenic** | **30.0** | | 2.50 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Barium** | **121** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Beryllium** | **0.348** | | 0.250 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Cadmium** | **1.58** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Cobalt** | **11.9** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Chromium** | **13.9** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Copper** | **986** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Nickel** | **9.86** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Vanadium** | **24.1** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Zinc** | **1210** | | 10.0 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Lead** | **93.1** | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Arsenic | ND | L | 2.63 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Barium** | **87.2** | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Beryllium** | **0.445** | | 0.263 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Cobalt** | **14.6** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Chromium** | **66.4** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Copper** | **27.4** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | L | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Nickel** | **67.3** | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Vanadium** | **35.6** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Zinc** | **32.8** | | 10.5 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Barium** | **56.5** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Beryllium** | **0.343** | | 0.258 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Cobalt** | **11.3** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Chromium** | **51.3** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Copper** | **21.9** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Molybdenum | ND | L | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Nickel** | **48.2** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Vanadium** | **31.0** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Zinc** | **19.6** | | 10.3 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Lead | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Arsenic** | **40.2** | | 2.55 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Barium** | **157** | | 0.510 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Beryllium** | **0.430** | | 0.255 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Cadmium** | **1.97** | | 0.510 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Cobalt** | **16.5** | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Chromium** | **18.5** | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Copper** | **1250** | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| Molybdenum | ND | | 0.510 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Nickel** | **12.5** | | 0.510 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| Antimony | ND | | 3.06 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| Selenium | ND | | 5.10 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| Thallium | ND | | 5.10 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Vanadium** | **30.8** | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Zinc** | **1770** | | 10.2 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Lead** | **109** | | 5.10 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Arsenic | ND | L | 2.53 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Barium** | **102** | | 0.505 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Beryllium** | **0.717** | | 0.253 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Cadmium | ND | | 0.505 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Cobalt** | **21.9** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Chromium** | **109** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Copper** | **34.6** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Molybdenum | ND | L | 0.505 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Nickel** | **97.8** | | 0.505 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Antimony | ND | | 3.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Selenium | ND | | 5.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Thallium | ND | | 5.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Vanadium** | **68.6** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Zinc** | **38.2** | | 10.1 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Lead | ND | | 5.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Barium** | **110** | | 0.503 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Beryllium** | **0.560** | | 0.251 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Cobalt** | **22.0** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Chromium** | **89.6** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Copper** | **33.9** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Molybdenum | ND | L | 0.503 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Nickel** | **106** | | 0.503 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Vanadium** | **41.8** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Zinc** | **43.9** | | 10.1 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Arsenic | ND | L | 2.46 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Barium** | **88.4** | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Beryllium** | **0.493** | | 0.246 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Cobalt** | **14.8** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Chromium** | **67.5** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Copper** | **22.9** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | L | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Nickel** | **69.0** | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Vanadium** | **43.0** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Zinc** | **30.7** | | 9.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Lead | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Arsenic | ND | | 2.56 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Barium** | **71.1** | | 0.513 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Beryllium** | **0.479** | | 0.256 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Cadmium | ND | | 0.513 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Cobalt** | **17.8** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Chromium** | **80.7** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Copper** | **28.3** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Molybdenum | ND | L | 0.513 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Nickel** | **82.0** | | 0.513 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Antimony | ND | | 3.08 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Selenium | ND | | 5.13 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Thallium | ND | | 5.13 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Vanadium** | **44.2** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Zinc** | **32.4** | | 10.3 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Lead | ND | | 5.13 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Arsenic | ND | | 2.40 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Barium** | **51.7** | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Beryllium** | **0.345** | | 0.240 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Cobalt** | **4.73** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Chromium** | **8.22** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Copper** | **7.92** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Nickel** | **7.40** | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Vanadium** | **17.6** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Zinc** | **22.4** | | 9.62 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Arsenic** | **4.84** | | 2.63 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Barium** | **25.4** | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Beryllium | ND | | 0.263 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Cobalt** | **2.66** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Chromium** | **5.58** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Copper** | **2.47** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Molybdenum | ND | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Nickel** | **3.88** | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Vanadium** | **8.13** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Zinc** | **12.0** | | 10.5 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Arsenic | ND | | 2.46 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Barium** | **52.1** | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Beryllium** | **0.254** | | 0.246 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Cobalt** | **8.55** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Chromium** | **7.09** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Copper** | **5.45** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Nickel** | **6.15** | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Vanadium** | **13.3** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Zinc** | **18.9** | | 9.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Lead | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Barium** | **36.9** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Beryllium | ND | | 0.258 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Cobalt** | **4.38** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Chromium** | **5.41** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Copper** | **5.13** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Nickel** | **4.61** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Vanadium** | **10.8** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Zinc** | **14.6** | | 10.3 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Lead | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Arsenic | ND | | 2.44 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Barium** | **85.1** | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Beryllium | ND | | 0.244 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Cobalt** | **2.82** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Chromium** | **2.32** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Copper** | **2.18** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Nickel** | **1.57** | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Vanadium** | **12.4** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Zinc** | **14.4** | | 9.76 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Arsenic** | **2.40** | | 2.40 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Barium** | **15.2** | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Beryllium | ND | | 0.240 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Cobalt** | **0.991** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Chromium** | **2.47** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Copper** | **1.13** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Nickel** | **1.54** | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Vanadium** | **3.35** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Zinc | ND | | 9.62 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| **Barium** | **13.7** | | 0.485 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Cobalt | ND | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| **Chromium** | **1.95** | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Copper | ND | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| **Nickel** | **1.05** | | 0.485 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| **Vanadium** | **2.42** | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Zinc | ND | | 9.71 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Arsenic** | **3.60** | | 2.49 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Barium** | **11.7** | | 0.498 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Beryllium | ND | | 0.249 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Cobalt** | **1.17** | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Chromium** | **3.04** | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Copper** | **1.22** | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Nickel** | **1.97** | | 0.498 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Vanadium** | **4.08** | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Zinc | ND | | 9.95 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Lead | ND | | 4.98 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Barium** | **86.8** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Beryllium** | **0.451** | | 0.250 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Cobalt** | **6.37** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Chromium** | **12.3** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Copper** | **9.25** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Nickel** | **10.4** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Vanadium** | **22.5** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Zinc** | **31.4** | | 10.0 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Barium** | **61.1** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Beryllium** | **0.318** | | 0.258 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Cobalt** | **5.08** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Chromium** | **10.3** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Copper** | **6.26** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Nickel** | **7.26** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Vanadium** | **18.5** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Zinc** | **23.9** | | 10.3 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Lead | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 11:54 | 1 |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:00 | 1 |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:02 | 1 |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:03 | 1 |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:05 | 1 |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:11 | 1 |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.431** | | 0.0806 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:13 | 1 |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:14 | 1 |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:16 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:18 | 1 |

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:20 | 1 |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:22 | 1 |

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:24 | 1 |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:26 | 1 |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.116** | | 0.0833 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:27 | 1 |

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:33 | 1 |

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.165** | | 0.0806 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:35 | 1 |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:37 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-6-20**
**Lab Sample ID: 570-62513-22**
**Date Collected: 06/22/21 15:34**
**Matrix: Solid**
**Date Received: 06/22/21 18:50**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.123 | | 0.0847 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:38 | 1 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-142) | (80-120) | (80-123) | (80-120) |
| 570-62513-1 | LV-9-1 | 115 | 100 | 106 | 101 |
| 570-62513-2 | LV-9-5 | 114 | 101 | 104 | 102 |
| 570-62513-3 | LV-9-10 | 111 | 100 | 104 | 102 |
| 570-62513-4 | LV-9-10-DUP | 112 | 100 | 103 | 101 |
| 570-62513-5 | LV-7-1 | 115 | 100 | 105 | 99 |
| 570-62513-6 | LV-7-5 | 115 | 101 | 104 | 102 |
| 570-62513-7 | LV-7-10 | 113 | 102 | 101 | 101 |
| 570-62513-8 | LV-3-1 | 117 | 100 | 106 | 100 |
| 570-62513-9 | LV-3-5 | 116 | 100 | 103 | 101 |
| 570-62513-10 | LV-3-10 | 108 | 99 | 99 | 96 |
| 570-62513-11 | LV-3-10-DUP | 106 | 100 | 96 | 96 |
| 570-62513-12 | LV-2-1 | 108 | 100 | 100 | 97 |
| 570-62513-13 | LV-2-5 | 109 | 101 | 101 | 97 |
| 570-62513-14 | LV-2-10 | 113 | 101 | 104 | 102 |
| 570-62513-15 | LV-2-15 | 113 | 101 | 107 | 102 |
| 570-62513-16 | LV-2-20 | 115 | 101 | 106 | 100 |
| 570-62513-17 | LV-6-1 | 114 | 102 | 102 | 103 |
| 570-62513-18 | LV-6-5 | 115 | 98 | 106 | 101 |
| 570-62513-19 | LV-6-10 | 114 | 101 | 104 | 102 |
| 570-62513-20 | LV-6-15 | 114 | 102 | 105 | 101 |
| 570-62513-21 | LV-6-15-DUP | 114 | 100 | 107 | 102 |
| 570-62513-22 | LV-6-20 | 114 | 101 | 106 | 101 |
| LCS 570-159455/3 | Lab Control Sample | 94 | 99 | 95 | 97 |
| LCS 570-159457/3 | Lab Control Sample | 104 | 101 | 102 | 100 |
| LCS 570-159765/3 | Lab Control Sample | 105 | 102 | 101 | 101 |
| LCSD 570-159455/4 | Lab Control Sample Dup | 96 | 99 | 97 | 97 |
| LCSD 570-159457/4 | Lab Control Sample Dup | 104 | 100 | 102 | 101 |
| LCSD 570-159765/4 | Lab Control Sample Dup | 106 | 100 | 103 | 101 |
| MB 570-159455/6 | Method Blank | 97 | 99 | 95 | 97 |
| MB 570-159457/6 | Method Blank | 104 | 99 | 101 | 101 |
| MB 570-159765/6 | Method Blank | 103 | 100 | 100 | 101 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8015B - Gasoline Range Organics - (GC)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| | | BFB1 |
| Lab Sample ID | Client Sample ID | (42-126) |
| 570-62513-1 | LV-9-1 | 82 |
| 570-62513-2 | LV-9-5 | 87 |
| 570-62513-3 | LV-9-10 | 85 |
| 570-62513-4 | LV-9-10-DUP | 85 |
| 570-62513-5 | LV-7-1 | 87 |
| 570-62513-6 | LV-7-5 | 86 |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (42-126) | | | | | | | | | | | | |
| 570-62513-7 | LV-7-10 | 86 | | | | | | | | | | | | |
| 570-62513-8 | LV-3-1 | 77 | | | | | | | | | | | | |
| 570-62513-9 | LV-3-5 | 88 | | | | | | | | | | | | |
| 570-62513-10 | LV-3-10 | 59 | | | | | | | | | | | | |
| 570-62513-11 | LV-3-10-DUP | 82 | | | | | | | | | | | | |
| 570-62513-12 | LV-2-1 | 75 | | | | | | | | | | | | |
| 570-62513-13 | LV-2-5 | 86 | | | | | | | | | | | | |
| 570-62513-14 | LV-2-10 | 77 | | | | | | | | | | | | |
| 570-62513-15 | LV-2-15 | 83 | | | | | | | | | | | | |
| 570-62513-16 | LV-2-20 | 78 | | | | | | | | | | | | |
| 570-62513-17 | LV-6-1 | 82 | | | | | | | | | | | | |
| 570-62513-18 | LV-6-5 | 82 | | | | | | | | | | | | |
| 570-62513-19 | LV-6-10 | 80 | | | | | | | | | | | | |
| 570-62513-20 | LV-6-15 | 81 | | | | | | | | | | | | |
| 570-62513-21 | LV-6-15-DUP | 82 | | | | | | | | | | | | |
| 570-62513-22 | LV-6-20 | 80 | | | | | | | | | | | | |
| LCS 570-159777/3 | Lab Control Sample | 92 | | | | | | | | | | | | |
| LCS 570-160067/3 | Lab Control Sample | 93 | | | | | | | | | | | | |
| LCS 570-160172/3 | Lab Control Sample | 94 | | | | | | | | | | | | |
| LCS 570-160362/34 | Lab Control Sample | 92 | | | | | | | | | | | | |
| LCSD 570-159777/4 | Lab Control Sample Dup | 94 | | | | | | | | | | | | |
| LCSD 570-160067/4 | Lab Control Sample Dup | 98 | | | | | | | | | | | | |
| LCSD 570-160172/4 | Lab Control Sample Dup | 95 | | | | | | | | | | | | |
| LCSD 570-160362/35 | Lab Control Sample Dup | 91 | | | | | | | | | | | | |
| MB 570-159777/5 | Method Blank | 86 | | | | | | | | | | | | |
| MB 570-160067/5 | Method Blank | 86 | | | | | | | | | | | | |
| MB 570-160172/5 | Method Blank | 84 | | | | | | | | | | | | |
| MB 570-160362/36 | Method Blank | 77 | | | | | | | | | | | | |
| MB 570-160362/37 | Method Blank | 85 | | | | | | | | | | | | |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) | | | | | | | | | | | | |
| 570-62513-1 - RA | LV-9-1 | 14 S1- | | | | | | | | | | | | |
| 570-62513-2 | LV-9-5 | 82 | | | | | | | | | | | | |
| 570-62513-3 | LV-9-10 | 80 | | | | | | | | | | | | |
| 570-62513-5 | LV-7-1 | 104 | | | | | | | | | | | | |
| 570-62513-6 | LV-7-5 | 80 | | | | | | | | | | | | |
| 570-62513-7 | LV-7-10 | 82 | | | | | | | | | | | | |
| 570-62513-8 | LV-3-1 | 64 | | | | | | | | | | | | |
| 570-62513-9 | LV-3-5 | 82 | | | | | | | | | | | | |
| 570-62513-10 | LV-3-10 | 85 | | | | | | | | | | | | |
| 570-62513-12 | LV-2-1 | 85 | | | | | | | | | | | | |
| 570-62513-13 | LV-2-5 | 84 | | | | | | | | | | | | |
| 570-62513-14 | LV-2-10 | 81 | | | | | | | | | | | | |

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) | | | | | | |
| 570-62513-15 | LV-2-15 | 82 | | | | | | |
| 570-62513-16 | LV-2-20 | 83 | | | | | | |
| 570-62513-17 | LV-6-1 | 84 | | | | | | |
| 570-62513-18 | LV-6-5 | 83 | | | | | | |
| 570-62513-19 | LV-6-10 | 85 | | | | | | |
| 570-62513-20 | LV-6-15 | 83 | | | | | | |
| 570-62513-20 MS | LV-6-15 | 83 | | | | | | |
| 570-62513-20 MSD | LV-6-15 | 84 | | | | | | |
| 570-62513-22 | LV-6-20 | 84 | | | | | | |
| LCS 570-160080/2-A | Lab Control Sample | 82 | | | | | | |
| LCSD 570-160080/3-A | Lab Control Sample Dup | 83 | | | | | | |
| MB 570-160080/1-A | Method Blank | 82 | | | | | | |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | TCX1 (25-126) | DCB1 (20-155) | | | | | |
| 570-62513-1 | LV-9-1 | 90 | 68 | | | | | |
| 570-62513-1 MS | LV-9-1 | 86 | 44 | | | | | |
| 570-62513-1 MSD | LV-9-1 | 91 | 69 | | | | | |
| 570-62513-2 | LV-9-5 | 87 | 76 | | | | | |
| 570-62513-3 | LV-9-10 | 87 | 78 | | | | | |
| 570-62513-5 | LV-7-1 | 66 | 44 | | | | | |
| 570-62513-6 | LV-7-5 | 85 | 66 | | | | | |
| 570-62513-7 | LV-7-10 | 75 | 59 | | | | | |
| 570-62513-8 | LV-3-1 | 82 | 52 | | | | | |
| 570-62513-9 | LV-3-5 | 85 | 67 | | | | | |
| 570-62513-10 | LV-3-10 | 79 | 77 | | | | | |
| 570-62513-12 | LV-2-1 | 82 | 66 | | | | | |
| 570-62513-13 | LV-2-5 | 88 | 67 | | | | | |
| 570-62513-14 | LV-2-10 | 80 | 69 | | | | | |
| 570-62513-15 | LV-2-15 | 86 | 77 | | | | | |
| 570-62513-16 | LV-2-20 | 82 | 79 | | | | | |
| 570-62513-17 | LV-6-1 | 87 | 82 | | | | | |
| 570-62513-18 | LV-6-5 | 85 | 73 | | | | | |
| 570-62513-19 | LV-6-10 | 91 | 86 | | | | | |
| 570-62513-20 | LV-6-15 | 83 | 73 | | | | | |
| 570-62513-22 | LV-6-20 | 85 | 83 | | | | | |
| LCS 570-159297/2-A | Lab Control Sample | 95 | 91 | | | | | |
| LCSD 570-159297/3-A | Lab Control Sample Dup | 98 | 91 | | | | | |
| MB 570-159297/1-A | Method Blank | 87 | 88 | | | | | |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-159455/6**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159455/6**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *80 - 142* | | *06/24/21 09:56* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | | *06/24/21 09:56* | *1* |
| *Dibromofluoromethane (Surr)* | *95* | | *80 - 123* | | *06/24/21 09:56* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | | *06/24/21 09:56* | *1* |

**Lab Sample ID: LCS 570-159455/3**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 50.14 | | ug/Kg | | 100 | 67 - 122 |
| 1,2-Dibromoethane | 50.0 | 55.53 | | ug/Kg | | 111 | 80 - 123 |
| 1,2-Dichlorobenzene | 50.0 | 54.58 | | ug/Kg | | 109 | 80 - 120 |
| 1,2-Dichloroethane | 50.0 | 53.10 | | ug/Kg | | 106 | 80 - 125 |
| Benzene | 50.0 | 47.23 | | ug/Kg | | 94 | 79 - 120 |
| Carbon tetrachloride | 50.0 | 51.18 | | ug/Kg | | 102 | 69 - 132 |
| Chlorobenzene | 50.0 | 54.80 | | ug/Kg | | 110 | 80 - 120 |
| Di-isopropyl ether (DIPE) | 50.0 | 48.10 | | ug/Kg | | 96 | 62 - 128 |
| Ethanol | 500 | 555.9 | | ug/Kg | | 111 | 48 - 151 |
| Ethylbenzene | 50.0 | 55.81 | | ug/Kg | | 112 | 80 - 120 |
| Ethyl-t-butyl ether (ETBE) | 50.0 | 49.11 | | ug/Kg | | 98 | 66 - 123 |
| m,p-Xylene | 100 | 111.5 | | ug/Kg | | 111 | 79 - 120 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159455/3**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 48.23 | | ug/Kg | | 96 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 56.37 | | ug/Kg | | 113 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *95* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159455/4**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 49.31 | | ug/Kg | | 99 | 67 - 122 | 2 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 55.78 | | ug/Kg | | 112 | 80 - 123 | 0 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 52.71 | | ug/Kg | | 105 | 80 - 120 | 3 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 53.00 | | ug/Kg | | 106 | 80 - 125 | 0 | 20 |
| Benzene | | | 50.0 | 46.46 | | ug/Kg | | 93 | 79 - 120 | 2 | 20 |
| Carbon tetrachloride | | | 50.0 | 50.55 | | ug/Kg | | 101 | 69 - 132 | 1 | 20 |
| Chlorobenzene | | | 50.0 | 53.63 | | ug/Kg | | 107 | 80 - 120 | 2 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 48.43 | | ug/Kg | | 97 | 62 - 128 | 1 | 20 |
| Ethanol | | | 500 | 538.5 | | ug/Kg | | 108 | 48 - 151 | 3 | 29 |
| Ethylbenzene | | | 50.0 | 54.53 | | ug/Kg | | 109 | 80 - 120 | 2 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 49.36 | | ug/Kg | | 99 | 66 - 123 | 1 | 20 |
| m,p-Xylene | | | 100 | 108.4 | | ug/Kg | | 108 | 79 - 120 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 48.84 | | ug/Kg | | 98 | 68 - 120 | 1 | 20 |
| o-Xylene | | | 50.0 | 55.20 | | ug/Kg | | 110 | 79 - 120 | 2 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* |

**Lab Sample ID: MB 570-159457/6**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159457/6**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159457/6**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* | | *06/24/21 10:45* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | | *06/24/21 10:45* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | | *06/24/21 10:45* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *06/24/21 10:45* | *1* |

**Lab Sample ID: LCS 570-159457/3**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 46.62 | | ug/Kg | | 93 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 46.96 | | ug/Kg | | 94 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 44.83 | | ug/Kg | | 90 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 48.12 | | ug/Kg | | 96 | 80 - 125 | | |
| Benzene | | | 50.0 | 44.74 | | ug/Kg | | 89 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 52.42 | | ug/Kg | | 105 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 45.60 | | ug/Kg | | 91 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.35 | | ug/Kg | | 91 | 62 - 128 | | |
| Ethanol | | | 500 | 396.9 | | ug/Kg | | 79 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 45.22 | | ug/Kg | | 90 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 46.07 | | ug/Kg | | 92 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 89.43 | | ug/Kg | | 89 | 79 - 120 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 46.22 | | ug/Kg | | 92 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 45.38 | | ug/Kg | | 91 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-159457/4**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 49.54 | | ug/Kg | | 99 | 67 - 122 | 6 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 47.40 | | ug/Kg | | 95 | 80 - 123 | 1 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 46.67 | | ug/Kg | | 93 | 80 - 120 | 4 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 50.03 | | ug/Kg | | 100 | 80 - 125 | 4 | 20 |
| Benzene | | | 50.0 | 47.21 | | ug/Kg | | 94 | 79 - 120 | 5 | 20 |
| Carbon tetrachloride | | | 50.0 | 55.60 | | ug/Kg | | 111 | 69 - 132 | 6 | 20 |
| Chlorobenzene | | | 50.0 | 47.33 | | ug/Kg | | 95 | 80 - 120 | 4 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 47.07 | | ug/Kg | | 94 | 62 - 128 | 4 | 20 |
| Ethanol | | | 500 | 359.7 | | ug/Kg | | 72 | 48 - 151 | 10 | 29 |
| Ethylbenzene | | | 50.0 | 46.70 | | ug/Kg | | 93 | 80 - 120 | 3 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 48.10 | | ug/Kg | | 96 | 66 - 123 | 4 | 20 |
| m,p-Xylene | | | 100 | 93.40 | | ug/Kg | | 93 | 79 - 120 | 4 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 47.64 | | ug/Kg | | 95 | 68 - 120 | 3 | 20 |
| o-Xylene | | | 50.0 | 47.63 | | ug/Kg | | 95 | 79 - 120 | 5 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: MB 570-159765/6**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159765/6**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159765/6**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | | *06/25/21 10:42* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | | *06/25/21 10:42* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* | | *06/25/21 10:42* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *06/25/21 10:42* | *1* |

**Lab Sample ID: LCS 570-159765/3**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 45.91 | | ug/Kg | | 92 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 44.89 | | ug/Kg | | 90 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 44.78 | | ug/Kg | | 90 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 47.69 | | ug/Kg | | 95 | 80 - 125 | | |
| Benzene | | | 50.0 | 44.18 | | ug/Kg | | 88 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 49.87 | | ug/Kg | | 100 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 45.74 | | ug/Kg | | 91 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.25 | | ug/Kg | | 91 | 62 - 128 | | |
| Ethanol | | | 500 | 514.4 | | ug/Kg | | 103 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 44.83 | | ug/Kg | | 90 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 45.67 | | ug/Kg | | 91 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 89.57 | | ug/Kg | | 90 | 79 - 120 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 45.32 | | ug/Kg | | 91 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 45.21 | | ug/Kg | | 90 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159765/4**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.45 | | ug/Kg | | 95 | 67 - 122 | 3 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 46.18 | | ug/Kg | | 92 | 80 - 123 | 3 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 45.49 | | ug/Kg | | 91 | 80 - 120 | 2 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 48.29 | | ug/Kg | | 97 | 80 - 125 | 1 | 20 |
| Benzene | | | 50.0 | 45.01 | | ug/Kg | | 90 | 79 - 120 | 2 | 20 |
| Carbon tetrachloride | | | 50.0 | 53.62 | | ug/Kg | | 107 | 69 - 132 | 7 | 20 |
| Chlorobenzene | | | 50.0 | 46.37 | | ug/Kg | | 93 | 80 - 120 | 1 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 46.38 | | ug/Kg | | 93 | 62 - 128 | 2 | 20 |
| Ethanol | | | 500 | 444.2 | | ug/Kg | | 89 | 48 - 151 | 15 | 29 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-159765/4**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | | | 50.0 | 45.50 | | ug/Kg | | 91 | 80 - 120 | 1 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 46.45 | | ug/Kg | | 93 | 66 - 123 | 2 | 20 |
| m,p-Xylene | | | 100 | 89.56 | | ug/Kg | | 90 | 79 - 120 | 0 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 46.19 | | ug/Kg | | 92 | 68 - 120 | 2 | 20 |
| o-Xylene | | | 50.0 | 46.54 | | ug/Kg | | 93 | 79 - 120 | 3 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-159777/5**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/25/21 10:58 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | | *06/25/21 10:58* | *1* |

**Lab Sample ID: LCS 570-159777/3**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.030 | | mg/Kg | | 96 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* |

**Lab Sample ID: LCSD 570-159777/4**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.042 | | mg/Kg | | 96 | 70 - 124 | 1 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: MB 570-160067/5**
**Matrix: Solid**
**Analysis Batch: 160067**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/26/21 13:09 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | | *06/26/21 13:09* | *1* |

**Lab Sample ID: LCS 570-160067/3**
**Matrix: Solid**
**Analysis Batch: 160067**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 2.033 | | mg/Kg | | 95 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* |

**Lab Sample ID: LCSD 570-160067/4**
**Matrix: Solid**
**Analysis Batch: 160067**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.947 | | mg/Kg | | 92 | 70 - 124 | 4 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *42 - 126* |

**Lab Sample ID: MB 570-160172/5**
**Matrix: Solid**
**Analysis Batch: 160172**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/28/21 10:52 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *42 - 126* | | *06/28/21 10:52* | *1* |

**Lab Sample ID: LCS 570-160172/3**
**Matrix: Solid**
**Analysis Batch: 160172**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 2.082 | | mg/Kg | | 98 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: LCSD 570-160172/4**
**Matrix: Solid**
**Analysis Batch: 160172**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.090 | | mg/Kg | | 98 | 70 - 124 | 0 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *42 - 126* |

**Lab Sample ID: MB 570-160362/36**
**Matrix: Solid**
**Analysis Batch: 160362**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/29/21 00:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *42 - 126* | | *06/29/21 00:36* | *1* |

**Lab Sample ID: MB 570-160362/37**
**Matrix: Solid**
**Analysis Batch: 160362**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 2.0 | | mg/Kg | | | 06/29/21 01:00 | 20 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *42 - 126* | | *06/29/21 01:00* | *20* |

**Lab Sample ID: LCS 570-160362/34**
**Matrix: Solid**
**Analysis Batch: 160362**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.872 | | mg/Kg | | 88 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* |

**Lab Sample ID: LCSD 570-160362/35**
**Matrix: Solid**
**Analysis Batch: 160362**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.855 | | mg/Kg | | 87 | 70 - 124 | 1 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *42 - 126* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-160080/1-A**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 12:34 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 12:34 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 12:34* | *1* |

**Lab Sample ID: LCS 570-160080/2-A**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 393.2 | | mg/Kg | | 98 | 80 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* |

**Lab Sample ID: LCSD 570-160080/3-A**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 395.3 | | mg/Kg | | 99 | 80 - 130 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* |

**Lab Sample ID: 570-62513-20 MS**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: LV-6-15**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 16 | | 400 | 416.8 | | mg/Kg | | 100 | 43 - 165 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* |

**Lab Sample ID: 570-62513-20 MSD**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: LV-6-15**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 16 | | 402 | 421.1 | | mg/Kg | | 101 | 43 - 165 | 1 | 35 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: 570-62513-20 MSD**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: LV-6-15**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 84 | | 60 - 138 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-159297/1-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 87 | | 25 - 126 | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| DCB Decachlorobiphenyl (Surr) | 88 | | 20 - 155 | 06/23/21 15:01 | 06/25/21 14:58 | 1 |

**Lab Sample ID: LCS 570-159297/2-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 105.9 | | ug/Kg | | 106 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 100.5 | | ug/Kg | | 101 | 50 - 150 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 95 | | 25 - 126 |
| DCB Decachlorobiphenyl (Surr) | 91 | | 20 - 155 |

**Lab Sample ID: LCSD 570-159297/3-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 111.4 | | ug/Kg | | 111 | 50 - 142 | 5 | 30 |
| Aroclor-1260 | | | 100 | 106.4 | | ug/Kg | | 106 | 50 - 150 | 6 | 30 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 98 | | 25 - 126 |
| DCB Decachlorobiphenyl (Surr) | 91 | | 20 - 155 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-62513-1 MS**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | F1 | 99.7 | 142.7 | | ug/Kg | | 143 | 20 - 175 |
| Aroclor-1260 | ND | F1 F2 | 99.7 | 121.1 | | ug/Kg | | 121 | 20 - 180 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *86* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *44* | | *20 - 155* |

**Lab Sample ID: 570-62513-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | F1 | 99.4 | 197.1 | F1 | ug/Kg | | 198 | 20 - 175 | 32 | 40 |
| Aroclor-1260 | ND | F1 F2 | 99.4 | 306.1 | F1 F2 | ug/Kg | | 308 | 20 - 180 | 87 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *91* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *69* | | *20 - 155* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-159898/1-A**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Barium | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Cobalt | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Chromium | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Copper | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Nickel | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Vanadium | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Zinc | ND | | 10.0 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-159898/2-A**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Silver | 12.3 | 11.01 | | mg/Kg | | 89 | 80 - 120 |
| Arsenic | 24.6 | 23.18 | | mg/Kg | | 94 | 80 - 120 |
| Barium | 24.6 | 25.44 | | mg/Kg | | 103 | 80 - 120 |
| Beryllium | 24.6 | 22.83 | | mg/Kg | | 93 | 80 - 120 |
| Cadmium | 24.6 | 23.50 | | mg/Kg | | 95 | 80 - 120 |
| Cobalt | 24.6 | 24.09 | | mg/Kg | | 98 | 80 - 120 |
| Chromium | 24.6 | 23.82 | | mg/Kg | | 97 | 80 - 120 |
| Copper | 24.6 | 24.65 | | mg/Kg | | 100 | 80 - 120 |
| Molybdenum | 24.6 | 24.04 | | mg/Kg | | 98 | 80 - 120 |
| Nickel | 24.6 | 24.60 | | mg/Kg | | 100 | 80 - 120 |
| Antimony | 24.6 | 23.73 | | mg/Kg | | 96 | 80 - 120 |
| Selenium | 24.6 | 22.89 | | mg/Kg | | 93 | 80 - 120 |
| Thallium | 24.6 | 24.11 | | mg/Kg | | 98 | 80 - 120 |
| Vanadium | 24.6 | 23.91 | | mg/Kg | | 97 | 80 - 120 |
| Zinc | 24.6 | 23.86 | | mg/Kg | | 97 | 80 - 120 |
| Lead | 24.6 | 22.64 | | mg/Kg | | 92 | 80 - 120 |

**Lab Sample ID: LCSD 570-159898/3-A**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Silver | 12.4 | 11.08 | | mg/Kg | | 89 | 80 - 120 | 1 | 20 |
| Arsenic | 24.9 | 22.89 | | mg/Kg | | 92 | 80 - 120 | 1 | 20 |
| Barium | 24.9 | 25.51 | | mg/Kg | | 103 | 80 - 120 | 0 | 20 |
| Beryllium | 24.9 | 22.89 | | mg/Kg | | 92 | 80 - 120 | 0 | 20 |
| Cadmium | 24.9 | 23.29 | | mg/Kg | | 94 | 80 - 120 | 1 | 20 |
| Cobalt | 24.9 | 23.97 | | mg/Kg | | 96 | 80 - 120 | 0 | 20 |
| Chromium | 24.9 | 23.87 | | mg/Kg | | 96 | 80 - 120 | 0 | 20 |
| Copper | 24.9 | 24.71 | | mg/Kg | | 99 | 80 - 120 | 0 | 20 |
| Molybdenum | 24.9 | 24.28 | | mg/Kg | | 98 | 80 - 120 | 1 | 20 |
| Nickel | 24.9 | 24.48 | | mg/Kg | | 98 | 80 - 120 | 0 | 20 |
| Antimony | 24.9 | 23.15 | | mg/Kg | | 93 | 80 - 120 | 2 | 20 |
| Selenium | 24.9 | 22.71 | | mg/Kg | | 91 | 80 - 120 | 1 | 20 |
| Thallium | 24.9 | 24.87 | | mg/Kg | | 100 | 80 - 120 | 3 | 20 |
| Vanadium | 24.9 | 24.02 | | mg/Kg | | 97 | 80 - 120 | 0 | 20 |
| Zinc | 24.9 | 23.51 | | mg/Kg | | 95 | 80 - 120 | 1 | 20 |
| Lead | 24.9 | 22.29 | | mg/Kg | | 90 | 80 - 120 | 2 | 20 |

**Lab Sample ID: 570-62513-1 MS**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 12.1 | 1.203 | F1 | mg/Kg | | 10 | 75 - 125 |
| Arsenic | ND | F1 | 24.3 | 47.15 | F1 | mg/Kg | | 194 | 75 - 125 |
| Barium | 144 | | 24.3 | 118.6 | 4 | mg/Kg | | -104 | 75 - 125 |
| Beryllium | 0.537 | | 24.3 | 20.69 | | mg/Kg | | 83 | 75 - 125 |
| Cadmium | ND | | 24.3 | 20.30 | | mg/Kg | | 84 | 75 - 125 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62513-1 MS**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Cobalt | 8.40 | | 24.3 | 28.59 | | mg/Kg | | 83 | 75 - 125 |
| Chromium | 27.6 | F1 | 24.3 | 31.53 | F1 | mg/Kg | | 16 | 75 - 125 |
| Copper | 14.2 | F1 | 24.3 | 720.9 | F1 | mg/Kg | | 2911 | 75 - 125 |
| Molybdenum | ND | F1 | 24.3 | 17.02 | F1 | mg/Kg | | 70 | 75 - 125 |
| Nickel | 49.5 | F1 | 24.3 | 29.00 | F1 | mg/Kg | | -84 | 75 - 125 |
| Antimony | ND | F1 | 24.3 | 5.294 | F1 | mg/Kg | | 22 | 75 - 125 |
| Selenium | ND | | 24.3 | 18.38 | | mg/Kg | | 76 | 75 - 125 |
| Thallium | ND | | 24.3 | 18.09 | | mg/Kg | | 75 | 75 - 125 |
| Vanadium | 23.1 | F1 | 24.3 | 39.56 | F1 | mg/Kg | | 68 | 75 - 125 |
| Zinc | 47.2 | F1 | 24.3 | 1080 | F1 | mg/Kg | | 4254 | 75 - 125 |
| Lead | 8.62 | F1 | 24.3 | 83.22 | F1 | mg/Kg | | 307 | 75 - 125 |

**Lab Sample ID: 570-62513-1 MSD**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 12.4 | 1.286 | F1 | mg/Kg | | 10 | 75 - 125 | 7 | 20 |
| Arsenic | ND | F1 | 24.9 | 52.83 | F1 | mg/Kg | | 212 | 75 - 125 | 11 | 20 |
| Barium | 144 | | 24.9 | 119.9 | 4 | mg/Kg | | -96 | 75 - 125 | 1 | 20 |
| Beryllium | 0.537 | | 24.9 | 22.44 | | mg/Kg | | 88 | 75 - 125 | 8 | 20 |
| Cadmium | ND | | 24.9 | 22.15 | | mg/Kg | | 89 | 75 - 125 | 9 | 20 |
| Cobalt | 8.40 | | 24.9 | 30.88 | | mg/Kg | | 90 | 75 - 125 | 8 | 20 |
| Chromium | 27.6 | F1 | 24.9 | 32.68 | F1 | mg/Kg | | 21 | 75 - 125 | 4 | 20 |
| Copper | 14.2 | F1 | 24.9 | 780.4 | F1 | mg/Kg | | 3080 | 75 - 125 | 8 | 20 |
| Molybdenum | ND | F1 | 24.9 | 18.68 | | mg/Kg | | 75 | 75 - 125 | 9 | 20 |
| Nickel | 49.5 | F1 | 24.9 | 28.38 | F1 | mg/Kg | | -85 | 75 - 125 | 2 | 20 |
| Antimony | ND | F1 | 24.9 | 6.199 | F1 | mg/Kg | | 25 | 75 - 125 | 16 | 20 |
| Selenium | ND | | 24.9 | 20.70 | | mg/Kg | | 83 | 75 - 125 | 12 | 20 |
| Thallium | ND | | 24.9 | 21.73 | | mg/Kg | | 87 | 75 - 125 | 18 | 20 |
| Vanadium | 23.1 | F1 | 24.9 | 41.72 | | mg/Kg | | 75 | 75 - 125 | 5 | 20 |
| Zinc | 47.2 | F1 | 24.9 | 1180 | F1 | mg/Kg | | 4555 | 75 - 125 | 9 | 20 |
| Lead | 8.62 | F1 | 24.9 | 90.04 | F1 | mg/Kg | | 327 | 75 - 125 | 8 | 20 |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-159900/1-A**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 11:49 | 1 |

**Lab Sample ID: LCS 570-159900/2-A**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.820 | 0.8018 | | mg/Kg | | 98 | 85 - 121 |

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCSD 570-159900/3-A**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.794 | 0.7865 | | mg/Kg | | 99 | 85 - 121 | 2 | 10 |

**Lab Sample ID: 570-62513-1 MS**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.794 | 0.7489 | | mg/Kg | | 94 | 71 - 137 | | |

**Lab Sample ID: 570-62513-1 MSD**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.847 | 0.8009 | | mg/Kg | | 95 | 71 - 137 | 7 | 14 |

## GC/MS VOA

### Prep Batch: 159328

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 5035 | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 5035 | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 5035 | |
| 570-62513-4 | LV-9-10-DUP | Total/NA | Solid | 5035 | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 5035 | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 5035 | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 5035 | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 5035 | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 5035 | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 5035 | |
| 570-62513-11 | LV-3-10-DUP | Total/NA | Solid | 5035 | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 5035 | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 5035 | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 5035 | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 5035 | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 5035 | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 5035 | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 5035 | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 5035 | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 5035 | |
| 570-62513-21 | LV-6-15-DUP | Total/NA | Solid | 5035 | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159455

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-11 | LV-3-10-DUP | Total/NA | Solid | 8260B | 159328 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 8260B | 159328 |
| MB 570-159455/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159455/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159455/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Analysis Batch: 159457

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-4 | LV-9-10-DUP | Total/NA | Solid | 8260B | 159328 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 8260B | 159328 |
| MB 570-159457/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159457/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159457/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Analysis Batch: 159765

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 8260B | 159328 |

## GC/MS VOA (Continued)

### Analysis Batch: 159765 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-21 | LV-6-15-DUP | Total/NA | Solid | 8260B | 159328 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 8260B | 159328 |
| MB 570-159765/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159765/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159765/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

## GC VOA

### Prep Batch: 159328

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 5035 | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 5035 | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 5035 | |
| 570-62513-4 | LV-9-10-DUP | Total/NA | Solid | 5035 | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 5035 | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 5035 | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 5035 | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 5035 | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 5035 | |
| 570-62513-11 | LV-3-10-DUP | Total/NA | Solid | 5035 | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 5035 | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 5035 | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 5035 | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 5035 | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 5035 | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 5035 | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 5035 | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 5035 | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 5035 | |
| 570-62513-21 | LV-6-15-DUP | Total/NA | Solid | 5035 | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 5035 | |

### Prep Batch: 159331

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159777

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 8015B | 159328 |
| MB 570-159777/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-159777/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-159777/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC VOA

### Analysis Batch: 160067

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-21 | LV-6-15-DUP | Total/NA | Solid | 8015B | 159328 |
| MB 570-160067/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-160067/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-160067/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 160172

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-4 | LV-9-10-DUP | Total/NA | Solid | 8015B | 159328 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-11 | LV-3-10-DUP | Total/NA | Solid | 8015B | 159328 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 8015B | 159328 |
| MB 570-160172/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-160172/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-160172/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 160362

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 8015B | 159331 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 8015B | 159328 |
| MB 570-160362/36 | Method Blank | Total/NA | Solid | 8015B | |
| MB 570-160362/37 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-160362/34 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-160362/35 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC Semi VOA

### Prep Batch: 159297

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 3546 | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 3546 | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 3546 | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 3546 | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 3546 | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 3546 | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 3546 | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 3546 | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 3546 | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 3546 | |

## GC Semi VOA (Continued)

### Prep Batch: 159297 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 3546 | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 3546 | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 3546 | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 3546 | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 3546 | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 3546 | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 3546 | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 3546 | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 3546 | |
| MB 570-159297/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-159297/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-159297/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 3546 | |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 3546 | |

### Analysis Batch: 159618

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 8082 | 159297 |
| MB 570-159297/1-A | Method Blank | Total/NA | Solid | 8082 | 159297 |
| LCS 570-159297/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 159297 |
| LCSD 570-159297/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 159297 |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 8082 | 159297 |

### Prep Batch: 160080

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 - RA | LV-9-1 | Total/NA | Solid | 3550C | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 3550C | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 3550C | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 3550C | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 3550C | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 3550C | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 3550C | |

## GC Semi VOA (Continued)

### Prep Batch: 160080 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 3550C | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 3550C | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 3550C | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 3550C | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 3550C | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 3550C | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 3550C | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 3550C | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 3550C | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 3550C | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 3550C | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 3550C | |
| MB 570-160080/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-160080/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-160080/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| 570-62513-20 MS | LV-6-15 | Total/NA | Solid | 3550C | |
| 570-62513-20 MSD | LV-6-15 | Total/NA | Solid | 3550C | |

### Analysis Batch: 160223

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 - RA | LV-9-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 8015B | 160080 |
| MB 570-160080/1-A | Method Blank | Total/NA | Solid | 8015B | 160080 |
| LCS 570-160080/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 160080 |
| LCSD 570-160080/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 160080 |
| 570-62513-20 MS | LV-6-15 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-20 MSD | LV-6-15 | Total/NA | Solid | 8015B | 160080 |

## Metals

### Prep Batch: 159898

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 3050B | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 3050B | |

## Metals (Continued)

### Prep Batch: 159898 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 3050B | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 3050B | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 3050B | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 3050B | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 3050B | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 3050B | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 3050B | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 3050B | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 3050B | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 3050B | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 3050B | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 3050B | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 3050B | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 3050B | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 3050B | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 3050B | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 3050B | |
| MB 570-159898/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-159898/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-159898/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 3050B | |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 3050B | |

### Prep Batch: 159900

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 7471A | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 7471A | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 7471A | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 7471A | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 7471A | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 7471A | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 7471A | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 7471A | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 7471A | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 7471A | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 7471A | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 7471A | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 7471A | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 7471A | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 7471A | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 7471A | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 7471A | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 7471A | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 7471A | |
| MB 570-159900/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-159900/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-159900/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 7471A | |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 7471A | |

## Metals

### Analysis Batch: 160370

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 7471A | 159900 |
| MB 570-159900/1-A | Method Blank | Total/NA | Solid | 7471A | 159900 |
| LCS 570-159900/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 159900 |
| LCSD 570-159900/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 159900 |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 7471A | 159900 |

### Analysis Batch: 160592

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 6010B | 159898 |
| MB 570-159898/1-A | Method Blank | Total/NA | Solid | 6010B | 159898 |
| LCS 570-159898/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 159898 |
| LCSD 570-159898/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 159898 |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 6010B | 159898 |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-9-1

**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-1

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 7.162 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 16:19 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.154 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 21:13 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | RA | | 9.98 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | RA | 5 | | | 160223 | 06/28/21 20:05 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.08 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 16:29 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:30 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 11:54 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-9-5

**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-2

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.662 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 16:47 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.524 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 21:37 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.92 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 13:52 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 16:48 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:36 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:00 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-9-10

**Lab Sample ID: 570-62513-3**

**Date Collected: 06/22/21 07:46**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.32 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 17:16 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.794 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 15:34 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.00 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 14:12 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 17:06 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:39 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:02 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-9-10-DUP

**Lab Sample ID: 570-62513-4**

**Date Collected: 06/22/21 07:46**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.778 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 17:43 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.584 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 15:58 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

## Client Sample ID: LV-7-1

**Lab Sample ID: 570-62513-5**

**Date Collected: 06/22/21 08:54**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.105 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 18:12 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.048 g | 5 mL | 159331 | 06/23/21 17:10 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 20 | 5 mL | 5 mL | 160362 | 06/29/21 11:16 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.10 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 50 | | | 160223 | 06/28/21 14:31 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-7-1

**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-5

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.17 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 17:24 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:41 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:03 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-7-5

**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-6

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.841 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 18:40 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.758 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160362 | 06/29/21 09:38 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.91 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 14:51 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.16 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 17:43 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.96 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:42 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:05 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-7-10

**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.905 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 19:09 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.42 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 18:03 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-7-10

**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.99 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 15:11 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.12 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 18:01 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.98 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:03 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:11 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-3-1

**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-8

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 7.895 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 19:36 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.881 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 18:27 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.95 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 10 | | | 160223 | 06/28/21 15:30 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 18:59 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:05 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:13 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-3-5

**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-9

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.992 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 20:04 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-3-5

**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-9

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.696 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 11:16 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.19 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 15:50 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.04 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 19:17 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:07 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:14 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-3-10

**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-10

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.32 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159455 | 06/24/21 18:03 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.177 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 11:40 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.21 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 16:09 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.98 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 19:36 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.95 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:09 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:16 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-3-10-DUP

**Lab Sample ID: 570-62513-11**

**Date Collected: 06/22/21 11:14**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.578 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159455 | 06/24/21 18:29 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.827 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 12:04 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

## Client Sample ID: LV-2-1

**Lab Sample ID: 570-62513-12**

**Date Collected: 06/22/21 13:30**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.042 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159455 | 06/24/21 18:55 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.857 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 12:28 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.07 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 16:29 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.18 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 11:25 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:11 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:18 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-2-5

**Lab Sample ID: 570-62513-13**

**Date Collected: 06/22/21 13:33**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.491 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159455 | 06/24/21 19:20 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.351 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 14:21 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.01 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 17:08 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-2-5

**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-13

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.11 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 11:44 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:13 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:20 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-2-10

**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-14

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.694 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 11:39 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.132 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 14:45 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.91 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 17:27 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 12:02 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:15 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:22 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-2-15

**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-15

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.273 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 12:07 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.407 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 15:09 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-2-15

**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-15

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.01 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 17:47 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 12:20 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:17 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:24 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-2-20

**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-16

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.605 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 12:35 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.96 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 15:33 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.99 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 18:07 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.07 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 12:39 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:19 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:26 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-6-1

**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-17

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.744 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 15:55 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-6-1

**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-17

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.911 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 15:57 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.95 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 18:26 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.95 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 12:57 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:21 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:27 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-6-5

**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-18

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.543 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 13:31 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.727 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 16:21 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.01 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 18:46 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.30 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 13:15 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:30 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:33 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-6-10

**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-19

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.254 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 14:01 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.676 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 16:45 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.20 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 19:05 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.26 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 14:30 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:32 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:35 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-6-15

**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-20

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.143 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 14:29 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.429 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 17:09 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.11 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 19:25 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.99 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 14:49 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:34 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:37 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-6-15-DUP

**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-21

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.058 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 14:57 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.009 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 17:33 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

## Client Sample ID: LV-6-20

**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-22

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.007 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 15:26 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.172 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 12:52 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.09 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 19:45 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.18 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 15:07 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:36 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:38 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | ECL 2 |
| 8015B | Gasoline Range Organics - (GC) | SW846 | ECL 2 |
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | ECL 1 |
| 8082 | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 7471A | Mercury (CVAA) | SW846 | ECL 1 |
| 3050B | Preparation, Metals | SW846 | ECL 1 |
| 3546 | Microwave Extraction | SW846 | ECL 1 |
| 3550C | Ultrasonic Extraction | SW846 | ECL 1 |
| 5035 | Closed System Purge and Trap | SW846 | ECL 2 |
| 7471A | Preparation, Mercury | SW846 | ECL 1 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Solid | 06/22/21 07:32 | 06/22/21 18:50 | |
| 570-62513-2 | LV-9-5 | Solid | 06/22/21 07:34 | 06/22/21 18:50 | |
| 570-62513-3 | LV-9-10 | Solid | 06/22/21 07:46 | 06/22/21 18:50 | |
| 570-62513-4 | LV-9-10-DUP | Solid | 06/22/21 07:46 | 06/22/21 18:50 | |
| 570-62513-5 | LV-7-1 | Solid | 06/22/21 08:54 | 06/22/21 18:50 | |
| 570-62513-6 | LV-7-5 | Solid | 06/22/21 08:56 | 06/22/21 18:50 | |
| 570-62513-7 | LV-7-10 | Solid | 06/22/21 09:00 | 06/22/21 18:50 | |
| 570-62513-8 | LV-3-1 | Solid | 06/22/21 11:08 | 06/22/21 18:50 | |
| 570-62513-9 | LV-3-5 | Solid | 06/22/21 11:12 | 06/22/21 18:50 | |
| 570-62513-10 | LV-3-10 | Solid | 06/22/21 11:14 | 06/22/21 18:50 | |
| 570-62513-11 | LV-3-10-DUP | Solid | 06/22/21 11:14 | 06/22/21 18:50 | |
| 570-62513-12 | LV-2-1 | Solid | 06/22/21 13:30 | 06/22/21 18:50 | |
| 570-62513-13 | LV-2-5 | Solid | 06/22/21 13:33 | 06/22/21 18:50 | |
| 570-62513-14 | LV-2-10 | Solid | 06/22/21 13:38 | 06/22/21 18:50 | |
| 570-62513-15 | LV-2-15 | Solid | 06/22/21 13:44 | 06/22/21 18:50 | |
| 570-62513-16 | LV-2-20 | Solid | 06/22/21 13:49 | 06/22/21 18:50 | |
| 570-62513-17 | LV-6-1 | Solid | 06/22/21 15:02 | 06/22/21 18:50 | |
| 570-62513-18 | LV-6-5 | Solid | 06/22/21 15:09 | 06/22/21 18:50 | |
| 570-62513-19 | LV-6-10 | Solid | 06/22/21 15:18 | 06/22/21 18:50 | |
| 570-62513-20 | LV-6-15 | Solid | 06/22/21 15:24 | 06/22/21 18:50 | |
| 570-62513-21 | LV-6-15-DUP | Solid | 06/22/21 15:24 | 06/22/21 18:50 | |
| 570-62513-22 | LV-6-20 | Solid | 06/22/21 15:34 | 06/22/21 18:50 | |

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

570-62513 Chain of Custody

eurofins | Environment Testing America

62513.

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | DC No: 70-33526-7726 1 |
|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 1 of 3 |
| Company: Leighton Consulting Inc. | PWSID: | Analysis Requested | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | Preservation Codes: |
| City: Irvine | TAT Requested (days): Standard 5-day | | A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z other (specify) |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | |
| Email: mhimmelstein@leightongroup com | WO #: | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | Other: |

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 1 | LV-9-1 | 6-22-21 | 0732 | G | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 2 | LV-9-5 | | 0734 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 3 | LV-9-10 | | 0746 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 4 | LV-9-10-DUP | | 0746 | | Solid | | | X | | X | | | | 5 | 5 VOAs |
| 5 | LV-7-1 | | 0854 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 6 | LV-7-5 | | 0856 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 7 | LV-7-10 | | 0900 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 8 | LV-3-1 | | 1108 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 9 | LV-3-5 | | 1112 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 10 | LV-3-10 | | 1114 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 11 | LV-3-10-DUP | | 1114 | | Solid | | | X | | X | | | | 5 | 5 VOAs |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-22-21 1720 | Leighton | | 6/22/21 1720 | GTI |
| 2 | | 6/22/21 1850 | EGT | | 6/22/21 1850 | En |
| 3 | | Date/Time: | Company | | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.0/3.4 SCS

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

L22513

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No.: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 2 of 3 |
| Company: Leighton Consulting Inc. | PWSID: | Analysis Requested | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | Preservation Codes. |
| City: Irvine | TAT Requested (days): Standard 5-day | | | A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M Hexane; N - None; O - AsNaO2; P - Na2O4S; Q Na2SO3; R - Na2S2O3; S - H2SO4; T TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify); Other: |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Preservation Code: | | | | | | | N | N | N | N | N | N | | |
| 12 | LV-2-1 | 6-22-21 | 1330 | G | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 13 | LV-2-5 | | 1333 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 14 | LV-2-10 | | 1338 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 15 | LV-2-15 | | 1344 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 16 | LV-2-20 | | 1349 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 17 | LV-6-1 | | 1502 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 18 | LV-6-5 | | 1509 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 19 | LV-6-10 | | 1518 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 20 | LV-6-15 | | 1524 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 21 | LV-6-15-DUP | | 1524 | | Solid | | | X | | X | | | | 5 | 5 VOAs |
| 22 | LV-6-20 | | 1534 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Villcas | 6-22-21 1720 | Leighton | | 6/22/21 1720 | ECI |
| 2 | | 6/22/21 1850 | ECI | | 6/22/21 1850 | ECI |
| 3 | | Date/Time: | Company | | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 3 of 3 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes**

| | |
|---|---|
| A - HCL | M Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q - Na2SO3 |
| F - MeOH | R - Na2S2O3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V - MCAA |
| K - EDTA | W pH 4-5 |
| L - EDA | Z - other (specify) |

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | X | X | N | N | N | N | N | N | X | |
| 23 LV-9-32 | 6-22-21 | 0820 | G | Solid | | | | X | | X | X | X | 1 | 1 Jar (8-oz), HOLD |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|
| | | | |

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-22-21 1720 | Leighton | | 6/22/21 1720 | EQ |
| 2 | | 6/22/21 1850 | EQ | | 6/22/21 1850 | EQ |
| 3 | | Date/Time: | Company | Received by | Date/Time | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62513-1

**Login Number: 62513**
**List Number: 1**
**Creator: Ramos, Maribel**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62513-2
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*7/9/2021 4:57:04 PM*
Sheila Luu, Project Mgmt. Assistant
Sheila.Luu@eurofinset.com

Designee for

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 5
Client Sample Results . . . . . 6
QC Sample Results . . . . . 9
QC Association Summary . . . . . 11
Lab Chronicle . . . . . 13
Certification Summary . . . . . 16
Method Summary . . . . . 17
Sample Summary . . . . . 18
Chain of Custody . . . . . 19
Receipt Checklists . . . . . 20

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# Case Narrative

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Job ID: 570-62513-2

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
**570-62513-2**

**Comments**
No additional comments.

**Receipt**
The samples were received on 6/22/2021 6:50 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4º C.

**HPLC/IC**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-9-5 — Lab Sample ID: 570-62513-2

No Detections.

## Client Sample ID: LV-9-10 — Lab Sample ID: 570-62513-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 3600 | | 400 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-7-1 — Lab Sample ID: 570-62513-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 700 | | 400 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-7-5 — Lab Sample ID: 570-62513-6

No Detections.

## Client Sample ID: LV-7-10 — Lab Sample ID: 570-62513-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 480 | | 400 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-3-1 — Lab Sample ID: 570-62513-8

No Detections.

## Client Sample ID: LV-3-5 — Lab Sample ID: 570-62513-9

No Detections.

## Client Sample ID: LV-3-10 — Lab Sample ID: 570-62513-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7199 - Chromium, Hexavalent (IC)

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chromium, hexavalent** | **3600** | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:25 | 10 |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chromium, hexavalent** | **700** | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:36 | 10 |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chromium, hexavalent** | **480** | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:46 | 10 |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:57 | 10 |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 13:08 | 10 |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 13:19 | 10 |

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

## Method: 6010B - Metals (ICP) - TCLP

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:39 | 1 |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:41 | 1 |

## Method: 6010B - Metals (ICP) - STLC Citrate

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:26 | 1 |
| Copper | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:26 | 1 |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:39 | 1 |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:41 | 1 |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:43 | 1 |
| Copper | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:43 | 1 |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:45 | 1 |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:49 | 1 |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:47 | 1 |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:51 | 1 |

## Method: 7199 - Chromium, Hexavalent (IC)

**Lab Sample ID: MB 570-162493/1-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 390 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 10:36 | 10 |

**Lab Sample ID: LCS 570-162493/2-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 19900 | 18750 | | ug/Kg | | 94 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162493/3-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 19800 | 18570 | | ug/Kg | | 94 | 80 - 120 | 1 | 20 |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: LB 570-162278/1-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Method Blank**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | LB Result | LB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:09 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:09 | 1 |

**Lab Sample ID: LCS 570-162278/2-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 5.614 | | mg/L | | 112 | 80 - 120 | | |
| Chromium | | | 5.00 | 5.479 | | mg/L | | 110 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162278/3-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 5.614 | | mg/L | | 112 | 80 - 120 | 0 | 20 |
| Chromium | | | 5.00 | 5.471 | | mg/L | | 109 | 80 - 120 | 0 | 20 |

**Lab Sample ID: LB4 570-162303/1-C**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: Method Blank**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | LB4 Result | LB4 Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:18 | 1 |
| Copper | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:18 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:18 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-162303/2-C**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: Lab Control Sample**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 4.825 | | mg/L | | 96 | 80 - 120 | | |
| Copper | | | 5.00 | 5.387 | | mg/L | | 108 | 80 - 120 | | |
| Chromium | | | 5.00 | 5.058 | | mg/L | | 101 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162303/3-C**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 4.629 | | mg/L | | 93 | 80 - 120 | 4 | 20 |
| Copper | | | 5.00 | 5.215 | | mg/L | | 104 | 80 - 120 | 3 | 20 |
| Chromium | | | 5.00 | 4.875 | | mg/L | | 97 | 80 - 120 | 4 | 20 |

**Lab Sample ID: 570-62513-2 MS**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: LV-9-5**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | 4.707 | | mg/L | | 94 | 84 - 120 | | |
| Copper | ND | | 5.00 | 5.284 | | mg/L | | 106 | 78 - 126 | | |
| Chromium | ND | | 5.00 | 4.997 | | mg/L | | 100 | 86 - 122 | | |

**Lab Sample ID: 570-62513-2 MSD**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: LV-9-5**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | 4.741 | | mg/L | | 95 | 84 - 120 | 1 | 7 |
| Copper | ND | | 5.00 | 5.323 | | mg/L | | 106 | 78 - 126 | 1 | 7 |
| Chromium | ND | | 5.00 | 4.989 | | mg/L | | 100 | 86 - 122 | 0 | 8 |

# QC Association Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## HPLC/IC

### Prep Batch: 162493

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 3060A | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 3060A | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 3060A | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 3060A | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 3060A | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 3060A | |
| MB 570-162493/1-A | Method Blank | Total/NA | Solid | 3060A | |
| LCS 570-162493/2-A | Lab Control Sample | Total/NA | Solid | 3060A | |
| LCSD 570-162493/3-A | Lab Control Sample Dup | Total/NA | Solid | 3060A | |

### Analysis Batch: 162597

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 7199 | 162493 |
| MB 570-162493/1-A | Method Blank | Total/NA | Solid | 7199 | 162493 |
| LCS 570-162493/2-A | Lab Control Sample | Total/NA | Solid | 7199 | 162493 |
| LCSD 570-162493/3-A | Lab Control Sample Dup | Total/NA | Solid | 7199 | 162493 |

## Metals

### Leach Batch: 162278

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-6 | LV-7-5 | TCLP | Solid | 1311 | |
| 570-62513-7 | LV-7-10 | TCLP | Solid | 1311 | |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 1311 | |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 1311 | |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 1311 | |

### Leach Batch: 162303

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-2 | LV-9-5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-3 | LV-9-10 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-5 | LV-7-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-6 | LV-7-5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-7 | LV-7-10 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-8 | LV-3-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-9 | LV-3-5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-10 | LV-3-10 | STLC Citrate | Solid | CA WET Citrate | |
| LB4 570-162303/1-C | Method Blank | STLC Citrate | Solid | CA WET Citrate | |
| LCS 570-162303/2-C | Lab Control Sample | STLC Citrate | Solid | CA WET Citrate | |
| LCSD 570-162303/3-C | Lab Control Sample Dup | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-2 MS | LV-9-5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-2 MSD | LV-9-5 | STLC Citrate | Solid | CA WET Citrate | |

### Prep Batch: 162670

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-2 | LV-9-5 | STLC Citrate | Solid | Dilution | 162303 |

## Metals (Continued)

### Prep Batch: 162670 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-5 | LV-7-1 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-6 | LV-7-5 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-7 | LV-7-10 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-8 | LV-3-1 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-9 | LV-3-5 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-10 | LV-3-10 | STLC Citrate | Solid | Dilution | 162303 |
| LB4 570-162303/1-C | Method Blank | STLC Citrate | Solid | Dilution | 162303 |
| LCS 570-162303/2-C | Lab Control Sample | STLC Citrate | Solid | Dilution | 162303 |
| LCSD 570-162303/3-C | Lab Control Sample Dup | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-2 MS | LV-9-5 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-2 MSD | LV-9-5 | STLC Citrate | Solid | Dilution | 162303 |

### Prep Batch: 162748

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-6 | LV-7-5 | TCLP | Solid | 3010A | 162278 |
| 570-62513-7 | LV-7-10 | TCLP | Solid | 3010A | 162278 |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 3010A | 162278 |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 3010A | 162278 |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 3010A | 162278 |

### Analysis Batch: 163009

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-2 | LV-9-5 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-3 | LV-9-10 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-5 | LV-7-1 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-6 | LV-7-5 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-7 | LV-7-10 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-8 | LV-3-1 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-9 | LV-3-5 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-10 | LV-3-10 | STLC Citrate | Solid | 6010B | 162670 |
| LB4 570-162303/1-C | Method Blank | STLC Citrate | Solid | 6010B | 162670 |
| LCS 570-162303/2-C | Lab Control Sample | STLC Citrate | Solid | 6010B | 162670 |
| LCSD 570-162303/3-C | Lab Control Sample Dup | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-2 MS | LV-9-5 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-2 MSD | LV-9-5 | STLC Citrate | Solid | 6010B | 162670 |

### Analysis Batch: 163051

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-6 | LV-7-5 | TCLP | Solid | 6010B | 162748 |
| 570-62513-7 | LV-7-10 | TCLP | Solid | 6010B | 162748 |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 6010B | 162748 |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 6010B | 162748 |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 6010B | 162748 |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Client Sample ID: LV-9-5
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-2
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 50.01 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:26 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |

## Client Sample ID: LV-9-10
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-3
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.50 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:25 | URMH | ECL 1 |
| | Instrument ID: | IC17 | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 50.05 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:39 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |

## Client Sample ID: LV-7-1
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-5
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.51 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:36 | URMH | ECL 1 |
| | Instrument ID: | IC17 | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 50.01 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:41 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |

## Client Sample ID: LV-7-5
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-6
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 50.04 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:43 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |
| TCLP | Leach | 1311 | | | 100.11 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:39 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Client Sample ID: LV-7-10

**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.51 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:46 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 49.99 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:45 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| TCLP | Leach | 1311 | | | 99.97 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:41 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |

## Client Sample ID: LV-3-1

**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-8

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.53 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:57 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 49.98 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:49 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

## Client Sample ID: LV-3-5

**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-9

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.50 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 13:08 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 49.97 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:47 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

## Client Sample ID: LV-3-10

**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-10

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.51 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 13:19 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Client Sample ID: LV-3-10

**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-10

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 50.03 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:51 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 7199 | Chromium, Hexavalent (IC) | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 1311 | TCLP Extraction | SW846 | ECL 3 |
| 3010A | Preparation, Total Metals | SW846 | ECL 1 |
| 3060A | Alkaline Digestion (Chromium, Hexavalent) | SW846 | ECL 1 |
| CA WET Citrate | California - Waste Extraction Test with Citrate Leach | CA-WET | ECL 3 |
| Dilution | Preparation / Dilution Process | None | ECL 1 |

**Protocol References:**

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62513-2 | LV-9-5 | Solid | 06/22/21 07:34 | 06/22/21 18:50 | |
| 570-62513-3 | LV-9-10 | Solid | 06/22/21 07:46 | 06/22/21 18:50 | |
| 570-62513-5 | LV-7-1 | Solid | 06/22/21 08:54 | 06/22/21 18:50 | |
| 570-62513-6 | LV-7-5 | Solid | 06/22/21 08:56 | 06/22/21 18:50 | |
| 570-62513-7 | LV-7-10 | Solid | 06/22/21 09:00 | 06/22/21 18:50 | |
| 570-62513-8 | LV-3-1 | Solid | 06/22/21 11:08 | 06/22/21 18:50 | |
| 570-62513-9 | LV-3-5 | Solid | 06/22/21 11:12 | 06/22/21 18:50 | |
| 570-62513-10 | LV-3-10 | Solid | 06/22/21 11:14 | 06/22/21 18:50 | |

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

570-62513 Chain of Custody

eurofins | Environment Testing America

6/25/13.

| | | | |
|---|---|---|---|
| **Client Information** | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | COC No: 70-33526-7726.1 |
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan.Dang@eurofinset.com | State of Origin: | Page: Page 1 of 3 |
| Company: Leighton Consulting Inc. | PWSID: | Analysis Requested | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | |
| Email: mhimmelstein@leightongroup.com | WO #: | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | |

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other: Please Perform 7/1/2021 - Added Analyses - Standard TAT

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for CAWET for Pb | Analyze for CAWET+TCLP for Pb | Analyze for CAWET+TCLP for Cr(T) | Analyze for CAWET Cr+6 | Analyze for CAWET for Cr | Analyze for TCLP for Cr | Total Number of Containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | N | N | N | N | N | N | | | | | | | | |
| 1 | LV-9-1 | 6-22-21 | 0732 | G | Solid | | X | X | X | X | X | X | | | | | | | 6 | 5 VOAs, 1 tube |
| 2 | LV-9-5 | | 0734 | | Solid | | X | X | X | X | X | X | X | X | | | | | 6 | 5 VOAs, 1 tube |
| 3 | LV-9-10 | | 0746 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 4 | LV-9-10-DUP | | 0746 | | Solid | | X | | X | | | | | | | | | | 5 | 5 VOAs |
| 5 | LV-7-1 | | 0854 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 6 | LV-7-5 | | 0856 | | Solid | | X | X | X | X | X | X | X | X | | | | | 6 | 5 VOAs, 1 tube |
| 7 | LV-7-10 | | 0900 | | Solid | | X | X | X | X | X | X | | | | X | X | X | 6 | 5 VOAs, 1 tube |
| 8 | LV-3-1 | | 1108 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 9 | LV-3-5 | | 1112 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 10 | LV-3-10 | | 1114 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 11 | LV-3-10-DUP | ↓ | 1114 | ↓ | Solid | | X | | X | | | | | | | | | | 5 | 5 VOAs |

*Possible Hazard Identification*
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

*Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Empty Kit Relinquished by: | | Date: | | Time: | | Method of Shipment: | |
| Relinquished by: Marius Vilkas | Date/Time: 6-22-21 1720 | Company: Leighton | Received by: | Date/Time: 6/22/21 | 1720 | Company: ECI | |
| Relinquished by: | Date/Time: 6/22/21 1850 | Company: ECI | Received by: | Date/Time: 6/22/21 | 1850 | Company: ECI | |
| Relinquished by: | Date/Time: | Company: | Received by: | Date/Time: | | Company: | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.0/3.4 SCS

Ver 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62513-2

**Login Number: 62513**
**List Number: 1**
**Creator: Ramos, Maribel**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62552-1
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*6/30/2021 6:36:14 PM*

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 5
Client Sample Results . . . . . 8
Surrogate Summary . . . . . 41
QC Sample Results . . . . . 43
QC Association Summary . . . . . 52
Lab Chronicle . . . . . 57
Certification Summary . . . . . 63
Method Summary . . . . . 64
Sample Summary . . . . . 65
Chain of Custody . . . . . 66
Receipt Checklists . . . . . 68

# Definitions/Glossary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Qualifiers

### Metals

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-62552-1

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
**570-62552-1**

**Comments**
No additional comments.

**Receipt**
The samples were received on 6/23/2021 11:22 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3º C.

**GC/MS VOA**
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159773.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC VOA**
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-160174.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC Semi VOA**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Organic Prep**
Method 3550C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-160306. LCS/LCSD was performed to meet QC requirement.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**VOA Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62552-1

## Client Sample ID: LV-1-1 — Lab Sample ID: 570-62552-1

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.6 | | 0.80 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 0.86 | | 0.80 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 5.7 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 27.8 | F1 | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 1.84 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.40 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 0.491 | F1 | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 11.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.190 | | 0.0877 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-1-5 — Lab Sample ID: 570-62552-2

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 6.1 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 2.71 | | 2.48 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 47.8 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 1.80 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 4.06 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.18 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 11.5 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 4.21 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-1-10 — Lab Sample ID: 570-62552-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 3.54 | | 2.49 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 187 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.436 | | 0.249 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.39 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.7 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 14.5 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 24.4 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 16.3 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 19.3 | | 9.95 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 12.1 | | 4.98 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.241 | | 0.0794 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-1-15 — Lab Sample ID: 570-62552-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 4.09 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 252 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.606 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.74 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 16.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 17.7 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 32.4 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 23.4 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 23.0 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 5.23 | | 5.00 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62552-1

## Client Sample ID: LV-1-20 — Lab Sample ID: 570-62552-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 2.55 | | 2.43 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 41.2 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 1.48 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.68 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.82 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.30 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 4.22 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.112 | | 0.0877 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-5-1 — Lab Sample ID: 570-62552-6

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 20 | | 17 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.5 | | 0.84 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.4 | | 0.84 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.1 | | 0.84 | | ug/Kg | 1 | | 8260B | Total/NA |
| Arsenic | 3.40 | | 2.45 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 109 | | 0.490 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.290 | | 0.245 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.62 | | 0.980 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 7.10 | | 0.980 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.97 | | 0.980 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 15.3 | | 0.490 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 9.24 | | 0.980 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.2 | | 9.80 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 7.28 | | 4.90 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-5-5 — Lab Sample ID: 570-62552-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 7.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 84.4 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.90 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 6.35 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.41 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.7 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.63 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 12.7 | | 9.95 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 6.94 | | 4.98 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-5-10 — Lab Sample ID: 570-62552-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 8.9 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 3.51 | | 2.46 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 93.7 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.250 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.13 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 6.69 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 8.33 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.3 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.68 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-5-10 (Continued)
## Lab Sample ID: 570-62552-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Zinc | 13.3 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 17.5 | | 4.93 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0850 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-5-10-DUP
## Lab Sample ID: 570-62552-9

No Detections.

## Client Sample ID: LV-5-15
## Lab Sample ID: 570-62552-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 12 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 2.80 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 166 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.365 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.13 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 7.52 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.91 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 18.6 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 9.90 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 12.7 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 7.63 | | 5.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.114 | | 0.0794 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-5-20
## Lab Sample ID: 570-62552-11

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 7.4 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 22 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 4.18 | | 2.58 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 106 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.269 | | 0.258 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.32 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 6.27 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.47 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 13.8 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 9.83 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.3 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 13.6 | | 5.15 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0855 | | 0.0820 | | mg/Kg | 1 | | 7471A | Total/NA |

This Detection Summary does not include radiochemical test results.

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-1-1**
**Lab Sample ID: 570-62552-1**
**Date Collected: 06/23/21 07:29**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1-Dichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dibromoethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dichloropropane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,3-Dichloropropane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 2-Chlorotoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 4-Chlorotoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| **Acetone** | **18** | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| **Benzene** | **1.6** | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromodichloromethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Carbon disulfide | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Carbon tetrachloride | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Chlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Chloroform | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Dibromomethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Ethylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-1**
**Lab Sample ID: 570-62552-1**
**Date Collected: 06/23/21 07:29**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Methylene Chloride | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Naphthalene | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| n-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| o-Xylene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| p-Isopropyltoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| sec-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Styrene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| tert-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Tetrachloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| **Toluene** | **0.86** | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Trichlorofluoromethane | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Vinyl acetate | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Vinyl chloride | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 12:36* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 12:36* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 12:36* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 12:36* | *1* |

**Client Sample ID: LV-1-5**
**Lab Sample ID: 570-62552-2**
**Date Collected: 06/23/21 07:36**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1-Dichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2-Dibromoethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2-Dichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-5**
**Lab Sample ID: 570-62552-2**
**Date Collected: 06/23/21 07:36**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,3-Dichloropropane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 2,2-Dichloropropane | ND | | 3.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 2-Chlorotoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 4-Chlorotoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Benzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromodichloromethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromoform | ND | | 3.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Carbon disulfide | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Carbon tetrachloride | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Chlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Chloroform | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Dibromomethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Ethylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Isopropylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Methylene Chloride | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Naphthalene | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| n-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| o-Xylene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| p-Isopropyltoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| sec-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Styrene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| tert-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Tetrachloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Toluene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Trichlorofluoromethane | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Vinyl acetate | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Vinyl chloride | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 13:02* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:02* | *1* |
| *Dibromofluoromethane (Surr)* | *96* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 13:02* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:02* | *1* |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dibromoethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,3-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 2-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 4-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Benzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Bromobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Bromodichloromethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-10**
**Lab Sample ID: 570-62552-3**
**Date Collected: 06/23/21 07:42**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Carbon disulfide | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Carbon tetrachloride | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Chlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Chloroform | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Dibromomethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Ethylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Isopropylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Methylene Chloride | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Naphthalene | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| n-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| o-Xylene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| p-Isopropyltoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| sec-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Styrene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| tert-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Tetrachloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Toluene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Trichlorofluoromethane | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Vinyl acetate | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Vinyl chloride | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 13:28* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:28* | *1* |
| *Dibromofluoromethane (Surr)* | *90* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 13:28* | *1* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:28* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-1-15**
**Lab Sample ID: 570-62552-4**
**Date Collected: 06/23/21 07:48**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1-Dichloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1-Dichloroethene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dibromoethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dichloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dichloropropane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,3-Dichloropropane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 2,2-Dichloropropane | ND | | 2.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 2-Butanone | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 2-Chlorotoluene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 2-Hexanone | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 4-Chlorotoluene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 4-Methyl-2-pentanone | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Acetone | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Benzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromochloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromodichloromethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromoform | ND | | 2.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromomethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Carbon disulfide | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Carbon tetrachloride | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Chlorobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Chloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Chloroform | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Chloromethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Dibromochloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Dibromomethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Ethanol | ND | | 130 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Ethylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-15**
**Lab Sample ID: 570-62552-4**
**Date Collected: 06/23/21 07:48**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| m,p-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Methylene Chloride | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Naphthalene | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| n-Butylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| N-Propylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| o-Xylene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| p-Isopropyltoluene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| sec-Butylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Styrene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| tert-Butylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Tetrachloroethene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Toluene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Trichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Trichlorofluoromethane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Vinyl acetate | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Vinyl chloride | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Xylenes, Total | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 13:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:54* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 13:54* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:54* | *1* |

**Client Sample ID: LV-1-20**
**Lab Sample ID: 570-62552-5**
**Date Collected: 06/23/21 07:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-20**
**Lab Sample ID: 570-62552-5**
**Date Collected: 06/23/21 07:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 2,2-Dichloropropane | ND | | 5.3 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Acetone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromoform | ND | | 5.3 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 14:21* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 14:21* | *1* |
| *Dibromofluoromethane (Surr)* | *89* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 14:21* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 14:21* | *1* |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1-Dichloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1-Dichloroethene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dibromoethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dichloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dichloropropane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,3-Dichloropropane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 2,2-Dichloropropane | ND | | 4.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 2-Chlorotoluene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 4-Chlorotoluene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| **Acetone** | **20** | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| **Benzene** | **1.5** | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Bromobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Bromodichloromethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-1**
**Lab Sample ID: 570-62552-6**
**Date Collected: 06/23/21 08:49**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Carbon disulfide | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Carbon tetrachloride | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Chlorobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Chloroform | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Dibromomethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Ethylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Isopropylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Methylene Chloride | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Naphthalene | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| n-Butylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| o-Xylene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| p-Isopropyltoluene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| sec-Butylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Styrene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| tert-Butylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| **Tetrachloroethene** | **1.4** | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| **Toluene** | **1.1** | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Trichlorofluoromethane | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Vinyl acetate | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Vinyl chloride | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 14:47* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 14:47* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 14:47* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 14:47* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-5-5**
**Lab Sample ID: 570-62552-7**
**Date Collected: 06/23/21 08:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1-Dichloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1-Dichloroethene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dibromoethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dichloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dichloropropane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,3-Dichloropropane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 2,2-Dichloropropane | ND | | 4.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 2-Chlorotoluene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 4-Chlorotoluene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Acetone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Benzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromodichloromethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromoform | ND | | 4.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Carbon disulfide | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Carbon tetrachloride | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Chlorobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Chloroform | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Dibromomethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Ethylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-5**
**Lab Sample ID: 570-62552-7**
**Date Collected: 06/23/21 08:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Methylene Chloride | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Naphthalene | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| n-Butylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| o-Xylene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| p-Isopropyltoluene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| sec-Butylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Styrene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| tert-Butylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Tetrachloroethene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Toluene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Trichlorofluoromethane | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Vinyl acetate | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Vinyl chloride | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 15:13* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 15:13* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 15:13* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 15:13* | *1* |

**Client Sample ID: LV-5-10**
**Lab Sample ID: 570-62552-8**
**Date Collected: 06/23/21 09:00**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-10**
**Lab Sample ID: 570-62552-8**
**Date Collected: 06/23/21 09:00**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 2,2-Dichloropropane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromoform | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 15:39* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 15:39* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 15:39* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 15:39* | *1* |

**Client Sample ID: LV-5-10-DUP**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1-Dichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dibromoethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dichloropropane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,3-Dichloropropane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 2-Chlorotoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 4-Chlorotoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Benzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Bromobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Bromodichloromethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-10-DUP**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Carbon disulfide | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Carbon tetrachloride | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Chlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Chloroform | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Dibromomethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Ethanol | ND | | 240 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Ethylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Isopropylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Methylene Chloride | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Naphthalene | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| n-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| o-Xylene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| p-Isopropyltoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| sec-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Styrene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| tert-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Tetrachloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Toluene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Trichlorofluoromethane | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Vinyl acetate | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Vinyl chloride | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 16:05* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:05* | *1* |
| *Dibromofluoromethane (Surr)* | *95* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 16:05* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:05* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-5-15**
**Lab Sample ID: 570-62552-10**
**Date Collected: 06/23/21 09:10**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 2,2-Dichloropropane | ND | | 5.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Acetone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromoform | ND | | 5.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-15**
**Date Collected: 06/23/21 09:10**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 16:31* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:31* | *1* |
| *Dibromofluoromethane (Surr)* | *95* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 16:31* | *1* |
| *Toluene-d8 (Surr)* | *94* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:31* | *1* |

**Client Sample ID: LV-5-20**
**Date Collected: 06/23/21 09:14**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 2,2-Dichloropropane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromoform | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 16:57* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:57* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 16:57* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:57* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.097 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 11:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 11:40* | *1* |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.091 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 12:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 12:04* | *1* |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 12:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 12:28* | *1* |

**Client Sample ID: LV-1-15**
**Date Collected: 06/23/21 07:48**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 12:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 12:52* | *1* |

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 13:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 13:16* | *1* |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 13:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 13:40* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-5-5**
**Date Collected: 06/23/21 08:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.085 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 14:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 14:03* | *1* |

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 14:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 14:27* | *1* |

**Client Sample ID: LV-5-10-DUP**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.11 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 14:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 14:51* | *1* |

**Client Sample ID: LV-5-15**
**Date Collected: 06/23/21 09:10**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 15:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 15:15* | *1* |

**Client Sample ID: LV-5-20**
**Date Collected: 06/23/21 09:14**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 16:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 16:02* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 21:44 | 1 |
| C23-C40 | 5.7 | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 21:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *77* | | *60 - 138* | *06/28/21 13:41* | *06/28/21 21:44* | *1* |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:04 | 1 |
| C23-C40 | 6.1 | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/28/21 13:41* | *06/28/21 22:04* | *1* |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:24 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *77* | | *60 - 138* | *06/28/21 13:41* | *06/28/21 22:24* | *1* |

**Client Sample ID: LV-1-15**
**Date Collected: 06/23/21 07:48**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:44 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *76* | | *60 - 138* | *06/28/21 13:41* | *06/28/21 22:44* | *1* |

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:02 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *78* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 01:02* | *1* |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:22 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:22 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *75* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 01:22* | *1* |

**Client Sample ID: LV-5-5** — **Lab Sample ID: 570-62552-7**
**Date Collected: 06/23/21 08:53** — **Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:41 | 1 |
| **C23-C40** | **7.0** | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:41 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *80* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 01:41* | *1* |

**Client Sample ID: LV-5-10** — **Lab Sample ID: 570-62552-8**
**Date Collected: 06/23/21 09:00** — **Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:01 | 1 |
| **C23-C40** | **8.9** | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *76* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 02:01* | *1* |

**Client Sample ID: LV-5-15** — **Lab Sample ID: 570-62552-10**
**Date Collected: 06/23/21 09:10** — **Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:20 | 1 |
| **C23-C40** | **12** | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:20 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *80* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 02:20* | *1* |

**Client Sample ID: LV-5-20** — **Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14** — **Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **7.4** | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:40 | 1 |
| **C23-C40** | **22** | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:40 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *77* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 02:40* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1221 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1232 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1242 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1248 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1254 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1260 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1262 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1268 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *89* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 15:09* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *93* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 15:09* | *1* |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 15:27* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *96* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 15:27* | *1* |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *89* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 15:45* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *99* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 15:45* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-1-15**
**Date Collected: 06/23/21 07:48**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *80* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 16:03* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *88* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 16:03* | *1* |

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 16:20* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *91* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 16:20* | *1* |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 16:38* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *77* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 16:38* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-5-5**
**Date Collected: 06/23/21 08:53**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 16:56* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *90* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 16:56* | *1* |

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 17:14* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *93* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 17:14* | *1* |

**Client Sample ID: LV-5-15**
**Date Collected: 06/23/21 09:10**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 17:32* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *94* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 17:32* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 17:50* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *92* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 17:50* | *1* |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Barium** | **27.8** | **F1** | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Cobalt | ND | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Chromium** | **1.84** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Copper** | **3.40** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Molybdenum | ND | F1 | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Nickel** | **0.491** | **F1** | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Antimony | ND | F1 | 2.91 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Selenium | ND | F1 | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Vanadium** | **11.1** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Zinc | ND | F1 | 9.71 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Arsenic** | **2.71** | | 2.48 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Barium** | **47.8** | | 0.495 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Beryllium | ND | | 0.248 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Cadmium | ND | | 0.495 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Cobalt** | **1.80** | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Chromium** | **4.06** | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Copper** | **3.18** | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Molybdenum | ND | | 0.495 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Nickel** | **11.5** | | 0.495 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Antimony | ND | | 2.97 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Selenium | ND | | 4.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Thallium | ND | | 4.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Vanadium** | **4.21** | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Zinc | ND | | 9.90 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Lead | ND | | 4.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Arsenic** | **3.54** | | 2.49 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Barium** | **187** | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Beryllium** | **0.436** | | 0.249 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Cobalt** | **5.39** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Chromium** | **10.7** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Copper** | **14.5** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-1-10**
**Lab Sample ID: 570-62552-3**
**Date Collected: 06/23/21 07:42**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Nickel** | **24.4** | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Vanadium** | **16.3** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Zinc** | **19.3** | | 9.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Lead** | **12.1** | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |

**Client Sample ID: LV-1-15**
**Lab Sample ID: 570-62552-4**
**Date Collected: 06/23/21 07:48**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Arsenic** | **4.09** | | 2.50 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Barium** | **252** | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Beryllium** | **0.606** | | 0.250 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Cobalt** | **7.74** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Chromium** | **16.1** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Copper** | **17.7** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Nickel** | **32.4** | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Vanadium** | **23.4** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Zinc** | **23.0** | | 10.0 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Lead** | **5.23** | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |

**Client Sample ID: LV-1-20**
**Lab Sample ID: 570-62552-5**
**Date Collected: 06/23/21 07:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Arsenic** | **2.55** | | 2.43 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Barium** | **41.2** | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Cobalt** | **1.48** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Chromium** | **2.68** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Copper** | **3.82** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Nickel** | **6.30** | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Vanadium** | **4.22** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Zinc | ND | | 9.71 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Arsenic** | **3.40** | | 2.45 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Barium** | **109** | | 0.490 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Beryllium** | **0.290** | | 0.245 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Cadmium | ND | | 0.490 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Cobalt** | **3.62** | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Chromium** | **7.10** | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Copper** | **7.97** | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Molybdenum | ND | | 0.490 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Nickel** | **15.3** | | 0.490 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Antimony | ND | | 2.94 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Selenium | ND | | 4.90 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Thallium | ND | | 4.90 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Vanadium** | **9.24** | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Zinc** | **13.2** | | 9.80 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Lead** | **7.28** | | 4.90 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |

**Client Sample ID: LV-5-5**
**Date Collected: 06/23/21 08:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Arsenic | ND | | 2.49 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Barium** | **84.4** | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Beryllium | ND | | 0.249 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Cobalt** | **2.90** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Chromium** | **6.35** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Copper** | **7.41** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Nickel** | **14.7** | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Vanadium** | **8.63** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Zinc** | **12.7** | | 9.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Lead** | **6.94** | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Arsenic** | **3.51** | | 2.46 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Barium** | **93.7** | | 0.493 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Beryllium** | **0.250** | | 0.246 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Cobalt** | **3.13** | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Chromium** | **6.69** | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Copper** | **8.33** | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-5-10**
**Lab Sample ID: 570-62552-8**
**Date Collected: 06/23/21 09:00**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Nickel** | **14.3** | | 0.493 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Vanadium** | **8.68** | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Zinc** | **13.3** | | 9.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Lead** | **17.5** | | 4.93 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |

**Client Sample ID: LV-5-15**
**Lab Sample ID: 570-62552-10**
**Date Collected: 06/23/21 09:10**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Arsenic** | **2.80** | | 2.50 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Barium** | **166** | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Beryllium** | **0.365** | | 0.250 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Cobalt** | **4.13** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Chromium** | **7.52** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Copper** | **9.91** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Nickel** | **18.6** | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Vanadium** | **9.90** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Zinc** | **12.7** | | 10.0 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Lead** | **7.63** | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Arsenic** | **4.18** | | 2.58 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Barium** | **106** | | 0.515 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Beryllium** | **0.269** | | 0.258 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Cobalt** | **3.32** | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Chromium** | **6.27** | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Copper** | **9.47** | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Nickel** | **13.8** | | 0.515 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Vanadium** | **9.83** | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Zinc** | **13.3** | | 10.3 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Lead** | **13.6** | | 5.15 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.190** | | 0.0877 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:14 | 1 |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:20 | 1 |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.241** | | 0.0794 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:22 | 1 |

**Client Sample ID: LV-1-15**
**Date Collected: 06/23/21 07:48**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:23 | 1 |

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.112** | | 0.0877 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:25 | 1 |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:31 | 1 |

**Client Sample ID: LV-5-5**
**Date Collected: 06/23/21 08:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:33 | 1 |

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0850** | | 0.0833 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:34 | 1 |

**Client Sample ID: LV-5-15**
**Date Collected: 06/23/21 09:10**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.114** | | 0.0794 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:36 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.0855 | | 0.0820 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:38 | 1 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62552-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-142) | (80-120) | (80-123) | (80-120) |
| 570-62552-1 | LV-1-1 | 106 | 101 | 99 | 97 |
| 570-62552-2 | LV-1-5 | 103 | 100 | 96 | 97 |
| 570-62552-3 | LV-1-10 | 96 | 100 | 90 | 95 |
| 570-62552-4 | LV-1-15 | 107 | 102 | 100 | 97 |
| 570-62552-5 | LV-1-20 | 97 | 101 | 89 | 96 |
| 570-62552-6 | LV-5-1 | 105 | 101 | 97 | 96 |
| 570-62552-7 | LV-5-5 | 103 | 102 | 97 | 97 |
| 570-62552-8 | LV-5-10 | 104 | 100 | 97 | 96 |
| 570-62552-9 | LV-5-10-DUP | 103 | 100 | 95 | 98 |
| 570-62552-10 | LV-5-15 | 100 | 98 | 95 | 94 |
| 570-62552-11 | LV-5-20 | 104 | 100 | 97 | 96 |
| LCS 570-159773/3 | Lab Control Sample | 93 | 101 | 92 | 96 |
| LCSD 570-159773/4 | Lab Control Sample Dup | 95 | 99 | 94 | 95 |
| MB 570-159773/6 | Method Blank | 96 | 100 | 94 | 95 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8015B - Gasoline Range Organics - (GC)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| | | BFB1 |
| Lab Sample ID | Client Sample ID | (42-126) |
| 570-62552-1 | LV-1-1 | 90 |
| 570-62552-2 | LV-1-5 | 103 |
| 570-62552-3 | LV-1-10 | 99 |
| 570-62552-4 | LV-1-15 | 99 |
| 570-62552-5 | LV-1-20 | 95 |
| 570-62552-6 | LV-5-1 | 83 |
| 570-62552-7 | LV-5-5 | 98 |
| 570-62552-8 | LV-5-10 | 98 |
| 570-62552-9 | LV-5-10-DUP | 94 |
| 570-62552-10 | LV-5-15 | 99 |
| 570-62552-11 | LV-5-20 | 94 |
| LCS 570-160174/3 | Lab Control Sample | 94 |
| LCSD 570-160174/4 | Lab Control Sample Dup | 103 |
| MB 570-160174/5 | Method Blank | 93 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | OTCSN1 | | | | | | | | |
| Lab Sample ID | Client Sample ID | (60-138) | | | | | | | | |
| 570-62552-1 | LV-1-1 | 77 | | | | | | | | |
| 570-62552-2 | LV-1-5 | 82 | | | | | | | | |
| 570-62552-3 | LV-1-10 | 77 | | | | | | | | |
| 570-62552-4 | LV-1-15 | 76 | | | | | | | | |
| 570-62552-5 | LV-1-20 | 78 | | | | | | | | |
| 570-62552-6 | LV-5-1 | 75 | | | | | | | | |
| 570-62552-7 | LV-5-5 | 80 | | | | | | | | |
| 570-62552-8 | LV-5-10 | 76 | | | | | | | | |
| 570-62552-10 | LV-5-15 | 80 | | | | | | | | |
| 570-62552-11 | LV-5-20 | 77 | | | | | | | | |
| LCS 570-160306/2-A | Lab Control Sample | 87 | | | | | | | | |
| LCSD 570-160306/3-A | Lab Control Sample Dup | 87 | | | | | | | | |
| MB 570-160306/1-A | Method Blank | 86 | | | | | | | | |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | TCX1 | DCB1 | | | | | | | |
| Lab Sample ID | Client Sample ID | (25-126) | (20-155) | | | | | | | |
| 570-62552-1 | LV-1-1 | 89 | 93 | | | | | | | |
| 570-62552-2 | LV-1-5 | 85 | 96 | | | | | | | |
| 570-62552-3 | LV-1-10 | 89 | 99 | | | | | | | |
| 570-62552-4 | LV-1-15 | 80 | 88 | | | | | | | |
| 570-62552-5 | LV-1-20 | 81 | 91 | | | | | | | |
| 570-62552-6 | LV-5-1 | 72 | 77 | | | | | | | |
| 570-62552-7 | LV-5-5 | 82 | 90 | | | | | | | |
| 570-62552-8 | LV-5-10 | 82 | 93 | | | | | | | |
| 570-62552-10 | LV-5-15 | 83 | 94 | | | | | | | |
| 570-62552-11 | LV-5-20 | 81 | 92 | | | | | | | |
| 570-62552-11 MS | LV-5-20 | 81 | 89 | | | | | | | |
| 570-62552-11 MSD | LV-5-20 | 96 | 105 | | | | | | | |
| LCS 570-159524/2-A | Lab Control Sample | 103 | 107 | | | | | | | |
| LCSD 570-159524/3-A | Lab Control Sample Dup | 104 | 111 | | | | | | | |
| MB 570-159524/1-A | Method Blank | 101 | 107 | | | | | | | |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-159773/6**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159773/6**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *80 - 142* | | *06/25/21 10:28* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | | *06/25/21 10:28* | *1* |
| *Dibromofluoromethane (Surr)* | *94* | | *80 - 123* | | *06/25/21 10:28* | *1* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* | | *06/25/21 10:28* | *1* |

**Lab Sample ID: LCS 570-159773/3**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 45.91 | | ug/Kg | | 92 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 57.28 | | ug/Kg | | 115 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 52.66 | | ug/Kg | | 105 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 52.28 | | ug/Kg | | 105 | 80 - 125 | | |
| Benzene | | | 50.0 | 44.94 | | ug/Kg | | 90 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 47.22 | | ug/Kg | | 94 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 53.01 | | ug/Kg | | 106 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.91 | | ug/Kg | | 92 | 62 - 128 | | |
| Ethanol | | | 500 | 516.3 | | ug/Kg | | 103 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 53.55 | | ug/Kg | | 107 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 46.98 | | ug/Kg | | 94 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 108.2 | | ug/Kg | | 108 | 79 - 120 | | |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159773/3**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 44.56 | | ug/Kg | | 89 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 54.41 | | ug/Kg | | 109 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *93* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *92* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159773/4**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.60 | | ug/Kg | | 95 | 67 - 122 | 4 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 58.83 | | ug/Kg | | 118 | 80 - 123 | 3 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 54.61 | | ug/Kg | | 109 | 80 - 120 | 4 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 54.44 | | ug/Kg | | 109 | 80 - 125 | 4 | 20 |
| Benzene | | | 50.0 | 46.78 | | ug/Kg | | 94 | 79 - 120 | 4 | 20 |
| Carbon tetrachloride | | | 50.0 | 48.73 | | ug/Kg | | 97 | 69 - 132 | 3 | 20 |
| Chlorobenzene | | | 50.0 | 54.89 | | ug/Kg | | 110 | 80 - 120 | 3 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 47.66 | | ug/Kg | | 95 | 62 - 128 | 4 | 20 |
| Ethanol | | | 500 | 513.1 | | ug/Kg | | 103 | 48 - 151 | 1 | 29 |
| Ethylbenzene | | | 50.0 | 55.20 | | ug/Kg | | 110 | 80 - 120 | 3 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 48.91 | | ug/Kg | | 98 | 66 - 123 | 4 | 20 |
| m,p-Xylene | | | 100 | 112.0 | | ug/Kg | | 112 | 79 - 120 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 48.31 | | ug/Kg | | 97 | 68 - 120 | 8 | 20 |
| o-Xylene | | | 50.0 | 56.77 | | ug/Kg | | 114 | 79 - 120 | 4 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *94* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-160174/5**
**Matrix: Solid**
**Analysis Batch: 160174**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/28/21 10:52 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* | | *06/28/21 10:52* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: LCS 570-160174/3**
**Matrix: Solid**
**Analysis Batch: 160174**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.085 | | mg/Kg | | 98 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

**Lab Sample ID: LCSD 570-160174/4**
**Matrix: Solid**
**Analysis Batch: 160174**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.135 | | mg/Kg | | 101 | 70 - 124 | 2 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *42 - 126* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-160306/1-A**
**Matrix: Solid**
**Analysis Batch: 160222**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 160306**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 11:51 | 06/28/21 12:07 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/28/21 11:51 | 06/28/21 12:07 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *86* | | *60 - 138* | *06/28/21 11:51* | *06/28/21 12:07* | *1* |

**Lab Sample ID: LCS 570-160306/2-A**
**Matrix: Solid**
**Analysis Batch: 160222**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 160306**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 417.5 | | mg/Kg | | 104 | 80 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *87* | | *60 - 138* |

**Lab Sample ID: LCSD 570-160306/3-A**
**Matrix: Solid**
**Analysis Batch: 160222**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 160306**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 417.6 | | mg/Kg | | 104 | 80 - 130 | 0 | 20 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCSD 570-160306/3-A**
**Matrix: Solid**
**Analysis Batch: 160222**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 160306**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 87 | | 60 - 138 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-159524/1-A**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 101 | | 25 - 126 | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| DCB Decachlorobiphenyl (Surr) | 107 | | 20 - 155 | 06/24/21 11:04 | 06/26/21 10:49 | 1 |

**Lab Sample ID: LCS 570-159524/2-A**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 101.1 | | ug/Kg | | 101 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 100.5 | | ug/Kg | | 101 | 50 - 150 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 103 | | 25 - 126 |
| DCB Decachlorobiphenyl (Surr) | 107 | | 20 - 155 |

**Lab Sample ID: LCSD 570-159524/3-A**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 99.89 | | ug/Kg | | 100 | 50 - 142 | 1 | 30 |
| Aroclor-1260 | | | 100 | 105.3 | | ug/Kg | | 105 | 50 - 150 | 5 | 30 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 104 | | 25 - 126 |
| DCB Decachlorobiphenyl (Surr) | 111 | | 20 - 155 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-62552-11 MS**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: LV-5-20**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 98.5 | 99.42 | | ug/Kg | | 101 | 20 - 175 |
| Aroclor-1260 | ND | | 98.5 | 84.62 | | ug/Kg | | 86 | 20 - 180 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *89* | | *20 - 155* |

**Lab Sample ID: 570-62552-11 MSD**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: LV-5-20**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 100 | 93.86 | | ug/Kg | | 93 | 20 - 175 | 6 | 40 |
| Aroclor-1260 | ND | | 100 | 101.4 | | ug/Kg | | 101 | 20 - 180 | 18 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *96* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *105* | | *20 - 155* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-160342/1-A**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Arsenic | ND | | 2.49 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Barium | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Beryllium | ND | | 0.249 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Cobalt | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Chromium | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Copper | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Nickel | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Vanadium | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Zinc | ND | | 9.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Lead | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-160342/2-A**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Silver | 12.3 | 11.97 | | mg/Kg | | 97 | 80 - 120 |
| Arsenic | 24.6 | 25.27 | | mg/Kg | | 103 | 80 - 120 |
| Barium | 24.6 | 28.93 | | mg/Kg | | 117 | 80 - 120 |
| Beryllium | 24.6 | 25.70 | | mg/Kg | | 104 | 80 - 120 |
| Cadmium | 24.6 | 26.57 | | mg/Kg | | 108 | 80 - 120 |
| Cobalt | 24.6 | 26.71 | | mg/Kg | | 108 | 80 - 120 |
| Chromium | 24.6 | 27.42 | | mg/Kg | | 111 | 80 - 120 |
| Copper | 24.6 | 29.51 | | mg/Kg | | 120 | 80 - 120 |
| Molybdenum | 24.6 | 25.04 | | mg/Kg | | 102 | 80 - 120 |
| Nickel | 24.6 | 28.34 | | mg/Kg | | 115 | 80 - 120 |
| Antimony | 24.6 | 25.40 | | mg/Kg | | 103 | 80 - 120 |
| Selenium | 24.6 | 25.33 | | mg/Kg | | 103 | 80 - 120 |
| Thallium | 24.6 | 24.57 | | mg/Kg | | 100 | 80 - 120 |
| Vanadium | 24.6 | 27.63 | | mg/Kg | | 112 | 80 - 120 |
| Zinc | 24.6 | 26.43 | | mg/Kg | | 107 | 80 - 120 |
| Lead | 24.6 | 25.83 | | mg/Kg | | 105 | 80 - 120 |

**Lab Sample ID: LCSD 570-160342/3-A**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Silver | 12.4 | 12.07 | | mg/Kg | | 98 | 80 - 120 | 1 | 20 |
| Arsenic | 24.8 | 25.07 | | mg/Kg | | 101 | 80 - 120 | 1 | 20 |
| Barium | 24.8 | 29.12 | | mg/Kg | | 118 | 80 - 120 | 1 | 20 |
| Beryllium | 24.8 | 26.14 | | mg/Kg | | 106 | 80 - 120 | 2 | 20 |
| Cadmium | 24.8 | 26.63 | | mg/Kg | | 108 | 80 - 120 | 0 | 20 |
| Cobalt | 24.8 | 26.72 | | mg/Kg | | 108 | 80 - 120 | 0 | 20 |
| Chromium | 24.8 | 27.62 | | mg/Kg | | 112 | 80 - 120 | 1 | 20 |
| Copper | 24.8 | 29.71 | | mg/Kg | | 120 | 80 - 120 | 1 | 20 |
| Molybdenum | 24.8 | 25.54 | | mg/Kg | | 103 | 80 - 120 | 2 | 20 |
| Nickel | 24.8 | 28.33 | | mg/Kg | | 114 | 80 - 120 | 0 | 20 |
| Antimony | 24.8 | 25.67 | | mg/Kg | | 104 | 80 - 120 | 1 | 20 |
| Selenium | 24.8 | 25.75 | | mg/Kg | | 104 | 80 - 120 | 2 | 20 |
| Thallium | 24.8 | 24.74 | | mg/Kg | | 100 | 80 - 120 | 1 | 20 |
| Vanadium | 24.8 | 27.78 | | mg/Kg | | 112 | 80 - 120 | 1 | 20 |
| Zinc | 24.8 | 26.39 | | mg/Kg | | 107 | 80 - 120 | 0 | 20 |
| Lead | 24.8 | 25.66 | | mg/Kg | | 104 | 80 - 120 | 1 | 20 |

**Lab Sample ID: 570-62552-1 MS**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: LV-1-1**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 12.0 | 1.594 | F1 | mg/Kg | | 13 | 75 - 125 |
| Arsenic | ND | | 24.0 | 23.27 | | mg/Kg | | 97 | 75 - 125 |
| Barium | 27.8 | F1 | 24.0 | 114.8 | F1 | mg/Kg | | 362 | 75 - 125 |
| Beryllium | ND | | 24.0 | 23.58 | | mg/Kg | | 98 | 75 - 125 |
| Cadmium | ND | | 24.0 | 22.74 | | mg/Kg | | 95 | 75 - 125 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62552-1 MS**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: LV-1-1**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Cobalt | ND | | 24.0 | 25.53 | | mg/Kg | | 104 | 75 - 125 |
| Chromium | 1.84 | | 24.0 | 30.32 | | mg/Kg | | 118 | 75 - 125 |
| Copper | 3.40 | | 24.0 | 29.40 | | mg/Kg | | 108 | 75 - 125 |
| Molybdenum | ND | F1 | 24.0 | 16.03 | F1 | mg/Kg | | 67 | 75 - 125 |
| Nickel | 0.491 | F1 | 24.0 | 37.22 | F1 | mg/Kg | | 153 | 75 - 125 |
| Antimony | ND | F1 | 24.0 | 5.159 | F1 | mg/Kg | | 21 | 75 - 125 |
| Selenium | ND | F1 | 24.0 | 12.25 | F1 | mg/Kg | | 51 | 75 - 125 |
| Thallium | ND | | 24.0 | 20.34 | | mg/Kg | | 85 | 75 - 125 |
| Vanadium | 11.1 | | 24.0 | 32.36 | | mg/Kg | | 88 | 75 - 125 |
| Zinc | ND | F1 | 24.0 | 32.71 | F1 | mg/Kg | | 136 | 75 - 125 |
| Lead | ND | | 24.0 | 26.85 | | mg/Kg | | 96 | 75 - 125 |

**Lab Sample ID: 570-62552-1 MSD**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: LV-1-1**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 12.2 | 1.650 | F1 | mg/Kg | | 14 | 75 - 125 | 3 | 20 |
| Arsenic | ND | | 24.4 | 23.56 | | mg/Kg | | 97 | 75 - 125 | 1 | 20 |
| Barium | 27.8 | F1 | 24.4 | 116.3 | F1 | mg/Kg | | 363 | 75 - 125 | 1 | 20 |
| Beryllium | ND | | 24.4 | 23.67 | | mg/Kg | | 97 | 75 - 125 | 0 | 20 |
| Cadmium | ND | | 24.4 | 22.79 | | mg/Kg | | 93 | 75 - 125 | 0 | 20 |
| Cobalt | ND | | 24.4 | 25.72 | | mg/Kg | | 103 | 75 - 125 | 1 | 20 |
| Chromium | 1.84 | | 24.4 | 30.83 | | mg/Kg | | 119 | 75 - 125 | 2 | 20 |
| Copper | 3.40 | | 24.4 | 30.08 | | mg/Kg | | 109 | 75 - 125 | 2 | 20 |
| Molybdenum | ND | F1 | 24.4 | 15.80 | F1 | mg/Kg | | 65 | 75 - 125 | 1 | 20 |
| Nickel | 0.491 | F1 | 24.4 | 37.71 | F1 | mg/Kg | | 153 | 75 - 125 | 1 | 20 |
| Antimony | ND | F1 | 24.4 | 5.297 | F1 | mg/Kg | | 22 | 75 - 125 | 3 | 20 |
| Selenium | ND | F1 | 24.4 | 13.40 | F1 | mg/Kg | | 55 | 75 - 125 | 9 | 20 |
| Thallium | ND | | 24.4 | 21.35 | | mg/Kg | | 88 | 75 - 125 | 5 | 20 |
| Vanadium | 11.1 | | 24.4 | 32.86 | | mg/Kg | | 89 | 75 - 125 | 2 | 20 |
| Zinc | ND | F1 | 24.4 | 33.14 | F1 | mg/Kg | | 136 | 75 - 125 | 1 | 20 |
| Lead | ND | | 24.4 | 26.36 | | mg/Kg | | 93 | 75 - 125 | 2 | 20 |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-160346/1-A**
**Matrix: Solid**
**Analysis Batch: 160679**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 160346**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:09 | 1 |

**Lab Sample ID: LCS 570-160346/2-A**
**Matrix: Solid**
**Analysis Batch: 160679**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 160346**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.833 | 0.8254 | | mg/Kg | | 99 | 85 - 121 |

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCSD 570-160346/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 160679**
**Prep Batch: 160346**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.847 | 0.8693 | | mg/Kg | | 103 | 85 - 121 | 5 | 10 |

**Lab Sample ID: 570-62552-1 MS**
**Client Sample ID: LV-1-1**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 160679**
**Prep Batch: 160346**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.190 | | 0.862 | 1.052 | | mg/Kg | | 100 | 71 - 137 | | |

**Lab Sample ID: 570-62552-1 MSD**
**Client Sample ID: LV-1-1**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 160679**
**Prep Batch: 160346**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.190 | | 0.820 | 1.126 | | mg/Kg | | 114 | 71 - 137 | 7 | 14 |

## GC/MS VOA

### Prep Batch: 159378

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 5035 | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 5035 | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 5035 | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 5035 | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 5035 | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 5035 | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 5035 | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 5035 | |
| 570-62552-9 | LV-5-10-DUP | Total/NA | Solid | 5035 | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 5035 | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159773

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-9 | LV-5-10-DUP | Total/NA | Solid | 8260B | 159378 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 8260B | 159378 |
| MB 570-159773/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159773/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159773/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

## GC VOA

### Prep Batch: 159378

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 5035 | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 5035 | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 5035 | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 5035 | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 5035 | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 5035 | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 5035 | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 5035 | |
| 570-62552-9 | LV-5-10-DUP | Total/NA | Solid | 5035 | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 5035 | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 5035 | |

### Analysis Batch: 160174

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 8015B | 159378 |

## GC VOA (Continued)

### Analysis Batch: 160174 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-9 | LV-5-10-DUP | Total/NA | Solid | 8015B | 159378 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 8015B | 159378 |
| MB 570-160174/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-160174/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-160174/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC Semi VOA

### Prep Batch: 159524

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 3546 | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 3546 | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 3546 | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 3546 | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 3546 | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 3546 | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 3546 | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 3546 | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 3546 | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 3546 | |
| MB 570-159524/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-159524/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-159524/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62552-11 MS | LV-5-20 | Total/NA | Solid | 3546 | |
| 570-62552-11 MSD | LV-5-20 | Total/NA | Solid | 3546 | |

### Analysis Batch: 159953

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 8082 | 159524 |
| MB 570-159524/1-A | Method Blank | Total/NA | Solid | 8082 | 159524 |
| LCS 570-159524/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 159524 |
| LCSD 570-159524/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 159524 |
| 570-62552-11 MS | LV-5-20 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-11 MSD | LV-5-20 | Total/NA | Solid | 8082 | 159524 |

## GC Semi VOA

### Analysis Batch: 160222

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 570-160306/1-A | Method Blank | Total/NA | Solid | 8015B | 160306 |
| LCS 570-160306/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 160306 |
| LCSD 570-160306/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 160306 |

### Analysis Batch: 160223

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 8015B | 160306 |

### Prep Batch: 160306

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 3550C | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 3550C | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 3550C | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 3550C | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 3550C | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 3550C | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 3550C | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 3550C | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 3550C | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 3550C | |
| MB 570-160306/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-160306/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-160306/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |

## Metals

### Prep Batch: 160342

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 3050B | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 3050B | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 3050B | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 3050B | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 3050B | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 3050B | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 3050B | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 3050B | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 3050B | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 3050B | |
| MB 570-160342/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-160342/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-160342/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62552-1 MS | LV-1-1 | Total/NA | Solid | 3050B | |

## Metals (Continued)

### Prep Batch: 160342 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 MSD | LV-1-1 | Total/NA | Solid | 3050B | |

### Prep Batch: 160346

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 7471A | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 7471A | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 7471A | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 7471A | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 7471A | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 7471A | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 7471A | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 7471A | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 7471A | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 7471A | |
| MB 570-160346/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-160346/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-160346/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62552-1 MS | LV-1-1 | Total/NA | Solid | 7471A | |
| 570-62552-1 MSD | LV-1-1 | Total/NA | Solid | 7471A | |

### Analysis Batch: 160675

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 6010B | 160342 |
| MB 570-160342/1-A | Method Blank | Total/NA | Solid | 6010B | 160342 |
| LCS 570-160342/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 160342 |
| LCSD 570-160342/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 160342 |
| 570-62552-1 MS | LV-1-1 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-1 MSD | LV-1-1 | Total/NA | Solid | 6010B | 160342 |

### Analysis Batch: 160679

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 7471A | 160346 |
| MB 570-160346/1-A | Method Blank | Total/NA | Solid | 7471A | 160346 |

## Metals (Continued)

### Analysis Batch: 160679 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 570-160346/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 160346 |
| LCSD 570-160346/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 160346 |
| 570-62552-1 MS | LV-1-1 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-1 MSD | LV-1-1 | Total/NA | Solid | 7471A | 160346 |

# Lab Chronicle

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-1-1
**Lab Sample ID: 570-62552-1**
**Date Collected: 06/23/21 07:29**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.276 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 12:36 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.171 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 11:40 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.15 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 21:44 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.79 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159953 | 06/26/21 15:09 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 17:48 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:14 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-1-5
**Lab Sample ID: 570-62552-2**
**Date Collected: 06/23/21 07:36**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.418 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 13:02 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.465 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 12:04 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.93 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 22:04 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.02 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 15:27 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.02 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:38 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:20 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-1-10

**Lab Sample ID: 570-62552-3**

**Date Collected: 06/23/21 07:42**

**Matrix: Solid**

**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.055 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 13:28 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.049 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 12:28 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.02 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 22:24 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.97 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 15:45 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:40 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:22 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-1-15

**Lab Sample ID: 570-62552-4**

**Date Collected: 06/23/21 07:48**

**Matrix: Solid**

**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 9.816 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 13:54 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.909 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 12:52 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.97 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 22:44 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.25 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 16:03 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:42 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:23 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-1-20
**Lab Sample ID: 570-62552-5**

**Date Collected: 06/23/21 07:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.724 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 14:21 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.838 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 13:16 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.04 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 01:02 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.20 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 16:20 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:44 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:25 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-5-1
**Lab Sample ID: 570-62552-6**

**Date Collected: 06/23/21 08:49**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.943 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 14:47 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.453 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 13:40 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.12 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 01:22 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.21 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 16:38 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.04 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:46 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:31 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-5-5
**Lab Sample ID: 570-62552-7**

**Date Collected: 06/23/21 08:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.9 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 15:13 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.87 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 14:03 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.04 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 01:41 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.20 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 16:56 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:48 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:33 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-5-10
**Lab Sample ID: 570-62552-8**

**Date Collected: 06/23/21 09:00**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.884 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 15:39 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.88 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 14:27 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.14 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 02:01 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.20 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 17:14 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:50 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:34 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-5-10-DUP
**Lab Sample ID: 570-62552-9**
**Date Collected: 06/23/21 09:00**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.134 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 16:05 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.742 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 14:51 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |

## Client Sample ID: LV-5-15
**Lab Sample ID: 570-62552-10**
**Date Collected: 06/23/21 09:10**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.795 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 16:31 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.901 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 15:15 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.04 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 02:20 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.11 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 17:32 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:52 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:36 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-5-20
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.886 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 16:57 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.865 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 16:02 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.92 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 02:40 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.00 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 17:50 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:54 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:38 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | ECL 2 |
| 8015B | Gasoline Range Organics - (GC) | SW846 | ECL 2 |
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | ECL 1 |
| 8082 | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 7471A | Mercury (CVAA) | SW846 | ECL 1 |
| 3050B | Preparation, Metals | SW846 | ECL 1 |
| 3546 | Microwave Extraction | SW846 | ECL 1 |
| 3550C | Ultrasonic Extraction | SW846 | ECL 1 |
| 5035 | Closed System Purge and Trap | SW846 | ECL 2 |
| 7471A | Preparation, Mercury | SW846 | ECL 1 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Solid | 06/23/21 07:29 | 06/23/21 11:22 | |
| 570-62552-2 | LV-1-5 | Solid | 06/23/21 07:36 | 06/23/21 11:22 | |
| 570-62552-3 | LV-1-10 | Solid | 06/23/21 07:42 | 06/23/21 11:22 | |
| 570-62552-4 | LV-1-15 | Solid | 06/23/21 07:48 | 06/23/21 11:22 | |
| 570-62552-5 | LV-1-20 | Solid | 06/23/21 07:53 | 06/23/21 11:22 | |
| 570-62552-6 | LV-5-1 | Solid | 06/23/21 08:49 | 06/23/21 11:22 | |
| 570-62552-7 | LV-5-5 | Solid | 06/23/21 08:53 | 06/23/21 11:22 | |
| 570-62552-8 | LV-5-10 | Solid | 06/23/21 09:00 | 06/23/21 11:22 | |
| 570-62552-9 | LV-5-10-DUP | Solid | 06/23/21 09:00 | 06/23/21 11:22 | |
| 570-62552-10 | LV-5-15 | Solid | 06/23/21 09:10 | 06/23/21 11:22 | |
| 570-62552-11 | LV-5-20 | Solid | 06/23/21 09:14 | 06/23/21 11:22 | |

62552

eurofins

Calscience

570-62552 Chain of Custody

# CHAIN OF CUSTODY RECORD

DATE 6-23-2021

PAGE 1 OF 2

7440 Lincoln Way Garden Grove CA 92841 1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

LABORATORY CLIENT: Robin Ferber Leighton Consulting Inc.

ADDRESS: 17781 Cowan

CITY: Irvine STATE: CA ZIP: 92614

TEL: (949) 681-4276 E-MAIL: rferber@leightongroup.com

CLIENT PROJECT NAME / NUMBER: Rosemead Holding LLC / 13111.001

PO NO:

PROJECT CONTACT: Robin Ferber

SAMPLER(S) (PRINT): Marius Vilkas

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS: STANDARD, 5-day TAT

## REQUESTED ANALYSES

Please check box or fill in blank as needed

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO OF CONT | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☒ GRO (8015B / 5035) | ☐ TPH(d) ☒ DRO + ORO (8015B) | TPH ☐ C6-C36 ☐ C6-C44 | TPH ____ | BTEX / MTBE ☐ 8260 ☐ ____ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☒ 6010/747X (6010B) ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Mercury (7471A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LV-1-1 | 6/23/21 | 0729 | S | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 2 | LV-1-5 | | 0736 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 3 | LV-1-10 | | 0742 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 4 | LV-1-25 | | 0748 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 5 | LV-1-20 | | 0753 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 6 | LV-5-1 | | 0849 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 7 | LV-5-5 | | 0853 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 8 | LV-5-10 | | 0900 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 9 | LV-5-10-DUP | | 0900 | | 5 | | | | X | | | | | X | X | | | | | | | |
| 10 | LV-5-15 | ↓ | 0910 | ↓ | 6 | | | | X | X | | | | X | X | | | | X | | X | X |

| | | | |
|---|---|---|---|
| Relinquished by (Signature) Marius Vilkas Leighton Consulting | Received by (Signature/Affiliation) RM / GC | Date 6-23-21 | Time 1036 |
| Relinquished by (Signature) RM | Received by (Signature/Affiliation) | Date 6/23/21 | Time 1122 |
| Relinquished by (Signature) | Received by (Signature/Affiliation) | Date | Time |



6/30/2021

62552

eurofins

Calscience

# CHAIN OF CUSTODY RECORD

DATE 6-23-21

PAGE 2 OF 2

7440 Lincoln Way Garden Grove CA 92841 1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us.

LABORATORY CLIENT

ADDRESS See Page 1

CITY STATE ZIP

TEL. E-MAIL

CLIENT PROJECT NAME NUMBER See page 1

PROJECT CONTACT

P O NO

SAMPLER(S) (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAYS ☐ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS

5-day TAT

## REQUESTED ANALYSES

Please check box or fill in blank as needed

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO OF CONT | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☑ GRO (8015B) (5035) | ☐ TPH(d) ☑ DRO + ORO (8015B) | TPH ☐ C6-C36 ☐ C6-C44 | TPH _____ | BTEX / MTBE ☐ 8260 ☐ _____ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☑ 6010/747X (6010B) ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6 | Mercury (7471A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | LV-5-20 | 6-23-21 | 0914 | S | 6 | | | | X | X | | | | X | X | | | | X | | X | | X |

Relinquished by (Signature) Marius Vikas Leighton Consulting

Relinquished by (Signature)

Relinquished by (Signature)

Received by (Signature/Affiliation) E C

Received by (Signature/Affiliation)

Received by (Signature/Affiliation)

Date 6-23-21 Time 1036

Date 6/23/21 Time 1122

Date Time

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62552-1

**Login Number: 62552**

**List Source: Eurofins Calscience LLC**

**List Number: 1**

**Creator: Patel, Jayesh**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

H&P Mobile Geochemistry Inc.

06 July 2021

Mr. Robin Ferber
Leighton Consulting, Inc. - Santa Clarita
26074 Ave Hall, Ste 21
Santa Clarita, CA 91355

H&P Project: LC062821-SB2
Client Project: 13111.001/ N Rosemead Blvd

Dear Mr. Robin Ferber:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 6/28/2021 -6/29/2021 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Lisa Eminhizer
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC) for the fields of proficiency and analytes listed on those certificates. H& P is approved as an Environmental Testing Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs for the fields of proficiency and analytes included in the certification process and to the extent offered by the accreditation agency . Unless otherwise noted, accreditation certificate numbers, expiration of certificates, and scope of accreditation can be found at: www.handpmg.com/about/certifications. Fields of services and analytes contained in this report that are not listed on the certificates should be considered uncertified or unavailable for certification.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| LV-10-35 | E106077-01 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-10-15 | E106077-02 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-10-6 | E106077-03 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-9-35 | E106077-04 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-9-15 | E106077-05 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-9-6 | E106077-06 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-9-6 REP | E106077-07 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-8-35 | E106077-08 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-8-15 | E106077-09 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-8-5 | E106077-10 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-4-35 | E106077-11 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-4-14 | E106077-12 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-4-5 | E106077-13 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-3-35 | E106077-14 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-3-15 | E106077-15 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-3-10 | E106077-16 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-6-35 | E106085-01 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-6-20 | E106085-02 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-2-35 | E106085-03 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-2-20 | E106085-04 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-5-34 | E106085-05 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-5-20 | E106085-06 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-7-35 | E106085-07 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-7-15 | E106085-08 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-7-15 REP | E106085-09 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-7-7 | E106085-10 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-1-35 | E106085-11 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-1-20 | E106085-12 | Vapor | 29-Jun-21 | 29-Jun-21 |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | | |
|---|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: | LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: | 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: | Mr. Robin Ferber | 06-Jul-21 10:58 |

June 28, 2021

The percent recovery for Bromobenzene fell below the method criteria in the continuing calibration verification. Any result for this analyte, for samples analyzed on this date, may be biased low.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-35 (E106077-01) Vapor** | **Sampled: 28-Jun-21** | **Received: 28-Jun-21** | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1400** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **220** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **550** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **250** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-35 (E106077-01) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *92.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.0 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-15 (E106077-02) Vapor** | **Sampled: 28-Jun-21** | **Received: 28-Jun-21** | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **170** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **330** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **2300** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-15 (E106077-02) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *104 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *98.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.3 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-6 (E106077-03) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | **66** | 40 | 100 | " | " | " | " | " | " | J |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **210** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **6000** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-6 (E106077-03) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *106 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *92.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *84.7 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-35 (E106077-04) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **52** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | **68** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **220** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **58** | 40 | 100 | " | " | " | " | " | " | J |
| **trans-1,2-Dichloroethene** | **130** | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2400** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **6800** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **600** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-35 (E106077-04) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *96.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *97.5 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.5 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-15 (E106077-05) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **210** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1400** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **280** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | **77** | 40 | 100 | " | " | " | " | " | " | J |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **2900** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **6800** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-15 (E106077-05) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *102 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *96.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *87.2 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-6 (E106077-06) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | **72** | 40 | 100 | " | " | " | " | " | " | J |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **110** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | **11** | 10 | 20 | " | " | " | " | " | " | J |
| **Trichloroethene** | **530** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **3500** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-6 (E106077-06) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | **68** | 40 | 100 | " | " | " | " | " | " | J |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **46** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *101 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *97.5 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.2 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-6 REP (E106077-07) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | **98** | 40 | 100 | " | " | " | " | " | " | J |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **120** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | **41** | 40 | 100 | " | " | " | " | " | " | J |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | **14** | 10 | 20 | " | " | " | " | " | " | J |
| **Trichloroethene** | **640** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **4100** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-6 REP (E106077-07) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | **91** | 40 | 100 | " | " | " | " | " | " | J |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **54** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *108 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *99.2 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.4 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-35 (E106077-08) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **1800** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **470** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **77** | 40 | 100 | " | " | " | " | " | " | J |
| trans-1,2-Dichloroethene | **60** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **5300** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **5800** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| **1,2-Dichloroethane (EDC)** | **77** | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **170** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-35 (E106077-08) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *101 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *102 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.7 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-15 (E106077-09) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **2500** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **500** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| **Methyl tertiary-butyl ether (MTBE)** | **100** | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | **91** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **6500** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **6400** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| **1,2-Dichloroethane (EDC)** | **160** | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **46** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1000** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **44** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-15 (E106077-09) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *103 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *98.1 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *88.9 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-5 (E106077-10) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **2200** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Chloroethane** | **260** | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | **78** | 40 | 100 | " | " | " | " | " | " | J |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2100** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **540** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **82** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **390** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **82** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-5 (E106077-10) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | **72** | 40 | 100 | " | " | " | " | " | " | J |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **51** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *97.2 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *213 %* | *75-125* | | " | " | " | " | *S-04* |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-35 (E106077-11) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **2200** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **310** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **68** | 40 | 100 | " | " | " | " | " | " | J |
| trans-1,2-Dichloroethene | **84** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **3000** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **16000** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | **14** | 10 | 20 | " | " | " | " | " | " | J |
| **Trichloroethene** | **31** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-35 (E106077-11) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *102 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *103 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.9 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-14 (E106077-12) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **1000** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **110** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **120** | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1800** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **6500** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **42** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **10000** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-14 (E106077-12) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *96.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *96.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *83.9 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-5 (E106077-13) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **14** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1400** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **250** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **67** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **3800** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **450** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-5 (E106077-13) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *97.3 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *94.2 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.8 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-35 (E106077-14) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | **44** | 40 | 100 | " | " | " | " | " | " | J |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **6100** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **110** | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **170** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **190** | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2900** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **11000** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **270** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | **90** | 40 | 100 | " | " | " | " | " | " | J |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **400** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-35 (E106077-14) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | **43** | 40 | 100 | " | " | " | " | " | " | J |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *103 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *111 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.4 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-15 (E106077-15) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | **61** | 40 | 100 | " | " | " | " | " | " | J |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **4700** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **110** | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **250** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **87** | 40 | 100 | " | " | " | " | " | " | J |
| **trans-1,2-Dichloroethene** | **130** | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **4200** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **9700** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **37** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1500** | 12 | 20 | " | " | " | " | " | " | |
| **1,2-Dichloropropane** | **240** | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **230** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-15 (E106077-15) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *97.9 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.4 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-10 (E106077-16) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | **44** | 40 | 100 | " | " | " | " | " | " | J |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **2800** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | **69** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **170** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **64** | 40 | 100 | " | " | " | " | " | " | J |
| trans-1,2-Dichloroethene | **80** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **2700** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **5500** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **27** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1100** | 12 | 20 | " | " | " | " | " | " | |
| **1,2-Dichloropropane** | **160** | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **230** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-10 (E106077-16) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *94.3 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *88.0 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.6 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-6-35 (E106085-01) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **22** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **240** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **590** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **970** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **840** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | **53** | 40 | 100 | " | " | " | " | " | " | J |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **88** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-6-35 (E106085-01) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *92.3 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *101 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.7 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-6-20 (E106085-02) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **200** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **230** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **200** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **580** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **710** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-6-20 (E106085-02) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *92.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *106 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.0 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-2-35 (E106085-03) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | **68** | 40 | 100 | " | " | " | " | " | " | J |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | **60** | 40 | 100 | " | " | " | " | " | " | J |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **340** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **120** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-2-35 (E106085-03) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *93.6 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *94.9 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *86.3 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-2-20 (E106085-04) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | **40** | 40 | 100 | " | " | " | " | " | " | J |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **350** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **140** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-2-20 (E106085-04) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *106 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *109 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.0 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-5-34 (E106085-05) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **140** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **380** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **790** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **330** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | **44** | 40 | 100 | " | " | " | " | " | " | J |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-5-34 (E106085-05) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **42** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | **41** | 40 | 100 | " | " | " | " | " | " | J |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *93.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *98.6 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.6 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-5-20 (E106085-06) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **120** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **640** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **1500** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-5-20 (E106085-06) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *102 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *94.1 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *86.3 %* | | *75-125* | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-35 (E106085-07) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **720** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **190** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | **87** | 40 | 100 | " | " | " | " | " | " | J |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| **Methyl tertiary-butyl ether (MTBE)** | **260** | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | **84** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **3600** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **3800** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **830** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **38** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-35 (E106085-07) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **73** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *88.0 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *81.9 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-15 (E106085-08) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **180** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| **Methyl tertiary-butyl ether (MTBE)** | **190** | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2300** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **360** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1400** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **570** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-15 (E106085-08) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *92.0 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *93.0 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *78.7 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-15 REP (E106085-09) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **210** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| **Methyl tertiary-butyl ether (MTBE)** | **220** | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2900** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **450** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1500** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **630** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-15 REP (E106085-09) Vapor** | **Sampled: 29-Jun-21** | **Received: 29-Jun-21** | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *96.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *94.6 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *81.8 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-7 (E106085-10) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **260** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **650** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **580** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **350** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-7 (E106085-10) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *98.6 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *102 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.5 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-1-35 (E106085-11) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **390** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **32** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-1-35 (E106085-11) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *98.8 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *99.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *90.6 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-1-20 (E106085-12) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **430** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **120** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-1-20 (E106085-12) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *103 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *98.3 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *88.1 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12805 - EPA 5030** | | | | | | | | | | |
| **Blank (EF12805-BLK1)** | | | | Prepared & Analyzed: 28-Jun-21 | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | 100 | ug/m3 | | | | | | | |
| Dichlorodifluoromethane (F12) | ND | 100 | " | | | | | | | |
| Chloromethane | ND | 100 | " | | | | | | | |
| Vinyl chloride | ND | 10 | " | | | | | | | |
| Bromomethane | ND | 100 | " | | | | | | | |
| Chloroethane | ND | 100 | " | | | | | | | |
| Trichlorofluoromethane (F11) | ND | 100 | " | | | | | | | |
| 1,1-Dichloroethene | ND | 100 | " | | | | | | | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 100 | " | | | | | | | |
| Methylene chloride (Dichloromethane) | ND | 100 | " | | | | | | | |
| Methyl tertiary-butyl ether (MTBE) | ND | 100 | " | | | | | | | |
| trans-1,2-Dichloroethene | ND | 100 | " | | | | | | | |
| 1,1-Dichloroethane | ND | 100 | " | | | | | | | |
| 2,2-Dichloropropane | ND | 100 | " | | | | | | | |
| cis-1,2-Dichloroethene | ND | 100 | " | | | | | | | |
| Chloroform | ND | 20 | " | | | | | | | |
| Bromochloromethane | ND | 100 | " | | | | | | | |
| 1,1,1-Trichloroethane | ND | 100 | " | | | | | | | |
| 1,1-Dichloropropene | ND | 100 | " | | | | | | | |
| Carbon tetrachloride | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane (EDC) | ND | 20 | " | | | | | | | |
| Benzene | ND | 20 | " | | | | | | | |
| Trichloroethene | ND | 20 | " | | | | | | | |
| 1,2-Dichloropropane | ND | 100 | " | | | | | | | |
| Bromodichloromethane | ND | 100 | " | | | | | | | |
| Dibromomethane | ND | 100 | " | | | | | | | |
| cis-1,3-Dichloropropene | ND | 100 | " | | | | | | | |
| Toluene | ND | 200 | " | | | | | | | |
| trans-1,3-Dichloropropene | ND | 100 | " | | | | | | | |
| 1,1,2-Trichloroethane | ND | 100 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 100 | " | | | | | | | |
| 1,3-Dichloropropane | ND | 100 | " | | | | | | | |
| Tetrachloroethene | ND | 20 | " | | | | | | | |
| Dibromochloromethane | ND | 100 | " | | | | | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12805 - EPA 5030** | | | | | | | | | | |
| **Blank (EF12805-BLK1)** | | | | Prepared & Analyzed: 28-Jun-21 | | | | | | |
| Chlorobenzene | ND | 20 | ug/m3 | | | | | | | |
| Ethylbenzene | ND | 100 | " | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 100 | " | | | | | | | |
| m,p-Xylene | ND | 100 | " | | | | | | | |
| o-Xylene | ND | 100 | " | | | | | | | |
| Styrene | ND | 100 | " | | | | | | | |
| Bromoform | ND | 100 | " | | | | | | | |
| Isopropylbenzene (Cumene) | ND | 100 | " | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 100 | " | | | | | | | |
| 1,2,3-Trichloropropane | ND | 100 | " | | | | | | | |
| n-Propylbenzene | ND | 100 | " | | | | | | | |
| Bromobenzene | ND | 100 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 100 | " | | | | | | | |
| 2-Chlorotoluene | ND | 100 | " | | | | | | | |
| 4-Chlorotoluene | ND | 100 | " | | | | | | | |
| tert-Butylbenzene | ND | 100 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 100 | " | | | | | | | |
| sec-Butylbenzene | ND | 100 | " | | | | | | | |
| p-Isopropyltoluene | ND | 100 | " | | | | | | | |
| 1,3-Dichlorobenzene | ND | 100 | " | | | | | | | |
| 1,4-Dichlorobenzene | ND | 100 | " | | | | | | | |
| n-Butylbenzene | ND | 100 | " | | | | | | | |
| 1,2-Dichlorobenzene | ND | 100 | " | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 1000 | " | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 100 | " | | | | | | | |
| Hexachlorobutadiene | ND | 100 | " | | | | | | | |
| Naphthalene | ND | 20 | " | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *486* | | *"* | *500* | | *97.2* | *75-125* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *443* | | *"* | *500* | | *88.7* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *413* | | *"* | *500* | | *82.6* | *75-125* | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12805 - EPA 5030** | | | | | | | | | | |
| **LCS (EF12805-BS1)** | | | | Prepared & Analyzed: 28-Jun-21 | | | | | | |
| Dichlorodifluoromethane (F12) | 5000 | 500 | ug/m3 | 5000 | | 99.2 | 70-130 | | | |
| Vinyl chloride | 5800 | 50 | " | 5000 | | 117 | 70-130 | | | |
| Chloroethane | 5300 | 500 | " | 5000 | | 105 | 70-130 | | | |
| Trichlorofluoromethane (F11) | 4400 | 500 | " | 5000 | | 87.9 | 70-130 | | | |
| 1,1-Dichloroethene | 4300 | 500 | " | 5000 | | 86.6 | 70-130 | | | |
| 1,1,2 Trichlorotrifluoroethane (F113) | 4600 | 500 | " | 5000 | | 91.7 | 70-130 | | | |
| Methylene chloride (Dichloromethane) | 4700 | 500 | " | 5000 | | 94.9 | 70-130 | | | |
| trans-1,2-Dichloroethene | 4300 | 500 | " | 5000 | | 86.7 | 70-130 | | | |
| 1,1-Dichloroethane | 4600 | 500 | " | 5000 | | 92.2 | 70-130 | | | |
| cis-1,2-Dichloroethene | 4300 | 500 | " | 5000 | | 86.7 | 70-130 | | | |
| Chloroform | 4600 | 100 | " | 5000 | | 92.7 | 70-130 | | | |
| 1,1,1-Trichloroethane | 4200 | 500 | " | 5000 | | 83.2 | 70-130 | | | |
| Carbon tetrachloride | 4400 | 100 | " | 5000 | | 88.7 | 70-130 | | | |
| 1,2-Dichloroethane (EDC) | 4500 | 100 | " | 5000 | | 90.9 | 70-130 | | | |
| Benzene | 4800 | 100 | " | 5000 | | 95.6 | 70-130 | | | |
| Trichloroethene | 5000 | 100 | " | 5000 | | 99.4 | 70-130 | | | |
| Toluene | 4400 | 1000 | " | 5000 | | 88.1 | 70-130 | | | |
| 1,1,2-Trichloroethane | 4600 | 500 | " | 5000 | | 92.4 | 70-130 | | | |
| Tetrachloroethene | 4600 | 100 | " | 5000 | | 92.4 | 70-130 | | | |
| Ethylbenzene | 4700 | 500 | " | 5000 | | 93.1 | 70-130 | | | |
| 1,1,1,2-Tetrachloroethane | 4300 | 500 | " | 5000 | | 85.4 | 70-130 | | | |
| m,p-Xylene | 10000 | 500 | " | 10000 | | 100 | 70-130 | | | |
| o-Xylene | 4800 | 500 | " | 5000 | | 96.2 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 4500 | 500 | " | 5000 | | 89.5 | 70-130 | | | |
| *Surrogate: Dibromofluoromethane* | *2440* | | *"* | *2500* | | *97.6* | *75-125* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2390* | | *"* | *2500* | | *95.5* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *2270* | | *"* | *2500* | | *90.8* | *75-125* | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12910 - EPA 5030** | | | | | | | | | | |
| **Blank (EF12910-BLK1)** | | | | Prepared & Analyzed: 29-Jun-21 | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | 100 | ug/m3 | | | | | | | |
| Dichlorodifluoromethane (F12) | ND | 100 | " | | | | | | | |
| Chloromethane | ND | 100 | " | | | | | | | |
| Vinyl chloride | ND | 10 | " | | | | | | | |
| Bromomethane | ND | 100 | " | | | | | | | |
| Chloroethane | ND | 100 | " | | | | | | | |
| Trichlorofluoromethane (F11) | ND | 100 | " | | | | | | | |
| 1,1-Dichloroethene | ND | 100 | " | | | | | | | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 100 | " | | | | | | | |
| Methylene chloride (Dichloromethane) | ND | 100 | " | | | | | | | |
| Methyl tertiary-butyl ether (MTBE) | ND | 100 | " | | | | | | | |
| trans-1,2-Dichloroethene | ND | 100 | " | | | | | | | |
| 1,1-Dichloroethane | ND | 100 | " | | | | | | | |
| 2,2-Dichloropropane | ND | 100 | " | | | | | | | |
| cis-1,2-Dichloroethene | ND | 100 | " | | | | | | | |
| Chloroform | ND | 20 | " | | | | | | | |
| Bromochloromethane | ND | 100 | " | | | | | | | |
| 1,1,1-Trichloroethane | ND | 100 | " | | | | | | | |
| 1,1-Dichloropropene | ND | 100 | " | | | | | | | |
| Carbon tetrachloride | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane (EDC) | ND | 20 | " | | | | | | | |
| Benzene | 14 | 20 | " | | | | | | | J |
| Trichloroethene | ND | 20 | " | | | | | | | |
| 1,2-Dichloropropane | ND | 100 | " | | | | | | | |
| Bromodichloromethane | ND | 100 | " | | | | | | | |
| Dibromomethane | ND | 100 | " | | | | | | | |
| cis-1,3-Dichloropropene | ND | 100 | " | | | | | | | |
| Toluene | ND | 200 | " | | | | | | | |
| trans-1,3-Dichloropropene | ND | 100 | " | | | | | | | |
| 1,1,2-Trichloroethane | ND | 100 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 100 | " | | | | | | | |
| 1,3-Dichloropropane | ND | 100 | " | | | | | | | |
| Tetrachloroethene | ND | 20 | " | | | | | | | |
| Dibromochloromethane | ND | 100 | " | | | | | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12910 - EPA 5030** | | | | | | | | | | |
| **Blank (EF12910-BLK1)** | | | | Prepared & Analyzed: 29-Jun-21 | | | | | | |
| Chlorobenzene | ND | 20 | ug/m3 | | | | | | | |
| Ethylbenzene | ND | 100 | " | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 100 | " | | | | | | | |
| m,p-Xylene | ND | 100 | " | | | | | | | |
| o-Xylene | ND | 100 | " | | | | | | | |
| Styrene | ND | 100 | " | | | | | | | |
| Bromoform | ND | 100 | " | | | | | | | |
| Isopropylbenzene (Cumene) | ND | 100 | " | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 100 | " | | | | | | | |
| 1,2,3-Trichloropropane | ND | 100 | " | | | | | | | |
| n-Propylbenzene | ND | 100 | " | | | | | | | |
| Bromobenzene | ND | 100 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 100 | " | | | | | | | |
| 2-Chlorotoluene | ND | 100 | " | | | | | | | |
| 4-Chlorotoluene | ND | 100 | " | | | | | | | |
| tert-Butylbenzene | ND | 100 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 100 | " | | | | | | | |
| sec-Butylbenzene | ND | 100 | " | | | | | | | |
| p-Isopropyltoluene | ND | 100 | " | | | | | | | |
| 1,3-Dichlorobenzene | ND | 100 | " | | | | | | | |
| 1,4-Dichlorobenzene | ND | 100 | " | | | | | | | |
| n-Butylbenzene | ND | 100 | " | | | | | | | |
| 1,2-Dichlorobenzene | ND | 100 | " | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 1000 | " | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 100 | " | | | | | | | |
| Hexachlorobutadiene | ND | 100 | " | | | | | | | |
| Naphthalene | ND | 20 | " | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *557* | | *"* | *500* | | *111* | *75-125* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *550* | | *"* | *500* | | *110* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *466* | | *"* | *500* | | *93.2* | *75-125* | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12910 - EPA 5030** | | | | | | | | | | |
| **LCS (EF12910-BS1)** | | | | Prepared & Analyzed: 29-Jun-21 | | | | | | |
| Dichlorodifluoromethane (F12) | 3900 | 500 | ug/m3 | 5000 | | 77.1 | 70-130 | | | |
| Vinyl chloride | 4800 | 50 | " | 5000 | | 95.8 | 70-130 | | | |
| Chloroethane | 4700 | 500 | " | 5000 | | 93.8 | 70-130 | | | |
| Trichlorofluoromethane (F11) | 3900 | 500 | " | 5000 | | 78.0 | 70-130 | | | |
| 1,1-Dichloroethene | 4600 | 500 | " | 5000 | | 91.6 | 70-130 | | | |
| 1,1,2 Trichlorotrifluoroethane (F113) | 4600 | 500 | " | 5000 | | 92.7 | 70-130 | | | |
| Methylene chloride (Dichloromethane) | 4500 | 500 | " | 5000 | | 90.5 | 70-130 | | | |
| trans-1,2-Dichloroethene | 4700 | 500 | " | 5000 | | 94.8 | 70-130 | | | |
| 1,1-Dichloroethane | 4900 | 500 | " | 5000 | | 97.2 | 70-130 | | | |
| cis-1,2-Dichloroethene | 4600 | 500 | " | 5000 | | 92.0 | 70-130 | | | |
| Chloroform | 4700 | 100 | " | 5000 | | 94.1 | 70-130 | | | |
| 1,1,1-Trichloroethane | 4500 | 500 | " | 5000 | | 90.1 | 70-130 | | | |
| Carbon tetrachloride | 4700 | 100 | " | 5000 | | 94.5 | 70-130 | | | |
| 1,2-Dichloroethane (EDC) | 4600 | 100 | " | 5000 | | 91.6 | 70-130 | | | |
| Benzene | 4800 | 100 | " | 5000 | | 96.2 | 70-130 | | | |
| Trichloroethene | 5000 | 100 | " | 5000 | | 101 | 70-130 | | | |
| Toluene | 4200 | 1000 | " | 5000 | | 84.9 | 70-130 | | | |
| 1,1,2-Trichloroethane | 4300 | 500 | " | 5000 | | 85.6 | 70-130 | | | |
| Tetrachloroethene | 4900 | 100 | " | 5000 | | 98.2 | 70-130 | | | |
| Ethylbenzene | 5100 | 500 | " | 5000 | | 101 | 70-130 | | | |
| 1,1,1,2-Tetrachloroethane | 4900 | 500 | " | 5000 | | 97.7 | 70-130 | | | |
| m,p-Xylene | 11000 | 500 | " | 10000 | | 114 | 70-130 | | | |
| o-Xylene | 5300 | 500 | " | 5000 | | 106 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 3800 | 500 | " | 5000 | | 75.6 | 70-130 | | | |
| *Surrogate: Dibromofluoromethane* | *2450* | | *"* | *2500* | | *98.0* | *75-125* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2320* | | *"* | *2500* | | *92.6* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *2150* | | *"* | *2500* | | *85.8* | *75-125* | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Notes and Definitions

| | |
|---|---|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| J- Report | This sample is reported to the MDL or LOD determined for this method. All confirmed hits above the listed MDL or LOD value and below the RL/LOQ, will be flagged with a "J" result. If an MDL or LOD is not listed, the analyte is ND at the RL. |
| J | Detected but below the RL/LOQ; therefore, result is an estimated concentration. |
| J | Detected but below the RL/LOQ; therefore, result is an estimated concentration. |
| LCC | Leak Check Compound |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| MDL | Method Detection Limit |
| %REC | Percent Recovery |
| RPD | Relative Percent Difference |

All soil results are reported in wet weight.

## Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743 & 2745.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

# VAPOR / AIR Chain of Custody

DATE: 6/28/21
Page 1 of 2

## Lab Client and Project Information

| | |
|---|---|
| Lab Client/Consultant: Leighton Consulting | Project Name / #: 13111.001 |
| Lab Client Project Manager: Robin Ferber | Project Location: 2226 N Rosemead Blvd |
| Lab Client Address: 26074 Avenue Hall Suite 21 | Report E-Mail(s): rferber@leightongroup.com mvikas@leightongroup.com |
| Lab Client City, State, Zip: Santa Clarita CA, 91355 | |
| Phone Number: 661-705-3025 | |

## Sample Receipt (Lab Use Only)

| | |
|---|---|
| Date Rec'd: 6/28/21 | Control #: 210437001.01 |
| H&P Project # | LC062821-S132 |
| Lab Work Order # | E106077 |
| Sample Intact: ☐ Yes ☐ No ☐ See Notes Below | |
| Receipt Gauge ID: | Temp: |
| Outside Lab: | |
| Receipt Notes/Tracking #: | Lab PM Initials: |

## Reporting Requirements

- ☑ Standard Report ☐ Level III ☐ Level IV
- ☑ Excel EDD ☐ Other EDD: _____
- ☑ CA Geotracker Global ID: _____

## Turnaround Time

- ☑ **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify): _____

## Sampler Information

Sampler(s): Bobby Stangl
Signature:
Date: 6/28/21

## Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
☐ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

| SAMPLE NAME | FIELD POINT NAME (if applicable) | DATE mm/dd/yy | TIME 24hr clock | SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV) | CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc. | CONTAINER ID (###) | Lab use only: Receipt Vac | VOCs Standard Full List ☑ 8260SV ☐ TO-15 | VOCs Short List / Project List ☐ 8260SV ☐ TO-15 | Oxygenates ☐ 8260SV ☐ TO-15 | Naphthalene ☐ 8260SV ☐ TO-15 | TPHv as Gas ☐ 8260SVm ☐ TO-15m | Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m | Leak Check Compound ☑ DFA ☐ IPA ☐ He | Methane by EPA 8015m | Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-10-35 | | 6/28/21 | 906 | SV | G.S | 87/348 | | X | | | | | | X | | | | | | |
| LV-10-15 | | | 928 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-10-6 | | | 951 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-9-35 | | | 1017 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-9-15 | | | 1038 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-9-6 | | | 1059 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-9-6 REP | | | 1119 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-8-35 | | | 1147 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-8-15 | | | 1209 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-8-6 | | | 1229 | | | 287/332 | | X | | | | | | X | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Approved/Relinquished by: | Company: Leighton | Date: 6-28-21 | Time: 1530 | Received by: | Company: H&P | Date: 6/28/21 | Time: 1530 |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

# VAPOR / AIR Chain of Custody

DATE: 6/28/21
Page 2 of 2

## Lab Client and Project Information

| | |
|---|---|
| Lab Client/Consultant: Leighton Consulting | Project Name / #: 13111.001 |
| Lab Client Project Manager: Robin Ferber | Project Location: 2226 N Rosemead Blvd |
| Lab Client Address: 26074 Avenue Hall, Suite 21 | Report E-Mail(s): rferber@leightongroup.com mvilkas@leightongroup.com |
| Lab Client City, State, Zip: Santa Clarita, CA 91355 | |
| Phone Number: 661-705-3025 | |

## Sample Receipt (Lab Use Only)

| | |
|---|---|
| Date Rec'd: 6/28/21 | Control #: 21043900.01 |
| H&P Project # | LC06821-SB2 |
| Lab Work Order # | E106077 |
| Sample Intact: ☐ Yes ☐ No ☐ See Notes Below | |
| Receipt Gauge ID: | Temp: |
| Outside Lab: | |
| Receipt Notes/Tracking #: | Lab PM Initials: |

## Reporting Requirements

- ☑ Standard Report ☐ Level III ☐ Level IV
- ☑ Excel EDD ☐ Other EDD:
- ☑ CA Geotracker Global ID:

## Turnaround Time

- ☑ **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify):

## Sampler Information

Sampler(s): Bobby Stearns
Signature:
Date: 6/28/21

## Additional Instructions to Laboratory:

** Preferred VOC units (please choose one):*
☐ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

| SAMPLE NAME | FIELD POINT NAME (if applicable) | DATE mm/dd/yy | TIME 24hr clock | SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV) | CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc. | CONTAINER ID (###) | Lab use only: Receipt Vac | VOCs Standard Full List ☑ 8260SV ☐ TO-15 | VOCs Short List / Project List ☐ 8260SV ☐ TO-15 | Oxygenates ☐ 8260SV ☐ TO-15 | Naphthalene ☐ 8260SV ☐ TO-15 | TPHv as Gas ☐ 8260SVm ☐ TO-15m | Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m | Leak Check Compound ☑ DFA ☐ IPA ☐ He | Methane by EPA 8015m | Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-4-35 | | 6/28/21 | 1253 | SV | G-S | 87/348 | | X | | | | | | X | | | | | | |
| LV-4-14 | | | 1313 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-4-5 | | | 1332 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-3-35 | | | 1354 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-3-15 | | | 1414 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-3-10 | | | 1437 | | | 287/332 | | X | | | | | | X | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Approved/Relinquished by: | Company: Leighton | Date: 6-28-21 | Time: 1530 | Received by: | Company: H&P | Date: 6/28/21 | Time: 1530 |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

# VAPOR / AIR Chain of Custody

DATE: 6/29/21
Page 1 of 2

## Lab Client and Project Information

| | |
|---|---|
| Lab Client/Consultant: Leighton Consulting | Project Name / #: 13111.001 |
| Lab Client Project Manager: Robin Ferber | Project Location: 2226 N Rosemead Blvd |
| Lab Client Address: 26074 Avenue Hall, Suite 21 | Report E-Mail(s): rferber@leightongroup.com |
| Lab Client City, State, Zip: Santa Clarita, CA, 91355 | mvilkas@leightongroup.com |
| Phone Number: ~~714~~ 661-705-3025 | |

## Sample Receipt (Lab Use Only)

| | |
|---|---|
| Date Rec'd: 6/29/21 | Control #: 21043900/.01 |
| H&P Project # LCO62621-SB2 | |
| Lab Work Order # TO: ~~E10607~~ E106085 | |
| Sample Intact: ☐ Yes ☐ No ☐ See Notes Below | |
| Receipt Gauge ID: | Temp: |
| Outside Lab: | |
| Receipt Notes/Tracking #: | Lab PM Initials: |

## Reporting Requirements

- ☑ Standard Report ☐ Level III ☐ Level IV
- ☑ Excel EDD ☐ Other EDD: _____
- ☑ CA Geotracker Global ID: _____

## Turnaround Time

- ☑ **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify): _____

## Sampler Information

Sampler(s): Bobby Stangl
Signature:
Date: 6/29/21

## Additional Instructions to Laboratory:

** Preferred VOC units (please choose one):*
☐ µg/L ☑ µg/m³ ☐ ppbv ☐ ppmv

| SAMPLE NAME | FIELD POINT NAME (if applicable) | DATE mm/dd/yy | TIME 24hr clock | SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV) | CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc. | CONTAINER ID (###) | Lab use only: Receipt Vac | VOCs Standard Full List ☑ 8260SV ☐ TO-15 | VOCs Short List / Project List ☐ 8260SV ☐ TO-15 | Oxygenates ☐ 8260SV ☐ TO-15 | Naphthalene ☐ 8260SV ☐ TO-15 | TPHv as Gas ☐ 8260SVm ☐ TO-15m | Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m | Leak Check Compound ☑ DFA ☐ IPA ☐ He | Methane by EPA 8015m | Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-6-35 | | 6/29/21 | 738 | S.V | G.S | 87/348 | | X | | | | | | X | | | | | | |
| LV-6-20 | | | 757 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-2-35 | | | 822 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-2-20 | | | 845 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-5-34 | | | 912 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-5-20 | | | 932 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-7-35 | | | 1000 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-7-15 | | | 1020 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-7-15REP | | | 1039 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-7-7 | | | 1105 | | | 287/332 | | X | | | | | | X | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Approved/Relinquished by: | Company: Leighton | Date: 6-29-21 | Time: 1230 | Received by: | Company: H&P | Date: 6/29/21 | Time: 1230 |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

# VAPOR / AIR Chain of Custody

DATE: 6/29/21
Page 2 of 2

## Lab Client and Project Information

| | |
|---|---|
| Lab Client/Consultant: Leighton Consulting | Project Name / #: 13111.001 |
| Lab Client Project Manager: Robin Ferber | Project Location: 2226 N Rosemead Blvd |
| Lab Client Address: 26074 Avenue Hall Suite | Report E-Mail(s): rferber@leightongroup.com mvilka@leightongroup.com |
| Lab Client City, State, Zip: Santa Clarita, CA 91355 | |
| Phone Number: 661-705-3025 | |

**Reporting Requirements**
- ☑ Standard Report ☐ Level III ☐ Level IV
- ☑ Excel EDD ☐ Other EDD:
- ☑ CA Geotracker Global ID:

**Turnaround Time**
- ☑ **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify):

**Sampler Information**
- Sampler(s): Bobby Stewart
- Signature:
- Date: 6/29/21

## Sample Receipt (Lab Use Only)

| | |
|---|---|
| Date Rec'd: 6/29/21 | Control #: 210439.00 / .01 |
| H&P Project # | LC062821-SB2 |
| Lab Work Order # | 6106085 |
| Sample Intact: ☐ Yes ☐ No ☐ See Notes Below | |
| Receipt Gauge ID: | Temp: |
| Outside Lab: | |
| Receipt Notes/Tracking #: | |
| Lab PM Initials: | |

**Additional Instructions to Laboratory:**

** Preferred VOC units (please choose one):*
☐ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

| SAMPLE NAME | FIELD POINT NAME (if applicable) | DATE mm/dd/yy | TIME 24hr clock | SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV) | CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc. | CONTAINER ID (###) | Lab use only: Receipt Vac | VOCs Standard Full List ☑ 8260SV ☐ TO-15 | VOCs Short List / Project List ☐ 8260SV ☐ TO-15 | Oxygenates ☐ 8260SV ☐ TO-15 | Naphthalene ☐ 8260SV ☐ TO-15 | TPHv as Gas ☐ 8260SVm ☐ TO-15m | Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m | Leak Check Compound ☑ DFA ☐ IPA ☐ He | Methane by EPA 8015m | Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-1-35 | | 6/29/21 | 1124 | S.V | G.S | 87/348 | | X | | | | | | X | | | | | | |
| LV-1-20 | | 6/29/21 | 1142 | S.V | G.S | 287/332 | | X | | | | | | X | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Approved/Relinquished by: | Company: Leighton | Date: 6-29-21 | Time: 1230 | Received by: | Company: H&P | Date: 6/29/21 | Time: 1230 |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

H&P Mobile Geochemistry Inc.

# Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: LC062821-SB2 Date: 6/28/2021

Site Address: 2226 N ROSEMEAD BLVD Page: 1 of 2

Consultant: Leighton Consulting H&P Rep(s): T. Le Reviewed: DB

Consultant Rep(s): *Marius Vilkas* BOBBY Scanned: Thomas

**Equipment Info**
Inline Gauge ID#: 130
Pump ID#: 042

**Purge Volume Information**
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

**Leak Check Compound** ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
*A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.*

**Resample Key:**
RS = Resample
RD = for Dilution
RL = lor LCC fail

| | Sample Information | | | | Probe Specs | | | | | | | Purge & Collection Information | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Point ID | Syringe ID | Sample Volume (cc) | Sample Time | Probe Depth (ft) | Tubing Length (ft) | Tubing OD (in.) | Sand Ht (in.) | Sand Dia (in.) | Dry Bent. Ht (in.) | Dry Bent. Dia (in.) | Shut In Test 60 sec (✓) | Leak Check (✓) | Purge Vol (mL) | Purge Flow Rate (mL/min) | Pump Time (min:sec) | Sample Flow Rate (mL/min) | ProbeVac ☐ Hg ☑ $H_2O$ |
| 1 | LV-10-35 | 87/348 | 100 | 906 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | 0 |
| 2 | LV-10-15 | 287/332 | 100 | 928 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | 0 |
| 3 | LV-10-6 | 87/348 | 100 | 951 | 6 | 8 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1641 | 200 | 8:12 | <200 | 0 |
| 4 | LV-9-35 | 287/332 | 100 | 1017 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | 0 |
| 5 | LV-9-15 | 87/348 | 100 | 1038 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | 0 |
| 6 | LV-9-6 | 287/332 | 100 | 1059 | 6 | 8 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1641 | 200 | 8:12 | <200 | 0 |
| 7 | LV-9-6 REP | 87/348 | 100 | 1119 | 6 | 8 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1741 | — | — | <200 | 0 |
| 8 | LV-8-35 | 287/332 | 100 | 1147 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | 0 |
| 9 | LV-8-15 | 87/348 | 100 | 1209 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | 0 |
| 10 | LV-8-5 | 287/332 | 100 | 1229 | 5 | 7 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1626 | 200 | 8:08 | <200 | 0 |
| 11 | LV-4-35 | 87/348 | 100 | 1253 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | 0 |
| 12 | LV-4-14 | 287/332 | 100 | 1313 | 14 | 16 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1757 | 200 | 8:47 | <200 | 0 |

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):
* All Probes required 1-Way Valves; 15 total today

H&P Mobile Geochemistry Inc.

# Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: LC062821-SB2 Date: 6/28/2021

Site Address: 2226 N ROSEMEAD BLVD Page: 2 of 2

Consultant: Leighton Consulting H&P Rep(s): T. Le Reviewed: DB

Consultant Rep(s): *Marius Vilkas* BOBBY Scanned: Moms

**Equipment Info**
Inline Gauge ID#: T20
Pump ID#: 042

**Purge Volume Information**
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☐ Dry Bent 50%

**Leak Check Compound** ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
*A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.*

**Resample Key:**
*RS = Resample*
*RD = for Dilution*
*RL = lor LCC fail*

| | Sample Information | | | | Probe Specs | | | | | | | Purge & Collection Information | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Point ID | Syringe ID | Sample Volume (cc) | Sample Time | Probe Depth (ft) | Tubing Length (ft) | Tubing OD (in.) | Sand Ht (in.) | Sand Dia (in.) | Dry Bent. Ht (in.) | Dry Bent. Dia (in.) | Shut In Test 60 sec (✓) | Leak Check (✓) | Purge Vol (mL) | Purge Flow Rate (mL/min) | Pump Time (min:sec) | Sample Flow Rate (mL/min) | ProbeVac ☐ Hg ☑ $H_2O$ |
| 1 | LV-4-5 | 348/348 | 100 | 1332 | 5 | 7 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1626 | 200 | 8:09 | <200 | ○ |
| 2 | LV-3-35 | 352/352 | 100 | 1354 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 3 | LV-3-15 | 348/348 | 100 | 1417 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | ○ |
| 4 | LV-3-10 | 352/352 | 100 | 1437 | 10 | 12 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1699 | 200 | 8:30 | <200 | ○ |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | |

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):
All probes required 1-way valve 15 total today

H&P Mobile Geochemistry Inc.

# Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: LC062821-SB2 Date: 6/29/2021

Site Address: 2226 N ROSEMEAD BLVD Page: 1 of 1

Consultant: Leighton Consulting H&P Rep(s): T. Le Reviewed: DB

Consultant Rep(s): Marius Vilkas BOBBY Scanned: TLoms

**Equipment Info**
Inline Gauge ID#: T30
Pump ID#: 042

**Purge Volume Information**
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

**Leak Check Compound**
*A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.*
☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

**Resample Key:**
RS = Resample
RD = for Dilution
RL = lor LCC fail

| | Sample Information | | | | Probe Specs | | | | | | | Purge & Collection Information | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Point ID | Syringe ID | Sample Volume (cc) | Sample Time | Probe Depth (ft) | Tubing Length (ft) | Tubing OD (in.) | Sand Ht (in.) | Sand Dia (in.) | Dry Bent. Ht (in.) | Dry Bent. Dia (in.) | Shut In Test 60 sec (✓) | Leak Check (✓) | Purge Vol (mL) | Purge Flow Rate (mL/min) | Pump Time (min:sec) | Sample Flow Rate (mL/min) | ProbeVac ☐ Hg ☑ ~~H2O~~ |
| 1 | LV-6-35 | 287/348 | 100 | 735 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 2 | LV-6-20 | 287/332 | 100 | 757 | 20 | 22 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1844 | 200 | 9:13 | <200 | ○ |
| 3 | LV-2-35 | 87/348 | 100 | 822 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 4 | LV-2-20 | 287/332 | 100 | 845 | 20 | 22 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1844 | 200 | 9:13 | <200 | ○ |
| 5 | LV-5-34 | 87/348 | 100 | 912 | 34 | 36 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2047 | 200 | 10:14 | <200 | 10 |
| 6 | LV-5-20 | 287/332 | 100 | 932 | 20 | 22 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1844 | 200 | 9:13 | <200 | ○ |
| 7 | LV-7-35 | 87/348 | 100 | 1000 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 8 | LV-7-15 | 287/332 | 100 | 1020 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | ○ |
| 9 | LV-7-15 REP | 87/348 | 100 | 1089 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1871 | — | — | <200 | ○ |
| 10 | LV-7-7 | 287/332 | 100 | 1100 | 7 | 9 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1655 | 200 | 8:17 | <200 | ○ |
| 11 | LV-1-35 | 87/348 | 100 | 1124 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 12 | LV-1-20 | 287/332 | 100 | 1142 | 20 | 22 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1844 | 200 | 9:13 | <200 | ○ |

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

# APPENDIX D

## RWQCB March 17, 1998

## No Further Requirements Letter

NFR

Cal/EPA

Pete Wilson
*Governor*

**Los Angeles Regional Water Quality Control Board**

101 Centre Plaza Drive
Monterey Park, CA
91754-2156
(213) 266-7500
FAX (213) 266-7600

March 17, 1998

Mr. Gary Mearns
Former Pacific Coast Drum Co.
P.O. Box 3593
South El Monte, CA 91733

SAN GABRIEL VALLEY CLEANUP PROGRAM - NO FURTHER REQUIREMENTS, FORMER PACIFIC COAST DRUM CO., 2200 ROSEMEAD BLVD., SOUTH EL MONTE, CA (FILE NO. 107.0266)

Recent review of files and documents pertaining to this case revealed the following:

1. Based on past inspections by Regional Board staff, areas of concern at the site included: 1) a former gasoline underground storage tank (UST); 2) a drum storage area along the eastern portion of the site; 3) a drum storage area along the southern portion of the site; 4) one clarifier and three sumps; and 5) a drum storage area in the northeast corner of the site.

2. The 12,000-gallon UST was removed and closed by Los Angeles County Department of Public Works in October 1986.

3. In November 1988, a soil assessment was performed and results were submitted by Conservtech in a report dated December 5, 1988. Three borings to a maximum depth of 50 feet below ground surface (bgs) were drilled near the clarifier and sumps area. Maximum concentrations of acetone (1,150 ug/kg) were detected to five feet bgs; and TPH (60 mg/kg) was detected to 40 feet bgs. Two borings were converted to monitoring wells (MW-1 and 2).

4. In August 1990, one monitoring well (MW-3) was installed in the former drum storage area in the northeast corner of the site, and results were submitted by Conservtech in a report dated September 4, 1990. Maximum concentrations of 1,2-DCA (780 ug/kg) and methylene chloride (900 ug/kg) were detected in soil to 30 feet bgs.

5. In September 1991, a soil gas survey was performed and results were submitted by Inland Empire Environmental Service in a report dated October 7, 1991. A total of eighty-five (85) 5-foot probes were installed. Low concentrations of methane and vinyl chloride were detected in the probes. However, QA/QC problems were found in the survey data and results are questionable.

6. In August 1994, a soil assessment was performed and results were submitted by Conservtech in a report dated January 12, 1995. A total of sixteen (16) 10-foot borings were drilled in the entire site. Maximum concentrations of 1,1-DCA (5 ug/kg), PCE (150 ug/kg), and TCE (20 ug/kg) were detected to five feet bgs near the **sumps and clarifier area**.

7. In March 1995, a soil gas survey was performed and results were submitted by EST in a report dated April 5, 1995. Four nested probes, each with probes at 1, 15, and 25 feet bgs, were installed near the **sumps and clarifier area**. Maximum concentrations of 1,1-DCA (50 ug/l), c-1,2-DCE (55 ug/l), PCE (134 ug/l), and TCE (38 ug/l) were detected in the probes.

8. In August 1995, a soil gas survey was performed and results were submitted by EST in a report dated September 6, 1995. Four nested probes, each with probes at 1, and 15 feet bgs, were installed in the **former drum storage area to the northeast corner of the site**. Maximum concentrations of DCE (12 ug/l), PCE (241 ug/l) and TCE (21 ug/l) were detected in the probes.

9. In January 1996, a soil gas survey was performed and results were submitted by EST in a report dated February 14, 1996. Four nested probes, each with probes at 1, and 15 feet bgs, were installed in the **former drum storage area to the northeast corner of the site**. Maximum concentrations of BTEX (466 ug/l of total xylenes), PCE (117 ug/l) and TCE (14 ug/l) were detected in the probes.

10. Between April 18, 1997 and January 29, 1998, a total of four nested probes, each with probes at approximately 15 and 20 feet bgs, were sampled to monitor the trend of VOC vapor concentrations in the vadose zone. Based on a total of four sets of vapor monitoring data, PCE, the compound detected at the highest concentrations, reduced from 241 ug/l to 38 ug/l and became stabilized over the monitoring period.

11. Three monitoring wells have been installed and sampled seven times since September 1990. Maximum concentrations of 1,1-DCA (592 ug/l), 1,1-DCE (28 ug/l), 1,2-DCE (1,050 ug/l), PCE (285 ug/l), TCA (89 ug/l), and TCE (215 ug/l) were detected in the groundwater. Highest VOC concentrations were detected in the monitoring well near the **sumps and clarifier area** (MW-2). Depth to groundwater was measured in February 1997 at approximately 21 feet bgs.

12. The subject facility has been notified by the United States Environmental Protection Agency (USEPA) to join the regional groundwater cleanup program.

The above site assessment data demonstrated that releases of liquid wastes from the subject site impacted the soil and groundwater beneath the site. A soil cleanup was not required. Instead, four nested soil vapor probes were sampled four times between April 1997 and January 1998 to monitor the trend of VOC vapor concentrations in the vadose zone between over a year. Such monitoring data suggested that residual VOC concentrations in the vadose zone stabilized or declined over the monitoring period. Therefore, we do not believe that further vapor monitoring is warranted. To date, the subject site has completed Regional Board staff requirements and we will not require any further remedial and investigative work with regarding to the soil contamination.

**Because past operations have impacted groundwater beneath this facility, you remain a potentially responsible party for the regional groundwater cleanup which is being led by USEPA. This Regional Board encourages you to continue to participate and cooperate in the ongoing regional groundwater cleanup. Sampling of the three existing groundwater monitoring wells required by this Regional Board can be discontinued. However, all monitoring wells must be properly maintained and made available for possible future sampling that may be required by USEPA.**

The jurisdiction requirements of other agencies, such as the USEPA, are not affected by this Regional Board's "no further requirement" decision. Such agencies may choose to make their own decisions regarding the groundwater contamination in the region.

ARTHUR G. HEATH, Ph.D.
Environmental Specialist IV

cc: Ms. Bella Dizon, U.S. EPA, Region IX

# APPENDIX E

## SCAQMD Rule 1466

(Adopted August 5, 1988)(Amended July 14, 1995)(Amended May 11, 2001)

# RULE 1166. VOLATILE ORGANIC COMPOUND EMISSIONS FROM DECONTAMINATION OF SOIL

(a) Applicability

This rule sets requirements to control the emission of Volatile Organic Compounds (VOC) from excavating, grading, handling and treating VOC-contaminated soil as a result of leakage from storage or transfer operations, accidental spillage, or other deposition.

(b) Definitions

(1) EXCAVATION is the process of digging out and removing materials, including any material necessary to that process such as the digging out and removal of asphalt or concrete necessary to expose, dig out and remove known VOC contaminated soil.

(2) GRADING is the process of leveling off to produce a smooth surface including the removal of any material necessary to that process such as asphalt and concrete necessary to expose known VOC contaminated soil.

(3) SOIL DECONTAMINATION MEASURE is any process approved by the Executive Officer to remediate, destroy, remove, or encapsulate VOC and VOC-contaminated soil.

(4) UNDERGROUND STORAGE TANK means any one or combination of tanks, including pipes connected thereto, which is used for the storage of organic liquid which is more than 50% beneath the surface of the ground.

(5) VOC CONTAMINATED SOIL is a soil which registers a concentration of 50 ppm or greater of Volatile Organic Compounds as measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil with an organic vapor analyzer calibrated with hexane.

(6) VOC CONTAMINATED SOIL MITIGATION PLAN is a plan to minimize VOC emissions to the atmosphere during excavation and any subsequent handling of VOC-contaminated soil.

(7) VOLATILE ORGANIC COMPOUND (VOC) is any volatile compound of carbon, excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, and exempt compounds. Exempt compounds are defined in Rule 102—Definition Of Terms.

(8) VOLATILE ORGANIC MATERIALS include gasoline, diesel, crude oil, lubricant, waste oil, adhesive, paint, stain, solvent, resin, monomer, and/or any other material containing VOC.

(c) Requirements

(1) A person excavating an underground storage tank and/or transfer piping storing or previously storing VOC materials, or excavating or grading soil containing VOC materials shall:

(A) Apply for, obtain and operate pursuant to a mitigation plan approved by the Executive Officer prior to commencement of excavation or handling. The mitigation plan general requirement and application requirements are found in Attachment A to this rule. A copy of the approved plan must be on site during the entire excavation period.

(B) Notify the Executive Officer at least 24 hours prior to excavation using a form approved by the Executive Officer which is fully completed.

If the excavation does not commence on start date, renotification is required.

An alternative notification procedure may be authorized for multiple excavations within a single facility, with prior written approval from the Executive Officer.

(C) Monitor for VOC contamination pursuant to subdivision (e), at least once every 15 minutes commencing at the beginning of excavation or grading and record all VOC concentration readings in a format approved by the Executive Officer; and

(D) When VOC-contaminated soil is detected during excavation or grading:

(i) Implement the approved mitigation plan (Attachment A).

(ii) Notify the Executive Officer within 24 hours of detection of VOC-contaminated soil.

(iii) Monitor and record VOC concentration readings as prescribed in the plan. Monitoring records must be kept available on site.

(iv) Keep calibration records for all monitoring instruments available on site.

(2) A person handling VOC-contaminated soil at or from an excavation or grading site shall:

(A) Segregate VOC-contaminated stockpiles from non-VOC contaminated stockpiles such that mixing of the stockpiles does not take place.

(B) Spray VOC-contaminated soil stockpiles with water and/or approved vapor suppressant and cover them with plastic sheeting for all periods of inactivity lasting more than one hour.

(C) Conduct a daily visual inspection of all covered VOC contaminated soil stockpiles to ensure the integrity of the plastic covered surfaces. A daily inspection record must be maintained on site.

(D) Comply with the provisions in subparagraph (c) (1)(A) and clause (c)(1)(D)(i).

(E) Maintain a record of the identification and business addresses of the generator, transporter and storage/treatment facilities. Such record shall be signed by each party at the time custody is transferred.

(F) Treat or remove contaminated soil from an excavation or grading site within 30 days from the time of excavation.

(3) If the VOC concentration in the excavated soil is measured at greater than 1000 ppm, spray the soil with water or vapor suppressant and:

(A) As soon as possible, but not more than 15 minutes, place the soil in sealed containers, or

(B) As soon as possible, but not more than 15 minutes, load into trucks, moisten with additional water, cover and transport off site, or

(C) Implement other alternative storage methods approved in writing by the Executive Officer.

(4) A person treating VOC-contaminated soil shall:

(A) Obtain a permit to construct and operate treatment equipment, as applicable, from the Executive Officer, and

(B) Implement VOC-contaminated soil decontamination measures, as approved by the Executive Officer in writing, which result in Best Available Control Technology applied during all segments, and which include, but are not limited to, at least one of the following:

(i) Installation and operation of an underground VOC collection system and a disposal system prior to excavation.

(ii) Collection and disposal of the VOC from the excavated soil on-site using equipment approved by the Executive Officer.

(iii) Any equivalent VOC-contaminated soil control measure previously approved in writing by the Executive Officer.

(5) A person shall not engage in or allow any on-site or off-site spreading, grading or screening of VOC-contaminated soil, which results in uncontrolled evaporation of VOC to the atmosphere.

(6) Loading trucks for contaminated soil must meet the following:

(A) The truck and trailer shall be adequately tarped prior to leaving the site; no excavated materials shall extend above the sides or rear of the truck or trailer to prevent soil spillage during transport, and

(B) The exterior of the truck, trailer and tires shall be cleaned off prior to the truck leaving the site.

(d) Exemptions

(1) The provisions of this rule shall not apply to the following:

(A) Excavation, handling, and treating of less than one (1) cubic yard of contaminated soil.

(B) Removal of soil for sampling purposes.

(C) Accidental spillage of five (5) gallons or less of VOC containing material.

(2) The provisions of paragraphs (c)(1) and (c)(2) shall not apply to soil excavation or handling as a result of an emergency as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized agency officer. Whenever possible, the Executive Officer shall be notified by telephone prior to commencing such excavation. The Executive Officer shall be notified in writing no later than 48 hours following such excavation. Written notification shall include written emergency declaration from the authorized officer.

(e) Test Methods

(1) A person shall measure excavated soils for volatile organic compounds to determine contamination by:

(A) Using an organic vapor analyzer calibrated with hexane, complying with 40 CFR Part 60 Appendix A, EPA Reference Method 21 Section 3 or any equivalent method with prior approval in writing by the Executive Officer. If other calibrating gases are used, then the measured readings shall be correlated to and expressed as hexane.

(B) Placing the probe inlet at a distance of no more than three inches from the surface of the excavated soil and while slowly moving the probe across the soil surface, observe the instrument readout. If an increased meter reading is observed, continue to sample the excavated soil until the maximum meter reading is obtained. Leave the probe inlet at this maximum reading location for approximately double the instrument response time. If the maximum observed meter reading is greater than the 50 ppm standard in the regulation, record and report the results.

(2) The presence of VOC in stored or spillage materials shall be determined by SCAQMD Method 313 [Determination of Presence of Volatile Organic Compounds (VOC) in Headspace] and/or Method 304 (Determination of Volatile Organic Compounds in Various Materials) contained in the SCAQMD "Laboratory Methods of Analysis for Enforcement Samples" manual.

(f) Enforcement

(1) Violation of any provision of this rule or the violation of the approved mitigation plan shall be grounds for the Executive Officer to amend or revoke the mitigation plan, in addition to penalties provided by the Health & Safety Code.

(2) If the owner or operator is served with a Notice of Violation for creating a public nuisance, the owner or operator shall suspend operation until the public nuisance is mitigated to the satisfaction of the Executive Officer.

ATTACHMENT A
GENERAL MITIGATION PLANS REQUIREMENTS

VOC Contaminated Soil Mitigation Plans shall be written to minimize VOC emissions to the atmosphere during excavation, grading, handling and treatment of VOC contaminated soil. VOC Contaminated Soil Mitigation Plans shall consist of three types: Various Locations, Site Specific and Facility Treatment.

(1) General Requirements

(A) A plan is not transferable.

(B) A person responsible for the excavation, grading or handling of VOC contaminated soil must be completely familiar with the plan and must adhere to the plan requirement. The Executive Officer may require that the plan be signed by the owner and/or operator.

(C) A plan may be amended upon renewal.

(D) Permission to excavate, grade or handle VOC contaminated soil may be withdrawn by the District upon a finding by the Executive Officer that the excavation, grading or handling of the VOC contaminated soil is causing a public nuisance or violating other AQMD rules or regulations.

(2) Various Location Plans:

(A) Shall be limited to the excavation of 2000 cubic yards or less of VOC contaminated soil in any consecutive 12 month period at the same site.

(B) Shall not be used in conjunction with any other various location plan at the same site within a consecutive 12-month period.

(C) Shall expire after one year from issuance unless renewed.

(D) Shall not be issued for nor used for operations that involve grading, soil treatment or remediation, or landfills.

(3) Site Specific Plans:

(A) Shall be for excavation of greater than 2000 cubic yards of VOC contaminated soil.

(B) Shall be issued for specific excavation or grading locations for a period not to exceed two years.

(C) Shall not be renewable.

(4) Facility Treatment Plans:

(A) Shall be issued for a treatment facility at a permanent location.

(B) Shall expire after one year from issuance unless renewed.

(5) Applications for Site Specific Plans shall contain as a minimum:

(A) Reasons for excavation or grading.

(B) Cause of VOC soil contamination and history of the site.

(C) Description of tanks or piping associated with the soil contamination.

(D) An estimate of the amount of contaminated soil.

(E) The operating schedule for excavation and removal.

(F) Description of how the excavation or grading will be conducted.

(G) Description of mitigation measures for dust, odors and VOC.

(H) Details of disposal of VOC contaminated soil, including the ultimate receptor.

(I) Description of monitoring equipment and techniques.

(J) A map showing the facility layout, property line, and surrounding area up to 2500 feet away, and including any schools, residential areas or other sensitive receptors such as hospitals or locations where children or elderly people live or work.

(K) Designation of a person who can conduct a site inspection with the Executive Officer prior to issuance of the plan.

(6) Applications for Facility Treatment Plans shall at a minimum:

(A) Include a list of all AQMD permits to construct or operate which have been issued for that treatment and control equipment.

(B) Provide for the implementation of VOC-contaminated soil decontamination measures, as approved by the Executive Officer in writing, which result in Best Available Control Technology during all operations.

(C) Provide a map showing the facility layout including the location of all proposed VOC and non-VOC contaminated soil stockpiles.

(D) Specify the total amount of VOC contaminated soil proposed to be stockpiled on site.

(E) Provide for VOC contaminated soil stockpiles to be kept moist with water or suppressant and be covered to prevent fugitive emissions.

(F) Provide for VOC contaminated soil stockpiles to be segregated from non-VOC contaminated soil stockpiles.

(G) Provide for maintenance of records for stockpiles according to the source name, address and dates of reception.

(H) Provide for records of the generator, transporter and storage/treatment facilities and indicate their identification and business addresses. Such records shall be signed by each party at the time custody is transferred.

(I) Provide a map showing the facility layout, property line, and surrounding area up to 2500 feet away, and including any schools, residential area or other sensitive receptors such as hospitals, or locations where children or elderly people live or work.

(J) Designation of a person who can conduct a site inspection with the Executive Officer prior to issuance of the plan.

(K) Specify the operating schedule and maximum amount of VOC-contaminated soil proposed to be remediated on a daily basis.

(7) In approving a plan, the Executive Officer require reasonable conditions deemed necessary to ensure the operations comply with the plan and AQMD rules. The conditions may include, but shall not be limited to, procedures for ensuring responsibility for the implementation of the plan, accessibility to the site for AQMD staff, notification of actions required by the plan, identification of emission receptors, monitoring and testing, suppression and covering of stockpiles, prevention of public nuisance from VOC or dust emissions, prevention of fugitive emissions of VOC contaminated soil, loading of truck trailers, and disposal and treatment.

(8) In approving a plan, the Executive Officer may require any records deemed necessary to be maintained by the operator to demonstrate compliance with the plan. Such records shall be retained for at least 2 years and be made available to the Executive officer upon request.

EEC ENVIRONMENTAL

**Corporate Office**
Tel: (714) 667-2300
Fax: (714) 667-2310
One City Boulevard West, Suite 1800
Orange, California 92868
www.eecenvironmental.com

# Soil Vapor Assessment Report

for

Former Pacific Drum Company (Rosemead Holding, LLC)
2200, 2212, 2218, and 2226 North Rosemead Boulevard
South El Monte, California 91733
WIP No. 107.0266, Site ID No. 2040647

April 26, 2023

Prepared for:

Rosemead Holding LLC
221 North Orange Avenue
City of Industry, California 91744

Prepared by:

EEC Environmental
One City Boulevard West, Suite 1800
Orange, California 92868
EEC Project No. S-3597.04T

Bina Patel, GIT
Project Geologist

David Bernier, PG
Principal Geologist

# TABLE OF CONTENTS

1.0 INTRODUCTION ..... 1
2.0 BACKGROUND ..... 1
2.1 Site Location and Description ..... 1
2.2 Geology and Hydrogeology ..... 1
3.0 SCOPE OF WORK ..... 2
3.1 Pre-Drilling Activities ..... 2
3.1.1 Health and Safety Plan ..... 2
3.1.2 Underground Service Alert Mark Out and Geophysical Survey ..... 2
3.2 Soil Vapor Probe Installation and Sampling Activities ..... 2
3.2.1 Boring Advancement and Soil Sampling ..... 2
3.2.2 Soil Vapor Probe Installation ..... 3
3.2.3 Soil Vapor Probe Sampling ..... 3
3.3 Investigation-Derived Waste ..... 4
4.0 SUMMARY OF FINDINGS ..... 4
4.1 Drilling and Soil Sampling Results ..... 4
4.2 Soil Vapor Sampling Results ..... 4
5.0 CONCLUSIONS AND RECOMMENDATIONS ..... 6
6.0 REFERENCES ..... 7

## TABLES

Table 1 Summary of Soil Analytical Results for VOCs
Table 2 Summary of Soil Vapor Analytical Results for VOCs

## FIGURES

Figure 1 Site Location Map
Figure 2 Site Layout and Sample Location Map
Figure 3 Soil Matrix Sample Concentration Map – Select VOCs
Figure 4 Soil Vapor Sample Concentration Map – Select VOCs

## APPENDIX

Appendix A Boring Logs
Appendix B Laboratory Analytical Results and Chain-of-Custody Documentation for Soil Samples
Appendix C Laboratory Analytical Results and Chain-of-Custody Documentation for Soil Vapor Samples
Appendix D Summary of Historical Soil Vapor Analytical Results for VOCs

# 1.0 INTRODUCTION

EEC Environmental (EEC) has prepared this Soil Vapor Assessment Report on behalf of Rosemead Holding, LLC, the current owners of property located at located at 2200, 2212, 2218, and 2226 North Rosemead Boulevard, South El Monte, California (Subject Property; Figure 1, *Site Location Map*).

Soil vapor assessment activities including vapor probe installation and sampling of both new and previously installed probes. All work was conducted in accordance with EEC's Workplan for Installation of Soil Vapor Probes and Site Wide Soil Vapor Sampling (Workplan), dated February 15, 2023 (EEC, 2023a). The Workplan was approved for uploading onto GeoTracker by the Los Angeles Regional Water Quality Control Board (LARWQCB) on February 21, 2022. The Subject Property has undergone a preliminary round of remediation of volatile organic compounds (VOCs) in the soil vapor via soil vapor extraction (SVE). The purpose of this assessment is to evaluate the effectiveness of the SVE system in reducing concentrations of VOCs in soil vapor throughout the Subject Property and to evaluate if releases at the south adjacent Chemrite property are the predominant source of VOC impacts to soil vapor and soil at the Subject Property. This report documents the methods, procedures, and results of the soil vapor probe installation and sampling activities conducted at the Subject Property. The scope of work was completed under the supervision of a California licensed Professional Geologist (PG).

Based on the results of this investigation, EEC concludes that VOCs in soil vapor at the Subject Property are overwhelmingly sourced from the adjacent former Chemrite property.

# 2.0 BACKGROUND

## 2.1 Site Location and Description

The Subject Property is an approximately 5.1-acre industrial lot located at 2200-2226 North Rosemead Boulevard, South El Monte, California. In February 2022, the onsite buildings were demolished in preparation for redevelopment. As a result, the Subject Property currently consists primarily of remnant building pads and footings with the remainder of the Subject Property consisting of asphalt and concrete paved areas and a small unpaved lot to the southeast.

A soil vapor extraction (SVE) system was installed on Subject Property and operated from July 2022 to December 2022. An estimated 5.7 pounds of VOCs were removed by the system. Data related to the operation of the system was reported to the LARWQCB in EEC's Fourth Quarter 2022 Remedial Progress Report, dated January 31, 2023 (EEC, 2022a). The SVE system was turned off in December 2022, for the purposes of evaluating its effectiveness.

## 2.2 Geology and Hydrogeology

The Subject Property lies within the Los Angeles Basin, a structural depression located within Southern California. The Los Angeles Basin is a northwest-trending plain bounded by the Transverse Ranges Province to the north and the Peninsular Ranges Province to the southeast. A majority of the strata in the basin consists primarily of marine to late Cretaceous to recent Quaternary deposits (CDWR, 1961). Based on current and previous investigations at the Subject Property, soil beneath the Subject Property varies but generally consists of fine-grained sand, silty sand, and clay in the upper 25 to 40 feet followed by interbedded layers of fine to coarse grained sand, clay, silt, and silty sand.

The Subject Property lies within the San Gabriel Valley Groundwater Basin which is bounded on the north by the Raymond fault and the contact between Quaternary sediments and consolidated basement rocks of the San Gabriel Mountains, on the south and west by consolidated rocks of the Repetto, Merced, and Puente Hills, and on the east by the Chino fault and the San Jose fault (DWR, 2004). The Subject Property

is also located within the South El Monte Operable Unit (SEMOU) which addresses contaminated groundwater underlying the city of South El Monte, and portions of the cities of El Monte and Rosemead. The SEMOU is mainly characterized by shallow groundwater contamination, primarily consisting of volatile organic compounds (VOCs), perchlorate, and 1,4-dioxane in the upper 100 feet of the aquifer (San Gabriel Basin Water Quality Authority, March 2020).

Based on the groundwater monitoring event conducted by EEC in January 2023, depth to groundwater beneath the Subject property ranged from 53.30 to 56.10 feet below top of casing (TOC) in the monitoring wells. The groundwater flow direction was measured to the west-southwest at a gradient of 0.0075 feet per foot (ft/ft) (EEC, 2023b). Groundwater sampling revealed that VOCs of concern are either below or slightly above the Maximum Contaminant Levels (MCLs). Recent groundwater results were presented in EEC's Groundwater Well Installation and Sampling Report, dated February 2, 2023.

# 3.0 SCOPE OF WORK

The scope of work as outlined in EEC's Workplan included the installation of 20 new soil vapor probes and sampling of these probes in addition to 6 existing onsite soil vapor probes previously installed in 2020 and 2021 (Figure 2, *Site Layout and Sample Location Map*).

## 3.1 Pre-Drilling Activities

### *3.1.1 Health and Safety Plan*

To protect workers, a site-specific health and safety plan (HASP) was developed to inform all site workers of potential risks during field sampling activities and to provide engineering controls to avoid physical and chemical hazards. The HASP addressed potential physical and chemical hazards associated with field operations and risks associated with drilling equipment. The HASP outlined the steps to prevent exposures from related site activities. The HASP also described the safe use of equipment, evaluation of hazards, safe investigation procedures, personal protective equipment, emergency procedures, and training required to conduct the site assessment under typical Hazardous Waste Operations and Emergency Response protocols.

### *3.1.2 Underground Service Alert Mark Out and Geophysical Survey*

The proposed boring locations were marked with white spray paint and Underground Service Alert (USA) was contacted at least 48 hours prior to drilling activities. The USA ticket number for this project is A230600237-00A.

A geophysical survey was also conducted by SoCal Locators of Fontana, California. The geophysical survey was performed using several geophysical methods, including ground penetrating radar and electromagnetic utility location. Detected utilities and subsurface features/obstructions were marked on the ground with paint in a color code established by the American Public Works Association. No obstructions were identified in the proposed drilling locations.

## 3.2 Soil Vapor Probe Installation and Sampling Activities

### *3.2.1 Boring Advancement and Soil Sampling*

From March 7 through March 8, 2023, a total of eleven borings (HP-5 through HP-15), were advanced at the Subject Property. Prior to advancement, the asphalt or concrete surface at each location was cored, and the upper five feet hand-augered to minimize the potential for contacting subsurface utilities. Nine

of the borings (HP-6, and HP-8 through HP-15), were further advanced utilizing a direct push drill rig to total depths of 15 feet bgs. During boring advancement, soil samples were collected at depths of five feet bgs and at every five feet thereafter until total depth, as applicable. Soil samples were collected by advancing the direct-push boring to a point immediately above the sample target depth. A percussion hammer outfitted with a 1.5-inch diameter hollow rod containing a clear acetate sleeve was driven approximately 5 feet into undisturbed soil. The rods were then withdrawn from the boring and the acetate sleeve removed. Following sample retrieval, the lowermost intact portion of the sleeve was cut, covered with Teflon sheets, and sealed with plastic end caps. This process was repeated until the total depth of the boring was achieved.

The soil encountered in each boring was logged in accordance with the Unified Soil Classification System (USCS). The soil was also screened for volatile organic vapor concentrations using a photoionization detector (PID). A portion of the soil was placed in a sealable plastic bag for approximately 10 minutes. The organic vapor concentration in the headspace of the plastic bag was then measured using a calibrated PID. The soil types, sampling depths, and PID readings are presented on boring logs included in Appendix A, *Boring Logs*.

### *3.2.2 Soil Vapor Probe Installation*

Following completion of soil sampling, soil vapor probes were installed at depths of 5 feet bgs in borings HP-5 and HP-7 and at depths of 5 feet and 15 feet bgs in borings HP-6 and HP-8 through HP-15. The soil vapor probes were installed by extending 0.25-inch diameter polyetheretherketone (PEEK) tubing fitted with a 1-inch-long probe screen placed near the bottom of an approximately 1-foot-thick filter pack of No. 3 sand. Dry granular bentonite was poured approximately 1 foot above the sand pack and hydrated bentonite was poured above the dry bentonite to the next interval or the surface. The same installation process was repeated for the 5-foot interval in the multi-depth probes. This construction design is in general accordance with the DTSC July 2015 *Advisory on Active Soil Gas Investigations* (DTSC 2015 Advisory). Following installation, the soil vapor probes were secured in a 5-inch traffic rated well box encased in concrete. Soil vapor probes construction details are included on the boring logs (Appendix A, *Boring Logs*).

### *3.2.3 Soil Vapor Probe Sampling*

Per the DTSC 2015 Advisory requirements, the newly installed soil vapor probes were allowed to equilibrate for a minimum of 48 hours prior to sample collection. Soil vapor sampling was conducted by an onsite mobile laboratory from A&R Laboratories, Inc. (A&R) under the supervision of EEC.

A & R Laboratories, Inc. (A&R) of Ontario, California conducted soil vapor sampling activities from the newly installed probe locations (HP-5 through HP-15) and select existing soil vapor probe locations (HP-1 through HP-4, LV-3, and LV-5) in an on-site mobile laboratory. Following the observance of the minimum equilibration time (48 hours) recommended by the DTSC, each probe was purged of stagnant air (3 purge volumes) using a standard vacuum pump with a flow not to exceed approximately 200 milliliters per minute (mL/min). During sampling, a cloth doused with the leak detection compound (LDC) isopropanol (IPA) was placed beside the sample train. The LDC was used to expose potential leaks between the probe tubing, joints in the sampling train, and the surface during sample collection. The LDC was analyzed by the mobile laboratory as a Quality Assurance / Quality Control (QC/QC) measure. Following purging operations, the soil-vapor samples were collected using a glass syringe extracting at a rate not to exceed 200 mL/min. The collected samples were analyzed on-site for VOCs by the A&R laboratory technician in accordance with USEPA Method 8260.

Due to irregularity in the results from HP-4 at 40 feet bgs (further discussed below), three additional soil vapor samples were collected from HP-4 by EEC personnel consistent with DTSC approved sampling techniques. The soil vapor probe was purged of stagnant air (3 purge volumes) using a standard vacuum pump with a flow not to exceed approximately 200 mL/min. Following purging operations, the soil vapor samples were collected in 1-liter tedlar bags and transported immediately to the laboratory for analysis of VOCs by USEPA Method 8260B.

## 3.3 Investigation-Derived Waste

One 55-gallon drum of soil was generated during the drilling activities. The drum was labeled and is temporarily stored onsite pending disposal. Waste disposal manifests of the soil will be issued under a separate cover.

# 4.0 SUMMARY OF FINDINGS

Soil sample analytical results for VOCs are provided in Table 1, *Summary of Soil Analytical Results for VOCs*. Soil vapor analytical results for VOCs are provided in Table 2, *Summary of Soil Vapor Analytical Results for VOCs*. Laboratory results where analyte concentrations were not detected above the laboratory method detection limit (MDL) are identified as ND. Analyte concentrations detected above the MDL but below the reporting limit (RL) are considered estimated values and are reported with a J-flag qualifier. The J-flag qualifier is defined as a detection between the method detection limit (MDL) and reporting limit (RL).

The 2019 San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESLs) were used to evaluate soil and soil vapor results. While the Subject Property is not located in the San Francisco Region, the ESLs were used because they are the most current comprehensive and conservative set of screening levels. For soil and soil vapor analytical test results, the cancer risk value for ESLs was used unless not available; when not available, the non-cancer risk value was used. The results were evaluated using the industrial/commercial screening criteria.

The distribution of concentrations of select VOCs in soil matrix samples is shown in Figure 3, *Soil Matrix Sample Concentration Map – Select VOCs.* The distribution of concentrations of select VOCs in soil vapor samples is shown in Figure 4, *Soil Vapor Sample Concentration Map – Select VOCs*. Laboratory analytical reports and chain of custody documentation for soil samples are provided in Appendix B, *Laboratory Analytical Reports and Chain-of-Custody Documentation for Soil Samples*. Laboratory analytical reports and chain of custody documentation for soil vapor samples are provided in Appendix C, *Laboratory Analytical Reports and Chain-of-Custody Documentation for Soil Vapor Samples*.

## 4.1 Drilling and Soil Sampling Results

- Soil encountered during drilling of borings HP-5 through HP-15 generally consisted of fine-grained sand, silty sand, and silt to total depths of explored (5 to 15 feet bgs).
- Various VOCs were detected in several soil samples collected; however, the concentrations did not exceed their respective commercial SFRWQCB ESLs.

## 4.2 Soil Vapor Sampling Results

- Concentrations of PCE in the soil vapor samples exceeded the commercial ESL of 67 micrograms per cubic meter ($\mu g/m^3$) in twenty-two of the thirty-five soil vapor samples collected. Concentrations of PCE in these samples ranged from 80 $\mu g/m^3$ to 56,000 $\mu g/m^3$.

- Concentrations of TCE exceeded the commercial ESL of 100 µg/m$^3$ in sixteen of the thirty-five soil vapor samples collected. Concentrations of TCE in these samples ranged from 110 µg/m$^3$ to 2,000 µg/m$^3$.
- Concentrations of cis-1,2-dichloroethene exceeded the commercial ESL of 1,200 µg/m$^3$ in four of the thirty-five soil vapor samples collected. Concentrations of cis-1,2-dichloroethene in these samples ranged from 1,300 µg/m$^3$ to 5,900 µg/m$^3$.
- Concentrations of vinyl chloride exceeded the commercial ESL of 5.2 µg/m$^3$ in nine of the thirty-five soil vapor samples collected. Concentrations of vinyl chloride in these samples ranged from 12 (J) µg/m$^3$ to 6,900 µg/m$^3$. An anomalous vinyl chloride detection (11,000 µg/m$^3$) was identified in sample HP-4-40' on March 28, 2023. This anomalous detections and subsequent sampling that confirmed the anomalous nature of the initial sample are further detailed below.
- Concentrations of benzene exceeded the commercial ESL of 14 µg/m$^3$ in six of the thirty-five soil vapor samples collected. Concentrations of benzene in these samples ranged from 20 J µg/m$^3$ to 760 µg/m$^3$.
- Concentrations of ethylbenzene exceeded the commercial ESL of 160 µg/m$^3$ in six of the thirty-five soil vapor samples collected. Concentrations of ethylbenzene in these samples ranged from 160 µg/m$^3$ to 4,100 µg/m$^3$.
- Concentrations of toluene exceeded the commercial ESL 44,000 µg/m$^3$ in two of the thirty-five soil vapor samples collected. Concentrations of toluene in these samples ranged from 45,000 µg/m$^3$ to 47,000 µg/m$^3$.
- Concentrations of xylenes exceeded the commercial ESL of 15,000 µg/m$^3$ (for m,p-xylenes and o-xylenes combined) in one of the thirty-five soil vapor samples collected. The concentration of total xylenes in this sample was 15,800 µg/m$^3$.
- Concentrations of 1,1-dichloroethane exceeded the commercial ESL of 260 µg/m$^3$ in seven of the thirty-five soil vapor samples collected. Concentrations of 1,1-dichloroethane in these samples ranged from 420 µg/m$^3$ to 2,700 µg/m$^3$.
- Concentrations of 1,2-dichloroethane exceeded the commercial ESL of 16 µg/m$^3$ in three of the thirty-five soil vapor samples collected. Concentrations of 1,2-dichloroethane in these samples ranged from 120 µg/m$^3$ to 150 µg/m$^3$.
- Other VOCs detected included trans-1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, isopropyl benzene, trichlorofluoromethane, trichlorotrifluoromethane, n-propyl benzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene. However, concentrations of these constituents were only detected below their respective commercial ESLs.
- Concentrations of various VOCs, including vinyl chloride and benzene, toluene, ethylbenzene, and xylenes (BTEX) detected in the March 28, 2023 soil vapor sample from probe HP-4-40 were inconsistent with previous results at this location (Appendix D, *Summary of Historical Soil Vapor Analytical Results for VOCs)*. To re-evaluate VOCs detected in the soil vapor at this probe location, three additional soil vapor samples were collected from this location, one of which was sent to Eurofins Calscience in Tustin, California, for analysis. VOC concentrations from the three additional soil vapor samples were significantly different (i.e., lower) from the soil vapor sample collected on March 28, 2023, but consistent with each other. Because the three subsequent samples were consistent with each other, and with prior test results at this location, the March, 28, 2023 sample result is anomalous and not representative of soil vapor conditions at that location. The results from the four soil vapor samples collected from this probe are included in

Table 2, Figure 4, and Appendix D; however, the results from the March 28, 2023 soil vapor sample are not included in the above summary of VOC constituent results because it is anomalous, not representative, and of little analytical value.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this assessment, soil vapor at the Subject Property remains impacted by VOCs at concentrations above regulatory screening levels established for a commercial setting due to significant contamination migrating from the adjacent Chemrite property. PCE and TCE were generally detected at the highest concentrations at sample locations adjacent to the former Chemrite site. VOC concentrations of these constituents are generally one to two orders of magnitude higher near the former Chemrite site than at other portions of the Subject Property. The highest PCE detection of 56,000 µg/$m^3$ was identified in probe HP-9-15' which is located less than 20 feet from the Chemrite property. Further, the detected concentrations at the Subject Property are generally consistent with PCE and TCE levels detected at the former Chemrite site based on recent soil vapor data shared by the LARWQCB (December 2022). PCE has been reported as high as 130,000 µg/$m^3$ (Chemrite probe SV-03) from sampling conducted at the Chemrite site as recently as November 2022. Chemrite probe SV-03 is located less than 40 feet from the detection of 56,000 µg/$m^3$ in onsite probe HP-9-15'. The proximity of these elevated VOCs and the data collected throughout the Site points directly to Chemrite as the primary source of VOC impacts at and near the Subject Property.

One additional isolated area of concern was identified in the southeast portion of the Subject Property at the location of probe HP-4. It appears that localized impacts from former onsite operations resulted in the presence of VOCs and petroleum hydrocarbon-related products in the subsurface. Testing associated with this sampling event indicates that a release at that location may have occurred. Further, the chemical signature of the soil vapor samples collected from this location were found to be different (including detections of BTEX and PCE breakdown products) from those near and surrounding the former Chemrite site, indicating that this isolated area of concern is not associated with the significantly larger release(s) at the former Chemrite site. Potential impacts in the vicinity of HP-4 are limited to the upper five (5) feet of soil.

Based on these conclusions, the overwhelming majority of the VOC impacts at the Subject Property are sourced from the former Chemrite site. Further onsite SVE remediation will only continue to pull the Chemrite plume onto the Subject Property. Our client is not responsible for remediating Chemrite's contamination. The Limited Soil Remediation Work Plan, to be performed by Leighton, will address the majority of VOCs in soil vapor resulting from the former onsite operations at the Subject Property, including in the vicinity of HP-4.

Based on the above findings and conclusions, EEC has the following recommendations:

1. Removal of the SVE system and proper abandonment of the associated extraction wells.
2. Limited shallow soil excavation in the vicinity of HP-4 as part of the activities proposed under the Limited Soil Remediation Work Plan for the Eastern Portion of 2200 North Rosemead Boulevard (Leighton, 2023).
3. Further evaluation and remediation of the former Chemrite site by the San Gabriel Basin Water Quality Authority, LARWQCB, or other responsible parties.

## 6.0 REFERENCES

California Department of Water Resources (1961). Planned Utilization of the Groundwater Basins of the Coastal Plan of Los Angeles County. Bulletin No. 104.

California Department of Water Resources (2004). *California's Groundwater Bulletin 118, South Coast Hydrologic Region, San Gabriel Valley Groundwater Basin*. February 27, 2004.

Department of Toxic Substances Control (2015). *Advisory Active Soil Gas Investigations*. July 15.

EEC Environmental. (2022a). *Fourth Quarter 2022 Remedial Progress Report, 2220 North Rosemead Boulevard, South El Monte, California*. January *1*, 2023.

EEC Environmental. (2023a). *Workplan for Installation of Soil Vapor Probes and Site Wide Soil Vapor sampling, 2220 North Rosemead Boulevard, South El Monte, California.* February 15, 2023.

EEC Environmental (2023b). *Groundwater Well Installation and Sampling Report, Former Pacific Drum Company (Rosemead Holding, LLC), 2200, 2212, 2218, and 2226 North Rosemead Boulevard, South El Monte, California 91733, WIP No. 107.0266, Site ID No. 2040647.*

San Gabriel Basin Water Quality Authority (2020). *San Gabriel Basin Groundwater Quality Management and Remediation Plan*. March 18, 2020.

San Francisco Regional Water Quality Control Board (2019). *Environmental Screening Levels, Rev. 2*. 2019.

United States Geological Survey. (2018). 7.5 Minute Series Topographic Quadrangle Map, El Monte, California.

# Tables

**Table 1, Summary of Soil Analytical Results for VOCs**
Rosemead Holding / PDC
2200 North Rosemead Boulevard
South El Monte, California

| Sample ID | Depth (ft bgs) | Date Sampled | VOCs by USEPA Method 8260B (ug/kg) | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | 1,1-DCA | 2-Butanone | Acetone | Benzene | cis-1,2-DCE | Carbon disulfide | Ethanol | Ethyl-benzene | Isopropyl-benzene | TBA | Toluene | MTBE | 1,2,4-TMB | 1,3,5-TMB | o-Xylene | m,p-Xylene | Naph-thalene | n-Butyl-benzene | N-Propyl-benzene | p-Isopropyl-toluene | sec-Butyl-benzene | Other VOCs |
| HP-5-5 | 5 | 3/8/2023 | ND<0.18 | ND<0.32 | ND<0.23 | **4.0 J** | 67 | 4.6 | ND<0.28 | 0.71 J | ND<76 | 0.57 J | ND<0.23 | 41 | 3.3 | ND<0.15 | ND<0.49 | ND<0.22 | 0.27 J | 0.51 J | ND<3.2 | ND<0.17 | ND<0.21 | ND<0.23 | ND<0.23 | ND |
| HP-6-5 | 5 | 3/8/2023 | ND<0.18 | ND<0.32 | ND<0.23 | ND<3.7 | 30 | 0.83 | ND<0.28 | ND<0.33 | ND<75 | ND<0.17 | ND<0.23 | 19 | 0.27 J | ND<0.15 | ND<0.49 | ND<0.22 | ND<0.21 | ND<0.39 | ND<3.2 | ND<0.17 | ND<0.21 | ND<0.23 | ND<0.22 | ND |
| HP-6-10 | 10 | 3/8/2023 | ND<0.26 | ND<0.45 | ND<0.32 | ND<5.2 | 56 | ND<0.30 | ND<0.39 | ND<0.46 | ND<110 | ND<0.24 | ND<0.32 | 36 | ND<0.31 | ND<0.22 | ND<0.69 | ND<0.31 | ND<0.30 | ND<0.55 | ND<4.5 | ND<0.24 | ND<0.30 | ND<0.33 | ND<0.32 | ND |
| HP-6-15 | 15 | 3/8/2023 | ND<0.22 | ND<0.38 | ND<0.28 | ND<4.5 | 51 | ND<0.26 | ND<0.34 | ND<0.40 | 130 J | ND<0.21 | ND<0.27 | 29 | ND<0.27 | ND<0.19 | ND<0.60 | ND<0.27 | ND<0.25 | ND<0.47 | ND<3.9 | ND<0.21 | ND<0.26 | ND<0.28 | ND<0.27 | ND |
| HP-7-5 | 5 | 3/8/2023 | ND<0.19 | ND<0.32 | ND<0.23 | ND<3.8 | 38 | 0.35 J | ND<0.28 | ND<0.33 | ND<77 | ND<0.17 | ND<0.23 | 23 | 0.31 J | ND<0.16 | ND<0.50 | ND<0.22 | ND<0.21 | ND<0.40 | ND<3.3 | ND<0.18 | ND<0.22 | ND<0.24 | ND<0.23 | ND |
| HP-8-5 | 5 | 3/8/2023 | 0.26 J | ND<0.31 | ND<0.23 | ND<3.7 | 25 | 0.55 J | ND<0.27 | ND<0.33 | ND<75 | ND<0.17 | ND<0.22 | 14 J | ND<0.22 | ND<0.15 | ND<0.49 | ND<0.22 | ND<0.21 | ND<0.38 | ND<3.2 | ND<0.17 | ND<0.21 | ND<0.23 | ND<0.22 | ND |
| HP-8-10 | 10 | 3/8/2023 | ND<0.22 | ND<0.39 | ND<0.28 | ND<4.5 | 55 | ND<0.26 | ND<0.34 | ND<0.40 | ND<93 | ND<0.21 | ND<0.28 | 30 | ND<0.27 | ND<0.19 | ND<0.60 | ND<0.27 | ND<0.26 | ND<0.48 | ND<3.9 | ND<0.21 | ND<0.26 | ND<0.28 | ND<0.28 | ND |
| HP-8-15 | 15 | 3/8/2023 | 3.2 | 1.4 J | ND<0.27 | ND<4.3 | 53 | ND<0.25 | ND<0.32 | ND<0.38 | ND<88 | ND<0.20 | ND<0.26 | 33 | ND<0.26 | ND<0.18 | ND<0.57 | ND<0.25 | ND<0.24 | ND<0.45 | ND<3.7 | ND<0.20 | ND<0.25 | ND<0.27 | ND<0.26 | ND |
| HP-9-5 | 5 | 3/7/2023 | 33 | 0.92 J | ND<0.25 | ND<4.0 | 56 | 4.4 | ND<0.30 | ND<0.35 | ND<82 | 0.60 J | ND<0.24 | 42 | 3.3 | ND<0.17 | ND<0.53 | ND<0.24 | 0.33 J | 0.95 J | ND<3.5 | ND<0.19 | ND<0.23 | ND<0.25 | ND<0.24 | ND |
| HP-9-10 | 10 | 3/7/2023 | 12 | 0.41 J | ND<0.29 | ND<4.6 | 50 | ND<0.26 | ND<0.34 | ND<0.41 | ND<94 | ND<0.21 | ND<0.28 | 35 | ND<0.27 | ND<0.19 | ND<0.61 | ND<0.27 | ND<0.26 | ND<0.48 | ND<4.0 | ND<0.21 | ND<0.27 | ND<0.29 | ND<0.28 | ND |
| HP-9-15 | 15 | 3/7/2023 | 5.9 | 0.42 J | ND<0.29 | ND<4.7 | 60 | ND<0.27 | ND<0.35 | ND<0.42 | ND<96 | ND<0.22 | ND<0.29 | 37 | ND<0.28 | ND<0.20 | ND<0.63 | ND<0.28 | ND<0.27 | ND<0.49 | ND<4.1 | ND<0.22 | ND<0.27 | ND<0.29 | ND<0.29 | ND |
| HP-10-5 | 5 | 3/7/2023 | 1.4 | ND<0.32 | ND<0.23 | ND<3.7 | 25 | 2.7 | ND<0.28 | ND<0.33 | ND<75 | 0.44 J | ND<0.23 | 17 | 2.3 | ND<0.15 | ND<0.49 | ND<0.22 | 0.26 J | 0.68 J | ND<3.2 | ND<0.17 | ND<0.21 | ND<0.23 | ND<0.22 | ND |
| HP-10-10 | 10 | 3/7/2023 | 6.7 | 0.48 J | ND<0.32 | ND<5.2 | 61 | 0.51 J | ND<0.39 | ND<0.46 | 250 J | ND<0.24 | ND<0.32 | 83 | ND<0.31 | ND<0.22 | ND<0.69 | ND<0.31 | ND<0.30 | ND<0.55 | ND<4.5 | ND<0.24 | ND<0.30 | ND<0.33 | ND<0.32 | ND |
| HP-10-15 | 15 | 3/7/2023 | 0.28 J | ND<0.47 | ND<0.34 | ND<5.5 | 53 | ND<0.31 | ND<0.41 | ND<0.49 | 290 J | ND<0.25 | ND<0.33 | 120 | ND<0.33 | ND<0.23 | ND<0.73 | ND<0.32 | ND<0.31 | ND<0.57 | ND<4.8 | ND<0.26 | ND<0.32 | ND<0.34 | ND<0.33 | ND |
| HP-11-5 | 5 | 3/7/2023 | ND<0.16 | ND<0.28 | ND<0.20 | 4.8 J | 77 | 2.5 | ND<0.24 | ND<0.29 | ND<67 | 0.33 J | ND<0.20 | 73 | 1.5 | ND<0.14 | ND<0.43 | ND<0.19 | 0.20 J | 0.52 J | ND<2.8 | ND<0.15 | ND<0.19 | ND<0.20 | ND<0.20 | ND |
| HP-11-10 | 10 | 3/7/2023 | 0.88 J | ND<0.43 | ND<0.31 | ND<5.0 | 41 | 0.65 J | ND<0.37 | ND<0.44 | ND<100 | ND<0.23 | ND<0.30 | 28 | ND<0.30 | ND<0.21 | ND<0.66 | ND<0.29 | ND<0.28 | ND<0.52 | ND<4.3 | ND<0.23 | ND<0.29 | ND<0.31 | ND<0.30 | ND |
| HP-11-15 | 15 | 3/7/2023 | ND<0.23 | ND<0.40 | ND<0.29 | ND<4.6 | 55 | ND<0.27 | ND<0.35 | ND<0.41 | 280 | ND<0.21 | ND<0.28 | 46 | ND<0.28 | ND<0.19 | ND<0.62 | ND<0.28 | ND<0.26 | ND<0.49 | ND<4.0 | ND<0.22 | ND<0.27 | ND<0.29 | ND<0.28 | ND |
| HP-12-5 | 5 | 3/7/2023 | 0.55 J | ND<0.40 | ND<0.29 | ND<4.7 | 61 | 0.70 J | ND<0.35 | ND<0.41 | ND<95 | ND<0.21 | ND<0.29 | 39 | 0.41 J | ND<0.19 | ND<0.62 | ND<0.28 | ND<0.26 | ND<0.49 | ND<4.1 | ND<0.22 | ND<0.27 | ND<0.29 | ND<0.28 | ND |
| HP-12-10 | 10 | 3/7/2023 | 3.0 | ND<0.39 | ND<0.28 | ND<4.5 | 64 | 0.43 J | ND<0.34 | ND<0.40 | 110 J | ND<0.21 | ND<0.28 | 65 | ND<0.27 | ND<0.19 | ND<0.60 | ND<0.27 | ND<0.26 | ND<0.47 | ND<3.9 | ND<0.21 | ND<0.26 | ND<0.28 | ND<0.27 | ND |
| HP-12-15 | 15 | 3/7/2023 | ND<0.34 | ND<0.59 | ND<0.43 | ND<6.9 | 110 | ND<0.39 | ND<0.51 | ND<0.61 | ND<140 | ND<0.31 | ND<0.42 | 540 | ND<0.41 | ND<0.29 | ND<0.91 | ND<0.41 | ND<0.39 | ND<0.72 | ND<6.0 | ND<0.32 | ND<0.40 | ND<0.43 | ND<0.42 | ND |
| HP-13-5 | 5 | 3/7/2023 | ND<0.20 | ND<0.35 | ND<0.26 | ND<4.1 | 43 | 0.37 J | ND<0.31 | ND<0.37 | ND<84 | ND<0.19 | ND<0.25 | 35 | 0.26 J | **1.4 J** | ND<0.55 | ND<0.24 | ND<0.23 | 0.46 J | ND<3.6 | ND<0.19 | ND<0.24 | ND<0.26 | ND<0.25 | ND |
| HP-13-10 | 10 | 3/7/2023 | ND<0.22 | ND<0.38 | 0.30 J | ND<4.4 | 65 | ND<0.25 | **0.74 J** | **0.44 J** | ND<90 | ND<0.20 | ND<0.27 | 42 | ND<0.26 | **0.40 J** | ND<0.58 | ND<0.26 | ND<0.25 | ND<0.46 | ND<3.8 | ND<0.20 | ND<0.25 | ND<0.27 | ND<0.27 | ND |
| HP-13-15 | 15 | 3/7/2023 | ND<0.21 | ND<0.36 | ND<0.26 | ND<4.3 | 49 | ND<0.24 | ND<0.32 | **0.48 J** | ND<87 | ND<0.19 | ND<0.26 | 28 | ND<0.25 | ND<0.18 | ND<0.57 | ND<0.25 | ND<0.24 | ND<0.45 | ND<3.7 | ND<0.20 | ND<0.25 | ND<0.27 | ND<0.26 | ND |
| HP-14-5 | 5 | 3/8/2023 | 1.9 | ND<0.32 | ND<0.24 | ND<3.8 | 28 | 1.4 | ND<0.28 | ND<0.34 | ND<77 | ND<0.17 | ND<0.23 | 13 J | 0.44 J | ND<0.16 | ND<0.50 | ND<0.22 | ND<0.21 | ND<0.40 | ND<3.3 | ND<0.18 | ND<0.22 | ND<0.24 | ND<0.23 | ND |
| HP-14-10 | 10 | 3/8/2023 | ND<0.24 | ND<0.41 | ND<0.30 | ND<4.8 | 48 | ND<0.27 | ND<0.36 | ND<0.42 | ND<98 | ND<0.22 | ND<0.29 | 27 | ND<0.28 | ND<0.20 | ND<0.64 | ND<0.28 | ND<0.27 | ND<0.50 | ND<4.2 | ND<0.22 | ND<0.28 | ND<0.30 | ND<0.29 | ND |
| HP-14-15 | 15 | 3/8/2023 | 0.67 J | ND<0.43 | ND<0.31 | ND<5.0 | 56 | ND<0.29 | ND<0.37 | ND<0.44 | ND<100 | ND<0.23 | ND<0.31 | 28 | ND<0.30 | ND<0.21 | ND<0.67 | ND<0.30 | ND<0.28 | ND<0.53 | ND<4.4 | ND<0.23 | ND<0.29 | ND<0.31 | ND<0.30 | ND |
| HP-15-5 | 5 | 3/7/2023 | 0.33 J | ND<0.30 | ND<0.21 | 29 | 94 | 45 | ND<0.26 | ND<0.31 | ND<71 | 13 | 1.1 | 52 | 55 | ND<0.14 | 3.6 | 1.3 J | 7.1 | 16 | 8.2 | 0.48 J | 1.60 | 0.30 J | 0.22 J | ND |
| HP-15-10 | 10 | 3/7/2023 | 12 | 1.0 J | ND<0.27 | ND<4.4 | 39 | 0.29 J | ND<0.33 | ND<0.39 | ND<90 | ND<0.20 | ND<0.27 | 19 J | ND<0.26 | ND<0.18 | ND<0.59 | ND<0.26 | ND<0.25 | ND<0.46 | ND<3.8 | ND<0.21 | ND<0.25 | ND<0.28 | ND<0.27 | ND |
| HP-15-15 | 15 | 3/7/2023 | 0.63 J | ND<0.34 | ND<0.24 | ND<3.9 | 37 | ND<0.22 | ND<0.29 | ND<0.35 | ND<80 | ND<0.18 | ND<0.24 | 27 | ND<0.23 | ND<0.16 | ND<0.52 | ND<0.23 | ND<0.22 | ND<0.41 | ND<3.4 | ND<0.18 | ND<0.23 | ND<0.25 | ND<0.24 | ND |
| *San Francisco Regional Water Quality Control Board Environmental Screening Levels [1]* | | | *2,700* | *6,100* | *16,000* | *200,000,000 [2]* | *670,000,000 [2]* | *1,400* | *85,000 [2]* | *NE* | *NE* | *26,000* | *NE* | *NE* | *5,300,000 [2]* | *210,000* | *NE* | *NE* | *2,500,000 [2]* | | *17,000* | *NE* | *NE* | *NE* | *NE* | *Various* |

**Key:**

DCE = dichloroethene

DCA = 1,1-Dichloroethane

ft bgs = feet below ground surface

J = Concentration is an estimated value between the MDL and Reporting Limit (RL)

MTBE = Methyl-t-Butyl Ether

ND<X = not detected above the indicated method detection limit (MDL)

NE = Not Established

PCE = tetrachloroethene

TCE = trichloroethene

TBA = tert-Butyl alcohol

TMB = Trimethylbenzene

2-Butanone = Methyl ethyl ketone (MEK)

USEPA = United States Environmental Protection Agency

VOCs = volatile organic compounds

µg/kg = micrograms per kilogram

**Notes:**

[1] = SFRWQCB ESLs Soil Screening Levels, updated 2019; commercial/industrial shallow soil exposure (cancer risk)

[2] = SFRWQCB ESLs Soil Screening Levels, updated 2019; commercial/industrial shallow soil exposure (non-cancer risk)

**BOLD** = Exceeds screening level value

**Table 2, Summary of Soil Vapor Analytical Results for VOCs**
Rosemead Holding / PDC
2200 North Rosemead Boulevard
South El Monte, California

| Sample ID[1] | Depth (ft bgs) | Date Sampled | VOCs by USEPA Method 8260B ($ug/m^3$) | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | cis-1,2-DCE | tran-1,2-DCE | Vinyl Chloride | Benzene | Ethylbenzne | Toluene | m,p-Xylenes | o-Xylene | MTBE | Chloroform | 1,1,1-TCA | 1,1-DCA | 1,1-DCE | 1,2-DCA | Isopropyl benzene | Trichloro-fluoro-methane | Trichloro-trifluoro-ethane | n-Propyl-benzene | 1,2,4 TMB | 1,3,5 TMB | Other VOCs |
| HP-1-30 | 30 | 3/28/2023 | **900** | **230** | 50 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-1-40 | 40 | 3/28/2023 | 20 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-2-30 | 30 | 3/28/2023 | **6,500** | **1,300** | 200 | 30 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | 60 | ND<12.5 | ND<12.5 | ND<12.5 | 40 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-2-40 | 40 | 3/28/2023 | **530** | 90 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-3-30 | 30 | 3/28/2023 | 20 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-3-40 | 40 | 3/28/2023 | **4,800** | **1,300** | 40 | 30 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | 230 | ND<12.5 | ND<12.5 | ND<12.5 | 100 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-4-5 | 5 | 3/28/2023 | **850** | **380** | **5,900** | 110 | **6,900** | **760** | **4,100** | **45,000** | **12,000** | **3,800** | ND<12.5 | ND<7.8 | ND<12.5 | **2,700** | 50 | **150** | 150 | ND<12.5 | ND<12.5 | 120 | 250 | 120 | ND |
| HP-4-5-DUP | 5 | 3/28/2023 | **460** | **380** | **4,300** | 100 | **6,200** | **680** | **2,900** | **47,000** | 9,700 | 2,600 | ND<50 | ND<31 | ND<50 | **2,300** | 50 J | **120** | 90 J | ND<50 | ND<50 | 80 J | 120 J | 60 J | ND |
| HP-4-15 | 15 | 3/28/2023 | 50 | 30 | 310 | ND<12.5 | **150** | **50** | **610** | 5,400 | 2,500 | 880 | ND<12.5 | ND<7.8 | ND<12.5 | 130 | ND<12.5 | ND<12.5 | 20 J | ND<12.5 | ND<12.5 | 20 J | 80 | 30 | ND |
| HP-4-30 | 30 | 3/28/2023 | **160** | **220** | 600 | ND<25 | **330** | **40** | **160** | 6,000 | 620 | 220 | ND<25 | ND<15.5 | ND<25 | **660** | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | ND<25 | 40 J | ND<25 | ND |
| HP-4-40[2] | 40 | 3/28/2023 | **300** | **230** | **1,500** | 50 | **11,000** | **470** | **1,400** | 29,000 | 4,700 | 1,200 | ND<25 | ND<15.5 | ND<25 | **1,100** | ND<25 | ND<25 | 30 J | ND<25 | ND<25 | ND<25 | 40 J | ND<25 | ND |
| HP-4-40 | 40 | 4/10/2023 | 40 | **140** | 1,000 | <12.5 | **12 J** | ND<6.0 | **30** | 490 | 130 | ND<12.5 | 100 | ND<7.8 | ND<12.5 | **660** | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | 20 J | ND<12.5 | ND |
| HP-4-40 | 40 | 4/13/2023 | 30 | **180** | **1,300** | 30 | **40** | ND<6.0 | ND<12.5 | 60 | <25 | <12.5 | 150 | ND<7.8 | ND<12.5 | **830** | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-4-40[3] | 40 | 4/13/2023 | 50 | **250** | **2,000** | 58 | **94** | 2.8 J | 8.2 J | 130 | 45 | 27 | 130 | ND<1.1 | ND<1.1 | **1,200** | 48 | **16 J** | -- | ND<1.3 | -- | -- | 6.6 J | 1.5 J | 1,1,2-Trichloro-1,2,2-triflouroethane = 7.7 J<br>1,2-Dichloropropane = 1.8 J<br>4-Ethyltoluene = 1.4 J<br>Dichlorofluoromethane = 4.2 J<br>DIPE = 3.7 J<br>Ethanol = 23 J<br>Isopropanol = 10 J<br>TBA = 4.2 J |
| HP-5-5 | 5 | 3/28/2023 | 60 | 40 | ND<12.5 | ND<0.030 | ND<0.6 | ND<6.0 | 50 | 270 | 170 | 70 | ND<12.5 | ND<15.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-6-5 | 5 | 3/20/2023 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | 20 J | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-6-15 | 15 | 3/20/2023 | **240** | **310** | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | 10 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-7-5 | 5 | 3/20/2023 | 20 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-8-5 | 5 | 3/20/2023 | 30 | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-8-15 | 15 | 3/20/2023 | **410** | **140** | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-9-5 | 5 | 3/20/2023 | **13,000** | **350** | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-9-15 | 15 | 3/20/2023 | **56,000** | **2,000** | 70 | 50 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | 10 J | 50 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-10-5 | 5 | 3/20/2023 | **570** | 50 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-10-15 | 15 | 3/20/2023 | **1,400** | **160** | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | 20 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-11-5 | 5 | 3/20/2023 | **80** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-11-15 | 15 | 3/20/2023 | **150** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-11-15-DUP | 15 | 3/20/2023 | **150** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-12-5 | 5 | 3/28/2023 | **210** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | 90 | 960 | 330 | 100 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-12-15 | 15 | 3/28/2023 | **150** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | 150 | 40 J | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | 20 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-13-5 | 5 | 3/28/2023 | **110** | **110** | 60 | ND<12.5 | **110** | **60** | **180** | 130 | 290 | 100 | ND<12.5 | ND<7.8 | ND<12.5 | 60 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-14-5 | 5 | 3/20/2023 | **170** | 14 J | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-14-15 | 15 | 3/20/2023 | **810** | 80 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-15-5 | 5 | 3/20/2023 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| HP-15-15 | 15 | 3/20/2023 | 20 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | 100 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| LV-3-10 | 10 | 3/28/2023 | **170** | **530** | 480 | 40 | **50** | **20 J** | **210** | 700 | 660 | 310 | ND<12.5 | ND<7.8 | ND<12.5 | **420** | 20 J | ND<12.5 | 30 | ND<12.5 | 180 | ND<12.5 | 60 | ND<12.5 | ND |
| LV-5-20 | 20 | 3/28/2023 | **80** | 60 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND |
| *San Francisco Regional Water Quality Control Board Environmental Screening Levels [4]* | | | *67* | *100* | *1,200 [5]* | *12,000 [5]* | *5.2* | *14* | *160* | *44,000 [5]* | *15,000 [5]* | | *1,600* | *18* | *150,000 [5]* | *260* | *1000 [5]* | *16* | *NE* | *NE* | *NE* | *NE* | *NE* | *NE* | *Various* |

**Key:**

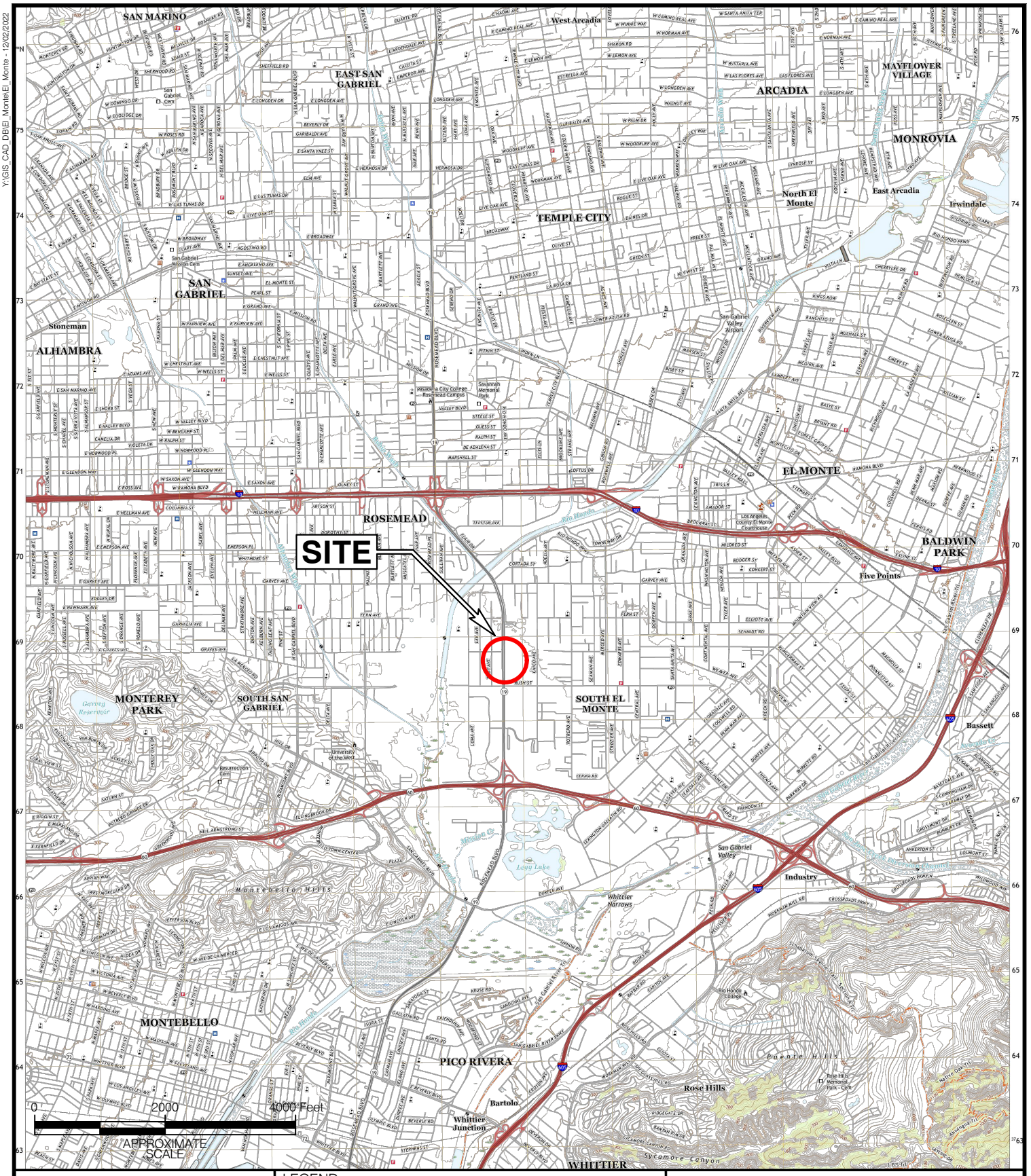
ND<X = not detected above the indicated method detection limit (MDL)
DCE = dichloroethene
DCA = Dichloroethane
ft bgs = feet below ground surface
J = Estimated value between the MDL and Reporting Limit
MTBE = Methyl-t-Butyl Ether
PCE = tetrachloroethene
TCE = trichloroethene
TCA = Trichloroethane
TMB= Trimethylbenzene
USEPA = United States Environmental Protection Agency
VOCs = volatile organic compounds

$\mu g/m^3$ = micrograms per cubic meter
NE = Not Established
SFRWQCB = San Francisco Regional Water Quality Control Board
ESL = Environmental Screening Levels

**Notes:**

[1] = Samples analyzed by A&R Laboratories, Inc.
[2] = Sample results are considered anamalous.
[3] = Sample analyzed by Eurofins Calscience
[4] = SFRWQCB ESLs Subslab/Soil Gas Screening Levels, updated 2019; commercial/industrial shallow soil exposure (cancer risk)
[5] = SFRWQCB ESLs Subslab/Soil Gas Screening Levels, updated 2019; commercial/industrial shallow soil exposure (non-cancer risk)
**BOLD** = Exceeds screening level value

# Figures




LEGEND

Site Location

# SITE LOCATION MAP

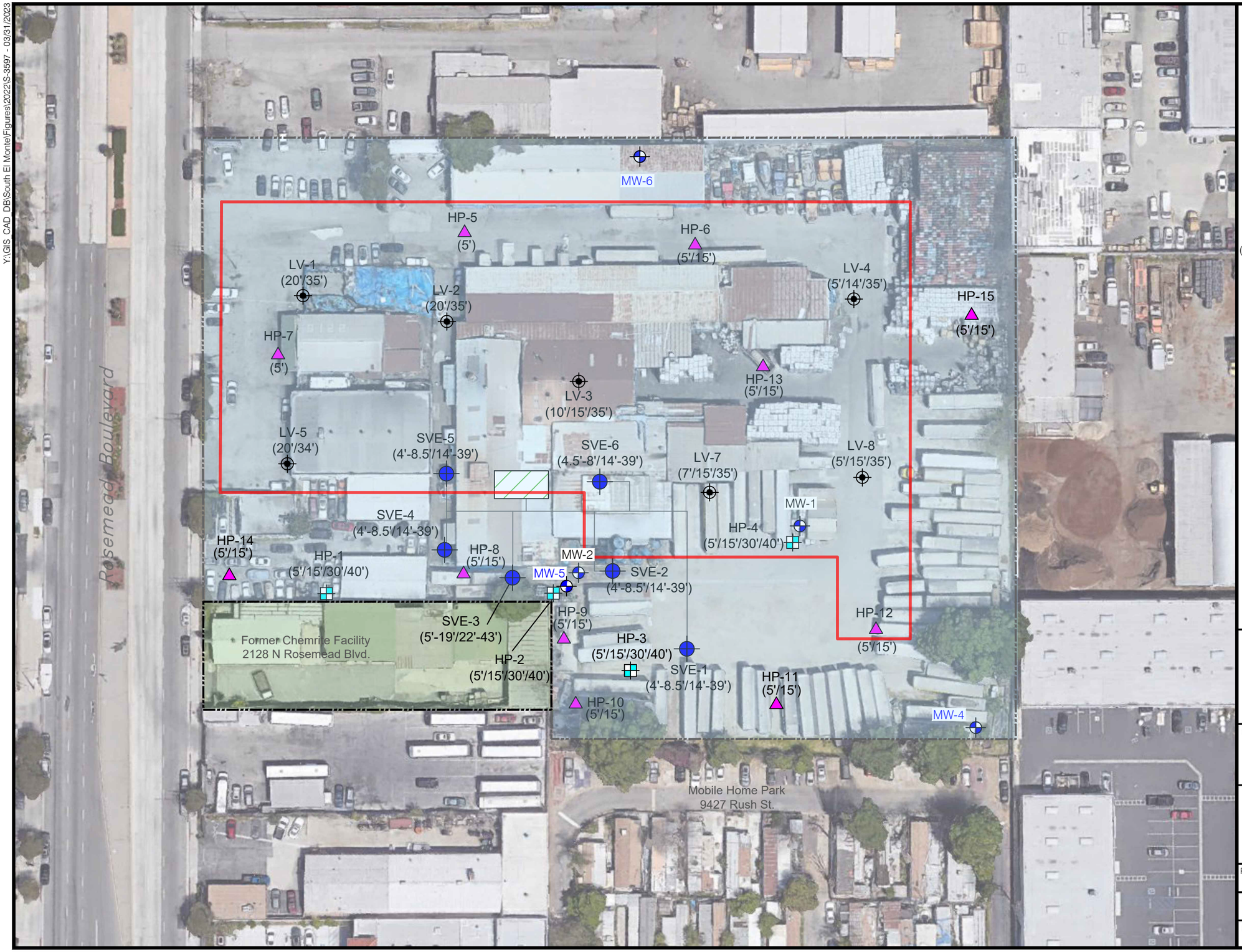
2222 Rosemead Boulevard
South El Monte, California

| Date | Drafter | PE/PG | Project Number | Figure |
|---|---|---|---|---|
| December 2, 2022 | AC | DB | | 1 |
| | | Project Manager: DB | File: El_Monte | |

Map Source: U.S. Geological Survey, 7.5-Minute Topographic Quadrangle Map
El Monte, CA

Y:\GIS_CAD_DB\El_Monte\El_Monte - 12/02/2022

Y:\GIS_CAD_DB\South El Monte\Figures\2022\S-3597 - 03/31/2023




LEGEND

- Site Boundary
- Approximate Extent of Former Chemrite Facility
- Future Building Footprint
- (5'/15') Soil/Soil Vapor Sample Location with soil vapor probe depths in parantheses
- Approximate Location of Groundwater Monitoring Well
- (4'-8.5'/14'-39') Approximate Location of SVE Well Location with screen intervals in parantheses (EEC, 2022)
- Approximate Location of SVE System Compound Location and SVE piping
- (5'/15'/30'/40') Soil/Soil Vapor Sample Location with soil vapor probe depths in parantheses (EEC, 2020)
- (5'/15'/35') Soil/Soil Vapor Sample Location with soil vapor probe depths in parentheses (Leighton Consulting Inc., June 2021)

Notes:

1. All onsite buildings have been demolished/removed
2. SVE = Soil Vapor Extraction
3. Wells MW-1 and MW-2 are dry.
4. Map Source : Google Earth

N

0 70 140'

APPROXIMATE SCALE

EEC ENVIRONMENTAL

Project

2212, 2218, 2226, 2200
North Rosemead Boulevard
South El Monte, California

**SITE LAYOUT AND SAMPLE LOCATION MAP**

| Project Number | File Number | Figure |
|---|---|---|
| S-3597 | S-3597.dwg | 2 |
| Date: April 5, 2023 | | |
| PE/PG: DB | PM: DB | Drafter: AC |

Y:\GIS_CAD_DB\South El Monte\Figures\2022\S-3597 - 04/14/2023

| HP-5 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-5-5 | ND<0.18 | ND<0.32 |

| HP-6 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-6-5 | ND<0.18 | ND<0.32 |
| HP-6-10 | ND<0.26 | ND<0.45 |
| HP-6-15 | ND<0.22 | ND<0.38 |

| HP-15 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-15-5 | **0.33 J** | ND<0.30 |
| HP-15-10 | **12** | **1.0 J** |
| HP-15-15 | **0.63 J** | ND<0.34 |

| HP-7 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-7-5 | ND<0.19 | ND<0.32 |

| HP-13 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-13-5 | ND<0.20 | ND<0.35 |
| HP-13-10 | ND<0.22 | ND<0.38 |
| HP-13-15 | ND<0.21 | ND<0.36 |

| HP-12 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-12-5 | **0.55 J** | ND<0.40 |
| HP-12-10 | **3.0** | ND<0.39 |
| HP-12-15 | ND<0.34 | ND<0.59 |

| HP-14 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-14-5 | **1.9** | ND<0.32 |
| HP-14-10 | ND<0.24 | ND<0.41 |
| HP-14-15 | **0.67 J** | ND<0.43 |

| HP-8 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-8-5 | **0.26 J** | ND<0.31 |
| HP-8-10 | ND<0.22 | ND<0.39 |
| HP-8-15 | **3.2** | **1.4 J** |

| HP-9 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-9-5 | **33** | **0.92 J** |
| HP-9-10 | **12** | **0.41 J** |
| HP-9-15 | **5.9** | **0.42 J** |

| HP-10 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-10-5 | **1.4** | ND<0.32 |
| HP-10-10 | **6.7** | **0.48 J** |
| HP-10-15 | **0.28 J** | ND<0.47 |

| HP-11 | | |
|---|---|---|
| Sample ID | PCE | TCE |
| (µg/kg) | | |
| HP-11-5 | ND<0.16 | ND<0.28 |
| HP-11-10 | **0.88 J** | ND<0.43 |
| HP-11-15 | ND<0.23 | ND<0.40 |

MW-6
HP-5 (5')
HP-6 (5'/15')
HP-15 (5'/15')
LV-1 (20'/35')
LV-2 (20'/35')
LV-4 (5'/14'/35')
HP-7 (5')
LV-3 (10'/15'/35')
HP-13 (5'/15')
LV-5 (20'/34')
SVE-5 (4'-8.5'/14'-39')
SVE-6 (4.5'-8'/14'-39')
LV-7 (7'/15'/35')
LV-8 (5'/15'/35')
MW-1
HP-4 (5'/15'/30'/40')
SVE-4 (4'-8.5'/14'-39')
HP-14 (5'/15')
HP-1 (5'/15'/30'/40')
HP-8 (5'/15')
MW-2
MW-5
SVE-2 (4'-8.5'/14'-39')
HP-12 (5'/15')
Former Chemrite Facility
2128 N Rosemead Blvd.
SVE-3 (5'-19'/22'-43')
HP-9 (5'/15')
HP-3 (5'/15'/30'/40')
HP-2 (5'/15'/30'/40')
SVE-1 (4'-8.5'/14'-39')
HP-11 (5'/15')
HP-10 (5'/15')
MW-4
Mobile Home Park
9427 Rush St.
Rosemead Boulevard

## LEGEND

- Site Boundary
- Approximate Extent of Former Chemrite Facility
- Future Building Footprint
- (5'/15') Soil/Soil Vapor Sample Location with soil vapor probe depths in parantheses
- Approximate Location of Groundwater Monitoring Well
- (4'-8.5'/14'-39') Approximate Location of SVE Well Location with screen intervals in parantheses (EEC, 2022)
- Approximate Location of SVE System Compound Location and SVE piping
- (5'/15'/30'/40') Soil/Soil Vapor Sample Location with soil vapor probe depths in parantheses (EEC, 2020)
- (5'/15'/35') Soil/Soil Vapor Sample Location with soil vapor probe depths in parentheses (Leighton Consulting Inc., June 2021)

Notes:

1. All onsite buildings have been demolished/removed
2. SVE = Soil Vapor Extraction
3. PCE = Tetrachloroethene
4. TCE = Trichloroethene
5. ND = Non-Detect
6. J = Estimated Value
7. ug/kg = micrograms per kilogram
8. Wells MW-1 and MW-2 are dry.
9. Map Source : Google Earth

N

0 70 140'
APPROXIMATE SCALE

EEC ENVIRONMENTAL

Project
2212, 2218, 2226, 2200
North Rosemead Boulevard
South El Monte, California

**SOIL MATRIX SAMPLE CONCENTRATION MAP - SELECT VOCs**

| Project Number | File Number |
|---|---|
| S-3597 | S-3597.dwg |

| Date | Figure |
|---|---|
| April 5, 2023 | 3 |

| PE/PG | PM | Drafter |
|---|---|---|
| DB | DB | AC |

Y:\GIS CAD DB\South El Monte\Figures\2022\S-3597 - 04/14/2023

| HP-5 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-5-5 | **60** | **40** | ND<12.5 | ND<0.6 |

| LV-3 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| LV-3-10 | **170** | **530** | **480** | **50** |

| HP-6 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-6-5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 |
| HP-6-15 | **240** | **310** | ND<12.5 | ND<0.6 |

| HP-15 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-15-5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 |
| HP-15-15 | **20** | ND<12.5 | ND<12.5 | ND<0.6 |

| HP-7 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-7-5 | **20** | ND<12.5 | ND<12.5 | ND<0.6 |

| LV-5 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| LV-5-20 | **80** | **60** | ND<12.5 | ND<0.6 |

| HP-13 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-13-5 | **110** | **110** | **60** | **110** |

| HP-14 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-14-5 | **170** | **14** | ND<12.5 | ND<0.6 |
| HP-14-15 | **810** | **80** | ND<12.5 | ND<0.6 |

| HP-4 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-4-5 | **850** | **380** | **5,900** | **6,900** |
| HP-4-5 DUP | **460** | **380** | **4,300** | **6,200** |
| HP-4-15 | **50** | **30** | **310** | **150** |
| HP-4-30 | **160** | **220** | **600** | **330** |
| HP-4-40 | **300** | **230** | **1,500** | **11,000** |
| HP-4-40 | **40** | **140** | **1,000** | **12** |
| HP-4-40 | **30** | **180** | **1,300** | **40** |
| HP-4-40 | **50** | **250** | **2,000** | **94** |

| HP-1 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-1-30 | **900** | **230** | **50** | ND<0.6 |
| HP-1-40 | **20** | ND<12.5 | ND<12.5 | ND<0.6 |

| HP-12 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-12-5 | **210** | ND<12.5 | ND<12.5 | ND<0.6 |
| HP-12-15 | **150** | ND<12.5 | ND<12.5 | ND<0.6 |

| HP-8 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-8-5 | **30** | ND<12.5 | ND<12.5 | ND<0.6 |
| HP-8-15 | **410** | **140** | ND<12.5 | ND<0.6 |

| HP-11 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-11-5 | **80** | ND<12.5 | ND<12.5 | ND<0.6 |
| HP-11-15 | **150** | ND<12.5 | ND<12.5 | ND<0.6 |
| HP-11-15 DUP | **150** | ND<12.5 | ND<12.5 | ND<0.6 |

| HP-2 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-2-30 | **6,500** | **1,300** | **200** | ND<0.6 |
| HP-2-40 | **530** | **90** | ND<12.5 | ND<0.6 |

| HP-9 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-9-5 | **13,000** | **350** | ND<12.5 | ND<0.6 |
| HP-9-15 | **56,000** | **2,000** | **70** | ND<0.6 |

| HP-10 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-10-5 | **570** | **50** | ND<12.5 | ND<0.6 |
| HP-10-15 | **1,400** | **160** | ND<12.5 | ND<0.6 |

| HP-3 | | | | |
|---|---|---|---|---|
| Sample ID | PCE | TCE | cis-1,2-DCE | Vinyl Chloride |
| | | ($\mu g/m^3$) | | |
| HP-3-30 | **20** | ND<12.5 | ND<12.5 | ND<0.6 |
| HP-3-40 | **4,800** | **1,300** | **40** | ND<0.6 |

HP-5 (5')
HP-6 (5'/15')
HP-15 (5'/15')
LV-1 (20'/35')
LV-2 (20'/35')
LV-4 (5'/14'/35')
HP-7 (5')
LV-3 (10'/15'/35')
HP-13 (5'/15')
LV-5 (20'/34')
SVE-5 (4'-8.5'/14'-39')
SVE-6 (4.5'-8'/14'-39')
LV-7 (7'/15'/35')
LV-8 (5'/15'/35')
SVE-4 (4'-8.5'/14'-39')
HP-8 (5'/15')
HP-14 (5'/15')
HP-1 (5'/15'/30'/40')
MW-1
HP-4 (5'/15'/30'/40')
MW-2
MW-5
SVE-2 (4'-8.5'/14'-39')
HP-9 (5'/15')
HP-12 (5'/15')
SVE-3 (5'-19'/22'-43')
HP-3 (5'/15'/30'/40')
HP-2 (5'/15'/30'/40')
SVE-1 (4'-8.5'/14'-39')
HP-11 (5'/15')
HP-10 (5'/15')
MW-4
MW-6
Former Chemrite Facility
2128 N Rosemead Blvd.
Mobile Home Park
9427 Rush St.

## LEGEND

- Site Boundary
- Approximate Extent of Former Chemrite Facility
- Future Building Footprint
- (5'/15') Soil/Soil Vapor Sample Location with soil vapor probe depths in parantheses
- Approximate Location of Groundwater Monitoring Well
- (4'-8.5'/14'-39') Approximate Location of SVE Well Location with screen intervals in parantheses (EEC, 2022)
- Approximate Location of SVE System Compound Location and SVE piping
- (5'/15'/30'/40') Soil/Soil Vapor Sample Location with soil vapor probe depths in parantheses (EEC, 2020)
- (5'/15'/35') Soil/Soil Vapor Sample Location with soil vapor probe depths in parentheses (Leighton Consulting Inc., June 2021)

Notes:

1. All onsite buildings have been demolished/removed
2. SVE = Soil Vapor Extraction
3. PCE = Tetrachloroethene
4. TCE = Trichloroethene
5. DCE = Dichloroethene
6. ND = Non-Detect
7. ug/$m^3$ = micrograms per cubic meter
8. Wells MW-1 and MW-2 are dry.
9. Map Source : Google Earth

N

0 70 140'
APPROXIMATE SCALE

EEC ENVIRONMENTAL

Project
2212, 2218, 2226, 2200
North Rosemead Boulevard
South El Monte, California

# SOIL VAPOR SAMPLE CONCENTRATION MAP - SELECT VOCs

| Project Number | File Number |
|---|---|
| S-3597 | S-3597.dwg |
| Date: April 5, 2023 | Figure: 4 |
| PE/PG: DB | PM: DB |
| Drafter: AC | |

# Appendix A
# Boring Logs

EEC ENVIRONMENTAL

# HP-5

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3597.04T |
| Site: | : Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | : Bina Patel |
| Reviewed By: | : David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | : 3/8/2023 |
| Drilling Company | : Strongarm Environmental |
| Drilling Method | : Geoprobe |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25" |
| Casing Diameter | : NA |
| Location N-S | : NA |
| Location E-W | : NA |
| Total Boring Depth | : 5.5' bgs |
| First GW Depth | : NA |

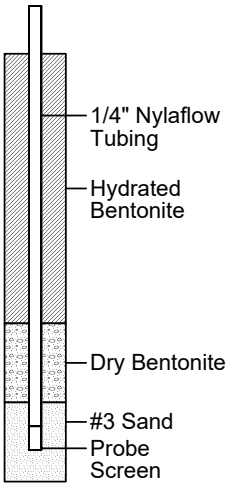
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|
| 0 | | | AR | 8" Aspahlt Surface (8" diameter core) |
| 1 | | | SP | SAND, fine to medium grained, strong brown (7.5 YR, 4/6), moist, poorly graded, trace coarse grains and gravel (0/10/85/5) |
| 2 | | | ML | SILT, dark brown (7.5 YR, 2/3), soft, moist, nonplastic, slight odor (0/95/5/0) |
| 3 | | | SP | SAND, fine grained, dark yellowish brown (10 YR, 4/4), poorly graded, dry (0/5/95/0) |
| 4 | | | CL | Lean CLAY, dark brown (7.5 YR, 2.5/2), soft, moist, plastic (100/0/0/0) |
| 5 | 0.0 | 0854 | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well: HP-5 - 5'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-5 rev.bor

# HP-6

(Page 1 of 1)

EEC ENVIRONMENTAL

| | |
|---|---|
| Project No.: | S-3597.04T |
| Site: | Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | Bina Patel |
| Reviewed By: | David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | 3/8/2023 |
| Drilling Company | Strongarm Environmental |
| Drilling Method | Geoprobe |
| Sampling Method | Direct Push |
| Borehole Diameter | 2.25" |
| Casing Diameter | NA |
| Location N-S | NA |
| Location E-W | NA |
| Total Boring Depth | 15.5' bgs |
| First GW Depth | NA |

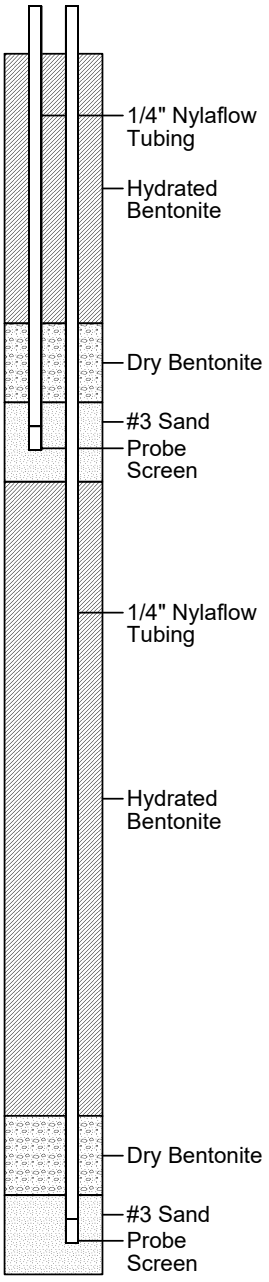
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|
| 0 | | | AR | 8" Concrete Surface (8" diameter core) |
| 1 | | | ML | SILT, dark brown (10 YR, 2/2), soft, moist, medium plastic, trace sand (0/95/5/0) |
| 3 | | | | Lithology same as above, dark yellowish brown (10 YR, 4/4) (10/85/5/0) |
| 5 | 0.0 | 0750 | | Lithology same as above |
| 8 | | | SP | SAND, fine grained, brown (10YR, 5/3), poorly graded, slightly moist (0/5/95/0) |
| 10 | 0.0 | 0753 | | Lithology same as above |
| 15 | 0.0 | 0755 | | Lithology same as above, trace coarse grains |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well1: HP-6 - 5'
Well2: HP-6 - 15'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-6 rev.bor

EEC ENVIRONMENTAL

# HP-7

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3597.04T |
| Site: | : Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | : Bina Patel |
| Reviewed By: | : David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | : 3/8/2023 |
| Drilling Company | : Strongarm Environmental |
| Drilling Method | : Geoprobe |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25" |
| Casing Diameter | : NA |
| Location N-S | : NA |
| Location E-W | : NA |
| Total Boring Depth | : 5.5' bgs |
| First GW Depth | : NA |

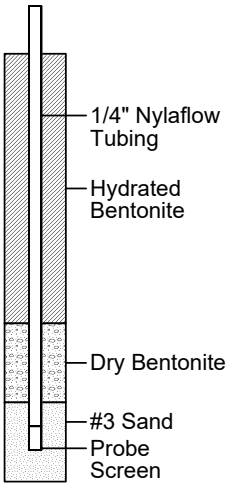
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | Sample Interval | Column | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|---|---|
| 0 | | | | | AR | 8" Aspahlt Surface (8" diameter core) |
| 1 | | | | | SP | SAND, fine to medium grained, strong brown (7.5 YR, 4/6), moist, poorly graded, trace coarse grains (0/5/95/0) |
| 2 | | | | | ML | SILT, dark brown (7.5 YR, 2/3), soft, moist, plastic (0/95/5/0) |
| 3 | | | | | SM | Silty SAND, fine grained, dark brown (7.5 YR, 2.5/2), moist (0/80/20/0) |
| 4 | | | | | | |
| 5 | 0.0 | 0936 | | | SP | SAND, fine grained, dark brown (7.5YR, 3/3), moist, (0/5/95/0) |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well: HP-7 - 5'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-7.bor

# HP-8

(Page 1 of 1)

| | |
|---|---|
| Project No.: | S-3597.04T |
| Site: | Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | Bina Patel |
| Reviewed By: | David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | 3/8/2023 |
| Drilling Company | Strongarm Environmental |
| Drilling Method | Geoprobe |
| Sampling Method | Direct Push |
| Borehole Diameter | 2.25" |
| Casing Diameter | NA |
| Location N-S | NA |
| Location E-W | NA |
| Total Boring Depth | 15.5' bgs |
| First GW Depth | NA |

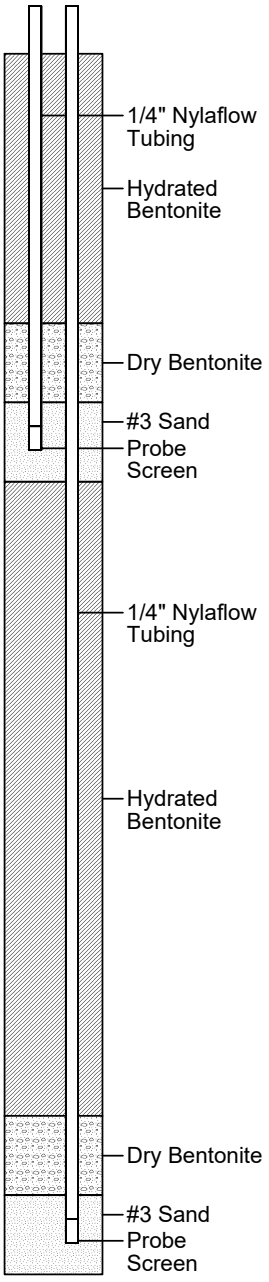
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|
| 0 | | | AR | 4" Concrete Surface (8" diameter core) |
| 1 | | | SP | SAND, fine grained, brown (7.5YR, 4/3), moist, trace coarse grains and gravel (0/10/85/5) |
| 2 | | | SM | Silty SAND, fine grained, dark brown (7.5YR, 2.5/3), moist, trace coarse grains (0/70/30/0) |
| 5 | 0.0 | 1005 | ML | SILT, dark brown (7.5YR, 2.5/3), soft, moist, plastic (5/90/5/0) |
| 8 | | | SP | SAND, fine grained, brown (7.5YR, 4/4), moist, poorly graded (0/5/95/0) |
| 10 | 0.0 | 1012 | | Lithology same as above, pale brown (10YR, 6/3) |
| 15 | 0.0 | 1017 | | Lithology same as above, trace medium grains |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well1: HP-8 - 5'
Well2: HP-8 - 15'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-8.bor

EEC ENVIRONMENTAL

# HP-9

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3597.04T |
| Site: | : Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | : Bina Patel |
| Reviewed By: | : David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | : 3/7/2023 |
| Drilling Company | : Strongarm Environmental |
| Drilling Method | : Geoprobe |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25" |
| Casing Diameter | : NA |
| Location N-S | : NA |
| Location E-W | : NA |
| Total Boring Depth | : 15.5' bgs |
| First GW Depth | : NA |

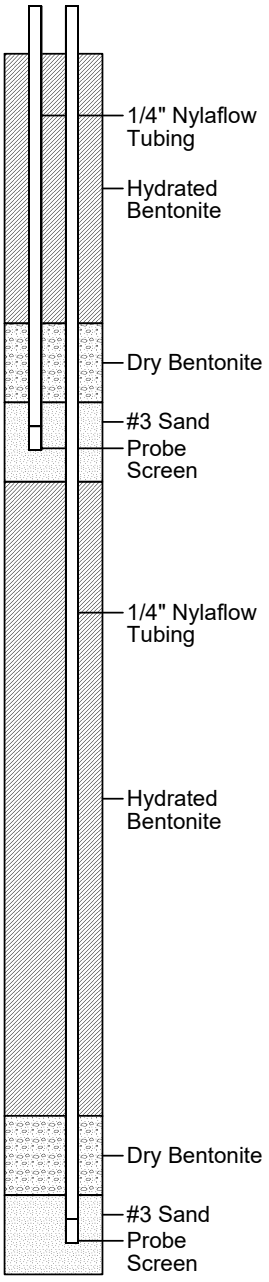
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|
| 0 | | | AR | 10" Concrete Surface (8" diameter core) |
| 0 | | | | Silty SAND, fine grained, brown (7.5 YR, 4/3), moist (0/20/80/0) |
| 5 | 0.0 | 1122 | SM | Lithology same as above |
| 8 | | | | SAND, fine grained, pale brown (10YR, 6/3), poorly graded, dry (0/5/95/0) |
| 10 | 0.0 | 1126 | SP | Lithology same as above |
| 15 | 0.0 | 1129 | | Lithology same as above |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well1: HP-9 - 5'
Well2: HP-9 - 15'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-9.bor

EEC ENVIRONMENTAL

# HP-10

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3597.04T |
| Site: | : Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | : Bina Patel |
| Reviewed By: | : David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | : 3/7/2023 |
| Drilling Company | : Strongarm Environmental |
| Drilling Method | : Geoprobe |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25" |
| Casing Diameter | : NA |
| Location N-S | : NA |
| Location E-W | : NA |
| Total Boring Depth | : 15.5' bgs |
| First GW Depth | : NA |

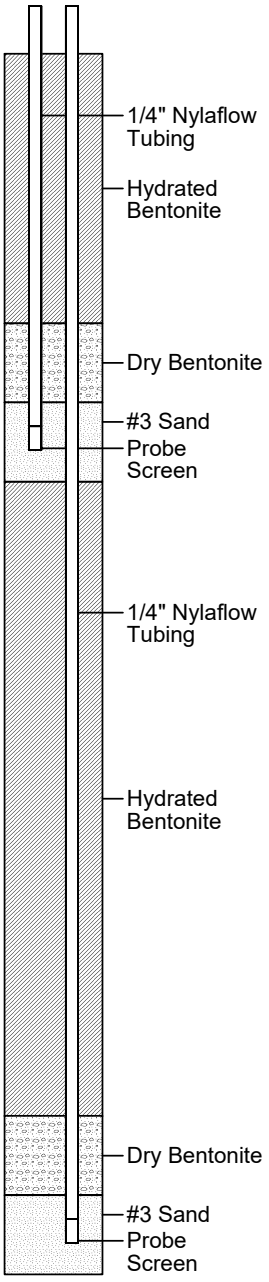
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|
| 0 | | | SM | Silty SAND, fine grained, brown (7.5 YR, 4/4), moist (0/20/80/0) |
| 5 | 0.0 | 1035 | | Lithology same as above |
| 10 | 0.0 | 1038 | | Lithology same as above. |
| 15 | 0.0 | 1041 | SP | SAND, fine grained, pale brown (10YR, 6/3), poorly graded, dry (0/5/95/0) |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well1: HP-10 - 5'
Well2: HP-10 - 15'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-10.bor

EEC ENVIRONMENTAL

# HP-11

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3597.04T |
| Site: | : Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | : Bina Patel |
| Reviewed By: | : David Bernier, P.G. 9425 |

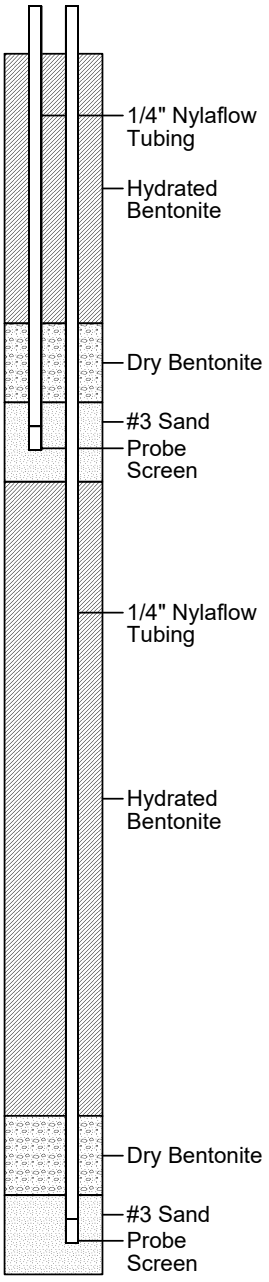
| | |
|---|---|
| Date Drilled | : 3/7/2023 |
| Drilling Company | : Strongarm Environmental |
| Drilling Method | : Geoprobe |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25" |
| Casing Diameter | : NA |
| Location N-S | : NA |
| Location E-W | : NA |
| Total Boring Depth | : 15.5' bgs |
| First GW Depth | : NA |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|
| 0 | | | SM | Silty SAND, fine grained, brown (7.5 YR, 4/4), moist (0/20/80/0) |
| 5 | 0.0 | 0953 | | Lithology same as above |
| 10 | 0.0 | 0956 | | Lithology same as above. |
| 15 | 0.0 | 1001 | SP | SAND, fine grained, brown (7.5, 4/2), poorly graded, dry (0/5/95/0) |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-11.bor

EEC ENVIRONMENTAL

# HP-12

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3597.04T |
| Site: | : Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | : Bina Patel |
| Reviewed By: | : David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | : 3/7/2023 |
| Drilling Company | : Strongarm Environmental |
| Drilling Method | : Geoprobe |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25" |
| Casing Diameter | : NA |
| Location N-S | : NA |
| Location E-W | : NA |
| Total Boring Depth | : 15.5' bgs |
| First GW Depth | : NA |

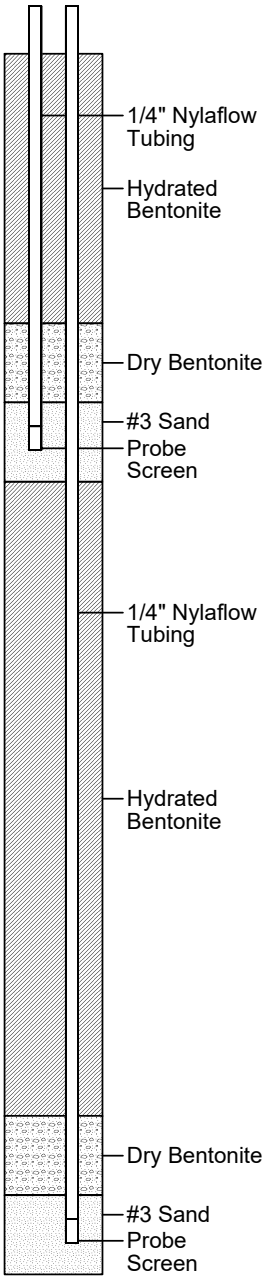
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|
| 0 | | | SM | Silty SAND, fine grained, brown (7.5 YR, 4/4), moist (0/20/80/0) |
| 5 | 0.0 | 0838 | | Lithology same as above |
| 10 | 0.0 | 0840 | | Lithology same as above |
| 15 | 0.0 | 0845 | SP | SAND, fine grained, brown (7.5, 4/3), poorly graded, moist (0/5/95/0) |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well1: HP-12 - 5'
Well2: HP-12 - 15'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-12.bor

EEC ENVIRONMENTAL

# HP-13

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3597.04T |
| Site: | : Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | : Bina Patel |
| Reviewed By: | : David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | : 3/7/2023 |
| Drilling Company | : Strongarm Environmental |
| Drilling Method | : Geoprobe |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25" |
| Casing Diameter | : NA |
| Location N-S | : NA |
| Location E-W | : NA |
| Total Boring Depth | : 15.5' bgs |
| First GW Depth | : NA |

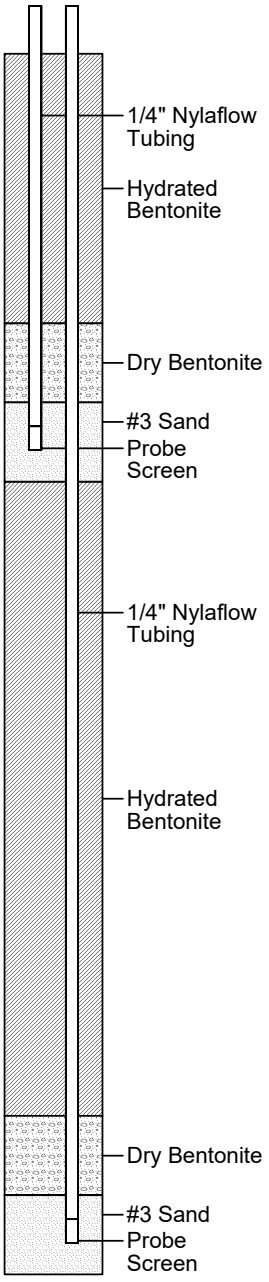
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|
| 0 | | | AR | 8" Concrete Surface (8" diameter core) |
| 1 | | | | Silty SAND, fine grained, brown (7.5 YR, 4/4), moist (0/20/80/0) |
| 5 | 0.0 | 1347 | | Lithology same as above |
| 8 | | | SM | |
| 10 | 0.0 | 1350 | | Lithology same as above, gray (GLEY, 6/1) |
| 15 | 0.0 | 1351 | | Lithology same as above |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well1: HP-13 - 5'
Well2: HP-13 - 15'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-13.bor

# HP-14

(Page 1 of 1)

| | |
|---|---|
| Project No.: | S-3597.04T |
| Site: | Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | Bina Patel |
| Reviewed By: | David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | 3/8/2023 |
| Drilling Company | Strongarm Environmental |
| Drilling Method | Geoprobe |
| Sampling Method | Direct Push |
| Borehole Diameter | 2.25" |
| Casing Diameter | NA |
| Location N-S | NA |
| Location E-W | NA |
| Total Boring Depth | 15.5' bgs |
| First GW Depth | NA |

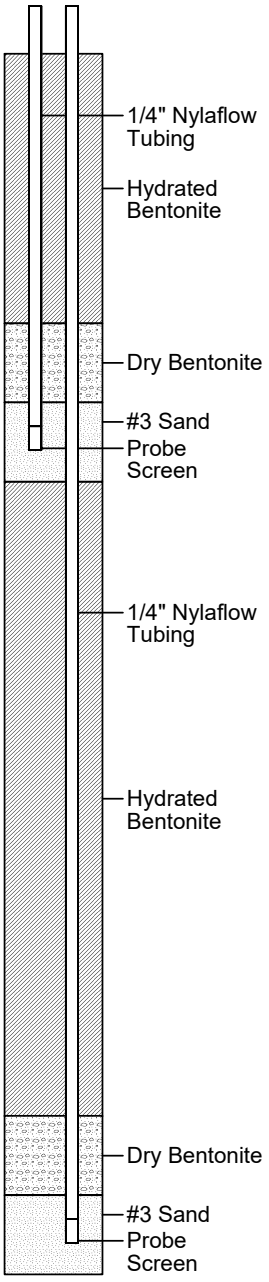
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|
| 0 | | | AR | 9" Asphalt Surface (8" diameter core) |
| 1 | | | SP | SAND, fine grained, brown (7.5YR, 4/3), poorly graded, moist, trace coarse grains and gravel (0/10/85/5) |
| 2 | | | SM | Silty SAND, fine grained, dark brown (7.5 YR, 2.5/3), moist, trace coarse grained (0/70/30/0) |
| 5 | 0.0 | 1055 | ML | SILT, very dark brown (7.5YR, 2.5/2), soft, moist, plastic (5/90/5/0) |
| 8 | | | SP | SAND, fine grained, pale brown (10YR, 6/3), poorly graded, slightly moist (0/5/95/0) |
| 10 | 0.0 | 1100 | | Lithology same as above |
| 15 | 0.0 | 1103 | | Lithology same as above, trace medium grains |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well1: HP-14 - 5'
Well2: HP-14 - 15'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-14.bor

# HP-15

(Page 1 of 1)

| | |
|---|---|
| Project No.: | S-3597.04T |
| Site: | Pacific Drum Company/Rosemead Holding, LLC |
| Logged By: | Bina Patel |
| Reviewed By: | David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | 3/8/2023 |
| Drilling Company | Strongarm Environmental |
| Drilling Method | Geoprobe |
| Sampling Method | Direct Push |
| Borehole Diameter | 2.25" |
| Casing Diameter | NA |
| Location N-S | NA |
| Location E-W | NA |
| Total Boring Depth | 15.5' bgs |
| First GW Depth | NA |

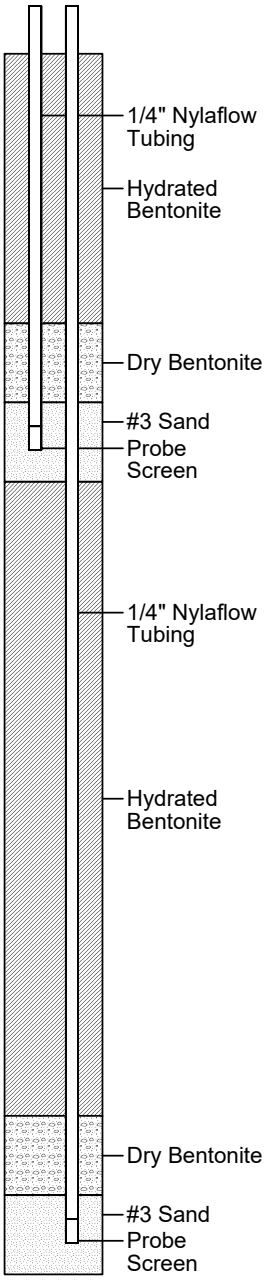
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | Sample Interval | Column | USCS | DESCRIPTION (%clay/silt/sand/gravel) |
|---|---|---|---|---|---|---|
| 0 | | | | | AR | 5" Concrete Surface (8" diameter core) |
| 1 | | | | | SM | Silty SAND, fine grained, brown (7.5YR, 4/4), moist (0/20/80/0) |
| 5 | 0.0 | 1055 | | | | |
| 8 | | | | | SP | SAND, fine grained, brown (7.5YR, 4/4), poorly graded, moist (0/5/95/0) |
| 10 | 0.0 | 1100 | | | | Lithology same as above |
| 15 | 0.0 | 1103 | | | | Lithology same as above |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Well1: HP-15 - 5'
Well2: HP-15 - 15'




04-05-2023 Y:\Jobs_s\S3500's\S-3597.04T PDC RH - Soil Vapor Assessment\Work Products - Drafts\Boring Logs\HP-15.bor

# Appendix B
# Laboratory Analytical Results and Chain-of-Custody Documentation for Soil Samples

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bina Patel
EEC Environmental
One City Blvd
Suite 1800
Orange, California 92868

Generated 3/10/2023 4:41:26 PM

## JOB DESCRIPTION

Soil Vapor Assessment / Rosemead Holding / PDC

## JOB NUMBER

570-130377-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

# Eurofins Calscience

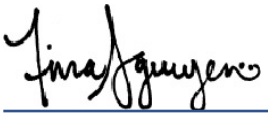
## Job Notes

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender and destroy this report immediately. This report shall not be reproduced except in full, without prior express written approval by the laboratory.

The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

## Authorization



Generated
3/10/2023 4:41:26 PM

Authorized for release by
Tina Nguyen, Project Manager
Tina.Nguyen@et.eurofinsus.com
(657)210-6301

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 3
Definitions/Glossary . . . . . 4
Case Narrative . . . . . 5
Detection Summary . . . . . 6
Client Sample Results . . . . . 8
Surrogate Summary . . . . . 27
QC Sample Results . . . . . 28
QC Association Summary . . . . . 31
Lab Chronicle . . . . . 32
Certification Summary . . . . . 35
Method Summary . . . . . 36
Sample Summary . . . . . 37
Chain of Custody . . . . . 38
Receipt Checklists . . . . . 39

# Definitions/Glossary

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# Case Narrative

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Job ID: 570-130377-1

### Laboratory: Eurofins Calscience

**Narrative**

**Job Narrative**
**570-130377-1**

**Comments**
No additional comments.

**Receipt**
The samples were received on 3/8/2023 1:01 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.3º C.

**GC/MS VOA**
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-310189.The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**VOA Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-6-5 — Lab Sample ID: 570-130377-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 30 | | 16 | 8.1 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 0.83 | | 0.82 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 19 | | 16 | 5.7 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 0.27 | J | 0.82 | 0.22 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-6-10 — Lab Sample ID: 570-130377-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 56 | | 23 | 11 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 36 | | 23 | 8.1 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-6-15 — Lab Sample ID: 570-130377-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 51 | | 20 | 9.8 | ug/Kg | 1 | | 8260B | Total/NA |
| Ethanol | 130 | J | 250 | 92 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 29 | | 20 | 6.9 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-5-5 — Lab Sample ID: 570-130377-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | 4.0 | J | 16 | 3.7 | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 67 | | 16 | 8.1 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 4.6 | | 0.82 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |
| Carbon disulfide | 0.71 | J | 8.2 | 0.33 | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 0.57 | J | 0.82 | 0.17 | ug/Kg | 1 | | 8260B | Total/NA |
| o-Xylene | 0.27 | J | 0.82 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 0.51 | J | 1.6 | 0.39 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 41 | | 16 | 5.7 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 3.3 | | 0.82 | 0.22 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-7-5 — Lab Sample ID: 570-130377-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 38 | | 17 | 8.2 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 0.35 | J | 0.84 | 0.22 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 23 | | 17 | 5.8 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 0.31 | J | 0.84 | 0.23 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-8-5 — Lab Sample ID: 570-130377-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 25 | | 16 | 8.0 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 0.55 | J | 0.81 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 14 | J | 16 | 5.7 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.26 | J | 0.81 | 0.18 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-8-10 — Lab Sample ID: 570-130377-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 55 | | 20 | 9.9 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 30 | | 20 | 7.0 | ug/Kg | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-8-15 — Lab Sample ID: 570-130377-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 53 | | 19 | 9.4 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 33 | | 19 | 6.7 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 3.2 | | 0.95 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 1.4 | J | 1.9 | 0.37 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-14-5 — Lab Sample ID: 570-130377-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 28 | | 17 | 8.3 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.4 | | 0.84 | 0.22 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 13 | J | 17 | 5.9 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.9 | | 0.84 | 0.19 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 0.44 | J | 0.84 | 0.23 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-14-10 — Lab Sample ID: 570-130377-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 48 | | 21 | 10 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 27 | | 21 | 7.4 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-14-15 — Lab Sample ID: 570-130377-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 56 | | 22 | 11 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 28 | | 22 | 7.8 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.67 | J | 1.1 | 0.25 | ug/Kg | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-6-5**
**Date Collected: 03/08/23 07:50**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.82 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.82 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | 0.45 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.2 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.82 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,1-Dichloroethane | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,1-Dichloroethene | ND | | 0.82 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | 0.49 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.2 | 2.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,2-Dibromoethane | ND | | 0.82 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,2-Dichloroethane | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,2-Dichloropropane | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,3-Dichloropropane | ND | | 0.82 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.82 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 2-Butanone | ND | | 16 | 3.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 2-Chlorotoluene | ND | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 2-Hexanone | ND | | 16 | 2.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 4-Chlorotoluene | ND | | 0.82 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | 2.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| **Acetone** | **30** | | 16 | 8.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| **Benzene** | **0.83** | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Bromobenzene | ND | | 0.82 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Bromochloromethane | ND | | 1.6 | 0.36 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Bromodichloromethane | ND | | 0.82 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Bromoform | ND | | 4.1 | 1.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Bromomethane | ND | | 16 | 5.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.82 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.82 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Carbon disulfide | ND | | 8.2 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Carbon tetrachloride | ND | | 0.82 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Chlorobenzene | ND | | 0.82 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Chloroethane | ND | | 1.6 | 0.61 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Chloroform | ND | | 0.82 | 0.48 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Chloromethane | ND | | 16 | 1.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Dibromochloromethane | ND | | 1.6 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Dibromomethane | ND | | 0.82 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.82 | 0.41 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Ethanol | ND | | 200 | 75 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Ethylbenzene | ND | | 0.82 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-6-5**
**Date Collected: 03/08/23 07:50**
**Date Received: 03/08/23 13:01**
**Lab Sample ID: 570-130377-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 0.82 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Isopropylbenzene | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Methylene Chloride | ND | | 8.2 | 2.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | 0.15 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Naphthalene | ND | | 8.2 | 3.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| n-Butylbenzene | ND | | 0.82 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| N-Propylbenzene | ND | | 1.6 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| o-Xylene | ND | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| m,p-Xylene | ND | | 1.6 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| p-Isopropyltoluene | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| sec-Butylbenzene | ND | | 0.82 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Styrene | ND | | 0.82 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.82 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.82 | 0.16 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| **tert-Butyl alcohol (TBA)** | **19** | | 16 | 5.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| tert-Butylbenzene | ND | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Tetrachloroethene | ND | | 0.82 | 0.18 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| **Toluene** | **0.27** | **J** | 0.82 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Trichloroethene | ND | | 1.6 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Trichlorofluoromethane | ND | | 8.2 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Vinyl acetate | ND | | 8.2 | 3.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |
| Vinyl chloride | ND | | 0.82 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 11:14* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 11:14* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 11:14* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 11:14* | *1* |

**Client Sample ID: HP-6-10**
**Date Collected: 03/08/23 07:53**
**Date Received: 03/08/23 13:01**
**Lab Sample ID: 570-130377-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.2 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.2 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.3 | 0.63 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 12 | 0.54 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.2 | 0.54 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,1-Dichloroethane | ND | | 1.2 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,1-Dichloroethene | ND | | 1.2 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,1-Dichloropropene | ND | | 2.3 | 0.45 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.3 | 0.44 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.3 | 0.49 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.3 | 0.48 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.3 | 0.69 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 12 | 3.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,2-Dibromoethane | ND | | 1.2 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.2 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-6-10**
**Date Collected: 03/08/23 07:53**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 1.2 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,2-Dichloropropane | ND | | 1.2 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.3 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.2 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,3-Dichloropropane | ND | | 1.2 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.2 | 0.36 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 2,2-Dichloropropane | ND | | 5.8 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 2-Butanone | ND | | 23 | 5.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 2-Chlorotoluene | ND | | 1.2 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 2-Hexanone | ND | | 23 | 3.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 4-Chlorotoluene | ND | | 1.2 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| 4-Methyl-2-pentanone | ND | | 23 | 3.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| **Acetone** | **56** | | 23 | 11 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Benzene | ND | | 1.2 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Bromobenzene | ND | | 1.2 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Bromochloromethane | ND | | 2.3 | 0.52 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Bromodichloromethane | ND | | 1.2 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Bromoform | ND | | 5.8 | 1.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Bromomethane | ND | | 23 | 7.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.2 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.2 | 0.40 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Carbon disulfide | ND | | 12 | 0.46 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Carbon tetrachloride | ND | | 1.2 | 0.35 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Chlorobenzene | ND | | 1.2 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Chloroethane | ND | | 2.3 | 0.86 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Chloroform | ND | | 1.2 | 0.68 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Chloromethane | ND | | 23 | 1.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Dibromochloromethane | ND | | 2.3 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Dibromomethane | ND | | 1.2 | 0.35 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Dichlorodifluoromethane | ND | | 2.3 | 0.53 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.2 | 0.58 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Ethanol | ND | | 290 | 110 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Ethylbenzene | ND | | 1.2 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.2 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Isopropylbenzene | ND | | 1.2 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Methylene Chloride | ND | | 12 | 3.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.3 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Naphthalene | ND | | 12 | 4.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| n-Butylbenzene | ND | | 1.2 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| N-Propylbenzene | ND | | 2.3 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| o-Xylene | ND | | 1.2 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| m,p-Xylene | ND | | 2.3 | 0.55 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| p-Isopropyltoluene | ND | | 1.2 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| sec-Butylbenzene | ND | | 1.2 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Styrene | ND | | 1.2 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.2 | 0.35 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.3 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.2 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-6-10**
**Date Collected: 03/08/23 07:53**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **36** | | 23 | 8.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| tert-Butylbenzene | ND | | 1.2 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Tetrachloroethene | ND | | 1.2 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Toluene | ND | | 1.2 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Trichloroethene | ND | | 2.3 | 0.45 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Trichlorofluoromethane | ND | | 12 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Vinyl acetate | ND | | 12 | 4.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |
| Vinyl chloride | ND | | 1.2 | 0.44 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 11:35* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 11:35* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 11:35* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 11:35* | *1* |

**Client Sample ID: HP-6-15**
**Date Collected: 03/08/23 07:55**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.99 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.99 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.54 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.9 | 0.46 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.99 | 0.46 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,1-Dichloroethane | ND | | 0.99 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,1-Dichloroethene | ND | | 0.99 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | 0.42 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.41 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.60 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.9 | 3.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,2-Dibromoethane | ND | | 0.99 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.99 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,2-Dichloroethane | ND | | 0.99 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,2-Dichloropropane | ND | | 0.99 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.99 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,3-Dichloropropane | ND | | 0.99 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.99 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 2-Butanone | ND | | 20 | 4.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 2-Chlorotoluene | ND | | 0.99 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 2-Hexanone | ND | | 20 | 3.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 4-Chlorotoluene | ND | | 0.99 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | 2.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| **Acetone** | **51** | | 20 | 9.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Benzene | ND | | 0.99 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Bromobenzene | ND | | 0.99 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-6-15**
**Date Collected: 03/08/23 07:55**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 2.0 | 0.44 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Bromodichloromethane | ND | | 0.99 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Bromoform | ND | | 5.0 | 1.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Bromomethane | ND | | 20 | 6.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.99 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.99 | 0.35 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Carbon disulfide | ND | | 9.9 | 0.40 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Carbon tetrachloride | ND | | 0.99 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Chlorobenzene | ND | | 0.99 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Chloroethane | ND | | 2.0 | 0.74 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Chloroform | ND | | 0.99 | 0.59 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Chloromethane | ND | | 20 | 1.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Dibromochloromethane | ND | | 2.0 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Dibromomethane | ND | | 0.99 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | 0.45 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.99 | 0.50 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| **Ethanol** | **130** | **J** | 250 | 92 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Ethylbenzene | ND | | 0.99 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.99 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Isopropylbenzene | ND | | 0.99 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Methylene Chloride | ND | | 9.9 | 3.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Naphthalene | ND | | 9.9 | 3.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| n-Butylbenzene | ND | | 0.99 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| N-Propylbenzene | ND | | 2.0 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| o-Xylene | ND | | 0.99 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| m,p-Xylene | ND | | 2.0 | 0.47 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| p-Isopropyltoluene | ND | | 0.99 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| sec-Butylbenzene | ND | | 0.99 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Styrene | ND | | 0.99 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.99 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.99 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| **tert-Butyl alcohol (TBA)** | **29** | | 20 | 6.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| tert-Butylbenzene | ND | | 0.99 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Tetrachloroethene | ND | | 0.99 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Toluene | ND | | 0.99 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Trichloroethene | ND | | 2.0 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Trichlorofluoromethane | ND | | 9.9 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Vinyl acetate | ND | | 9.9 | 3.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |
| Vinyl chloride | ND | | 0.99 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 11:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 11:56* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 11:56* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 11:56* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 11:56* | *1* |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-5-5**
**Lab Sample ID: 570-130377-4**
**Date Collected: 03/08/23 08:54**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.82 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.82 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | 0.45 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.2 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.82 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,1-Dichloroethane | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,1-Dichloroethene | ND | | 0.82 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | 0.49 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.2 | 2.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,2-Dibromoethane | ND | | 0.82 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,2-Dichloroethane | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,2-Dichloropropane | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,3-Dichloropropane | ND | | 0.82 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.82 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| **2-Butanone** | **4.0** | **J** | 16 | 3.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 2-Chlorotoluene | ND | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 2-Hexanone | ND | | 16 | 2.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 4-Chlorotoluene | ND | | 0.82 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | 2.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| **Acetone** | **67** | | 16 | 8.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| **Benzene** | **4.6** | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Bromobenzene | ND | | 0.82 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Bromochloromethane | ND | | 1.6 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Bromodichloromethane | ND | | 0.82 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Bromoform | ND | | 4.1 | 1.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Bromomethane | ND | | 16 | 5.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.82 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.82 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| **Carbon disulfide** | **0.71** | **J** | 8.2 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Carbon tetrachloride | ND | | 0.82 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Chlorobenzene | ND | | 0.82 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Chloroethane | ND | | 1.6 | 0.61 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Chloroform | ND | | 0.82 | 0.48 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Chloromethane | ND | | 16 | 1.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Dibromochloromethane | ND | | 1.6 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Dibromomethane | ND | | 0.82 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.82 | 0.41 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Ethanol | ND | | 210 | 76 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| **Ethylbenzene** | **0.57** | **J** | 0.82 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-5-5**
**Date Collected: 03/08/23 08:54**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 0.82 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Isopropylbenzene | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Methylene Chloride | ND | | 8.2 | 2.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | 0.15 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Naphthalene | ND | | 8.2 | 3.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| n-Butylbenzene | ND | | 0.82 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| N-Propylbenzene | ND | | 1.6 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| **o-Xylene** | **0.27** | **J** | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| **m,p-Xylene** | **0.51** | **J** | 1.6 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| p-Isopropyltoluene | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| sec-Butylbenzene | ND | | 0.82 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Styrene | ND | | 0.82 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.82 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.82 | 0.16 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| **tert-Butyl alcohol (TBA)** | **41** | | 16 | 5.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| tert-Butylbenzene | ND | | 0.82 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Tetrachloroethene | ND | | 0.82 | 0.18 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| **Toluene** | **3.3** | | 0.82 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Trichloroethene | ND | | 1.6 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Trichlorofluoromethane | ND | | 8.2 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Vinyl acetate | ND | | 8.2 | 3.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |
| Vinyl chloride | ND | | 0.82 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 12:17* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 12:17* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 12:17* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 12:17* | *1* |

**Client Sample ID: HP-7-5**
**Date Collected: 03/08/23 09:36**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.84 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.84 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | 0.46 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.4 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.84 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,1-Dichloroethane | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,1-Dichloroethene | ND | | 0.84 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | 0.35 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | 0.50 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.4 | 2.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,2-Dibromoethane | ND | | 0.84 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-7-5**
**Date Collected: 03/08/23 09:36**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,2-Dichloropropane | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,3-Dichloropropane | ND | | 0.84 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.84 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 2,2-Dichloropropane | ND | | 4.2 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 2-Butanone | ND | | 17 | 3.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 2-Chlorotoluene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 2-Hexanone | ND | | 17 | 2.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 4-Chlorotoluene | ND | | 0.84 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | 2.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| **Acetone** | **38** | | 17 | 8.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| **Benzene** | **0.35** | **J** | 0.84 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Bromobenzene | ND | | 0.84 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Bromochloromethane | ND | | 1.7 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Bromodichloromethane | ND | | 0.84 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Bromoform | ND | | 4.2 | 1.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Bromomethane | ND | | 17 | 5.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.84 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.84 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Carbon disulfide | ND | | 8.4 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Carbon tetrachloride | ND | | 0.84 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Chlorobenzene | ND | | 0.84 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Chloroethane | ND | | 1.7 | 0.62 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Chloroform | ND | | 0.84 | 0.49 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Chloromethane | ND | | 17 | 1.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Dibromochloromethane | ND | | 1.7 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Dibromomethane | ND | | 0.84 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.84 | 0.42 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Ethanol | ND | | 210 | 77 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Ethylbenzene | ND | | 0.84 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.84 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Isopropylbenzene | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Methylene Chloride | ND | | 8.4 | 2.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | 0.16 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Naphthalene | ND | | 8.4 | 3.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| n-Butylbenzene | ND | | 0.84 | 0.18 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| N-Propylbenzene | ND | | 1.7 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| o-Xylene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| m,p-Xylene | ND | | 1.7 | 0.40 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| p-Isopropyltoluene | ND | | 0.84 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| sec-Butylbenzene | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Styrene | ND | | 0.84 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.84 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.84 | 0.16 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-7-5**
**Date Collected: 03/08/23 09:36**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **23** | | 17 | 5.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| tert-Butylbenzene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Tetrachloroethene | ND | | 0.84 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| **Toluene** | **0.31** | **J** | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Trichloroethene | ND | | 1.7 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Trichlorofluoromethane | ND | | 8.4 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Vinyl acetate | ND | | 8.4 | 3.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |
| Vinyl chloride | ND | | 0.84 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 12:38* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 12:38* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 12:38* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 12:38* | *1* |

**Client Sample ID: HP-8-5**
**Date Collected: 03/08/23 10:05**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.81 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.81 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | 0.44 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.1 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.81 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,1-Dichloroethane | ND | | 0.81 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,1-Dichloroethene | ND | | 0.81 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | 0.49 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.1 | 2.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,2-Dibromoethane | ND | | 0.81 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.81 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,2-Dichloroethane | ND | | 0.81 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,2-Dichloropropane | ND | | 0.81 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.81 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,3-Dichloropropane | ND | | 0.81 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.81 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 2-Butanone | ND | | 16 | 3.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 2-Chlorotoluene | ND | | 0.81 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 2-Hexanone | ND | | 16 | 2.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 4-Chlorotoluene | ND | | 0.81 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | 2.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| **Acetone** | **25** | | 16 | 8.0 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| **Benzene** | **0.55** | **J** | 0.81 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Bromobenzene | ND | | 0.81 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-8-5**
**Date Collected: 03/08/23 10:05**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 1.6 | 0.36 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Bromodichloromethane | ND | | 0.81 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Bromoform | ND | | 4.1 | 1.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Bromomethane | ND | | 16 | 5.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.81 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.81 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Carbon disulfide | ND | | 8.1 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Carbon tetrachloride | ND | | 0.81 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Chlorobenzene | ND | | 0.81 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Chloroethane | ND | | 1.6 | 0.60 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Chloroform | ND | | 0.81 | 0.48 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Chloromethane | ND | | 16 | 1.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Dibromochloromethane | ND | | 1.6 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Dibromomethane | ND | | 0.81 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.81 | 0.41 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Ethanol | ND | | 200 | 75 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Ethylbenzene | ND | | 0.81 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.81 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Isopropylbenzene | ND | | 0.81 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Methylene Chloride | ND | | 8.1 | 2.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | 0.15 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Naphthalene | ND | | 8.1 | 3.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| n-Butylbenzene | ND | | 0.81 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| N-Propylbenzene | ND | | 1.6 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| o-Xylene | ND | | 0.81 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| m,p-Xylene | ND | | 1.6 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| p-Isopropyltoluene | ND | | 0.81 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| sec-Butylbenzene | ND | | 0.81 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Styrene | ND | | 0.81 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.81 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.81 | 0.16 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| **tert-Butyl alcohol (TBA)** | **14** | **J** | 16 | 5.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| tert-Butylbenzene | ND | | 0.81 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| **Tetrachloroethene** | **0.26** | **J** | 0.81 | 0.18 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Toluene | ND | | 0.81 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Trichloroethene | ND | | 1.6 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Trichlorofluoromethane | ND | | 8.1 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Vinyl acetate | ND | | 8.1 | 3.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |
| Vinyl chloride | ND | | 0.81 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 12:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 12:59* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 12:59* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 12:59* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 12:59* | *1* |

Client: EEC Environmental
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

Job ID: 570-130377-1

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-8-10**
**Date Collected: 03/08/23 10:12**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.55 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | 0.46 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.47 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | 0.42 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.41 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.60 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | 3.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 2-Butanone | ND | | 20 | 4.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 2-Hexanone | ND | | 20 | 3.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | 2.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| **Acetone** | **55** | | 20 | 9.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Benzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Bromobenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Bromochloromethane | ND | | 2.0 | 0.45 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Bromoform | ND | | 5.0 | 1.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Bromomethane | ND | | 20 | 6.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.35 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Carbon disulfide | ND | | 10 | 0.40 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Chloroethane | ND | | 2.0 | 0.75 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Chloroform | ND | | 1.0 | 0.59 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Chloromethane | ND | | 20 | 1.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Dibromochloromethane | ND | | 2.0 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Dibromomethane | ND | | 1.0 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | 0.46 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | 0.50 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Ethanol | ND | | 250 | 93 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-8-10**
**Date Collected: 03/08/23 10:12**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Methylene Chloride | ND | | 10 | 3.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Naphthalene | ND | | 10 | 3.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| N-Propylbenzene | ND | | 2.0 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| o-Xylene | ND | | 1.0 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| m,p-Xylene | ND | | 2.0 | 0.48 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Styrene | ND | | 1.0 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| **tert-Butyl alcohol (TBA)** | **30** | | 20 | 7.0 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Toluene | ND | | 1.0 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Trichloroethene | ND | | 2.0 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Trichlorofluoromethane | ND | | 10 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Vinyl acetate | ND | | 10 | 3.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 13:20* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 13:20* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 13:20* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 13:20* | *1* |

**Client Sample ID: HP-8-15**
**Date Collected: 03/08/23 10:17**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.95 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.95 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | 0.52 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.5 | 0.44 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.95 | 0.44 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,1-Dichloroethane | ND | | 0.95 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,1-Dichloroethene | ND | | 0.95 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | 0.36 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | 0.40 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | 0.57 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.5 | 3.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,2-Dibromoethane | ND | | 0.95 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.95 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-8-15**
**Date Collected: 03/08/23 10:17**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 0.95 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,2-Dichloropropane | ND | | 0.95 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.95 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,3-Dichloropropane | ND | | 0.95 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.95 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 2,2-Dichloropropane | ND | | 4.8 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 2-Butanone | ND | | 19 | 4.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 2-Chlorotoluene | ND | | 0.95 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 2-Hexanone | ND | | 19 | 2.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 4-Chlorotoluene | ND | | 0.95 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | 2.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| **Acetone** | **53** | | 19 | 9.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Benzene | ND | | 0.95 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Bromobenzene | ND | | 0.95 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Bromochloromethane | ND | | 1.9 | 0.42 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Bromodichloromethane | ND | | 0.95 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Bromoform | ND | | 4.8 | 1.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Bromomethane | ND | | 19 | 6.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.95 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.95 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Carbon disulfide | ND | | 9.5 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Carbon tetrachloride | ND | | 0.95 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Chlorobenzene | ND | | 0.95 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Chloroethane | ND | | 1.9 | 0.71 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Chloroform | ND | | 0.95 | 0.56 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Chloromethane | ND | | 19 | 1.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Dibromochloromethane | ND | | 1.9 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Dibromomethane | ND | | 0.95 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | 0.43 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.95 | 0.48 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Ethanol | ND | | 240 | 88 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Ethylbenzene | ND | | 0.95 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.95 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Isopropylbenzene | ND | | 0.95 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Methylene Chloride | ND | | 9.5 | 3.0 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | 0.18 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Naphthalene | ND | | 9.5 | 3.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| n-Butylbenzene | ND | | 0.95 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| N-Propylbenzene | ND | | 1.9 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| o-Xylene | ND | | 0.95 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| m,p-Xylene | ND | | 1.9 | 0.45 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| p-Isopropyltoluene | ND | | 0.95 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| sec-Butylbenzene | ND | | 0.95 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Styrene | ND | | 0.95 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.95 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.95 | 0.18 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-8-15**
**Date Collected: 03/08/23 10:17**
**Date Received: 03/08/23 13:01**
**Lab Sample ID: 570-130377-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **33** | | 19 | 6.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| tert-Butylbenzene | ND | | 0.95 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| **Tetrachloroethene** | **3.2** | | 0.95 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Toluene | ND | | 0.95 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| **Trichloroethene** | **1.4** | **J** | 1.9 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Trichlorofluoromethane | ND | | 9.5 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Vinyl acetate | ND | | 9.5 | 3.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |
| Vinyl chloride | ND | | 0.95 | 0.36 | ug/Kg | | 03/09/23 09:43 | 03/09/23 13:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 13:41* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 13:41* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 13:41* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 13:41* | *1* |

**Client Sample ID: HP-14-5**
**Date Collected: 03/08/23 10:55**
**Date Received: 03/08/23 13:01**
**Lab Sample ID: 570-130377-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.84 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.84 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | 0.46 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.4 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.84 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,1-Dichloroethane | ND | | 0.84 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,1-Dichloroethene | ND | | 0.84 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | 0.35 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | 0.35 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | 0.50 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.4 | 2.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,2-Dibromoethane | ND | | 0.84 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,2-Dichloroethane | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,2-Dichloropropane | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,3-Dichloropropane | ND | | 0.84 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.84 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 2,2-Dichloropropane | ND | | 4.2 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 2-Butanone | ND | | 17 | 3.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 2-Chlorotoluene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 2-Hexanone | ND | | 17 | 2.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 4-Chlorotoluene | ND | | 0.84 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | 2.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| **Acetone** | **28** | | 17 | 8.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| **Benzene** | **1.4** | | 0.84 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Bromobenzene | ND | | 0.84 | 0.18 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-14-5**
**Date Collected: 03/08/23 10:55**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 1.7 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Bromodichloromethane | ND | | 0.84 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Bromoform | ND | | 4.2 | 1.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Bromomethane | ND | | 17 | 5.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.84 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.84 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Carbon disulfide | ND | | 8.4 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Carbon tetrachloride | ND | | 0.84 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Chlorobenzene | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Chloroethane | ND | | 1.7 | 0.62 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Chloroform | ND | | 0.84 | 0.50 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Chloromethane | ND | | 17 | 1.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Dibromochloromethane | ND | | 1.7 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Dibromomethane | ND | | 0.84 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | 0.38 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.84 | 0.42 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Ethanol | ND | | 210 | 77 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Ethylbenzene | ND | | 0.84 | 0.17 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.84 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Isopropylbenzene | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Methylene Chloride | ND | | 8.4 | 2.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | 0.16 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Naphthalene | ND | | 8.4 | 3.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| n-Butylbenzene | ND | | 0.84 | 0.18 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| N-Propylbenzene | ND | | 1.7 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| o-Xylene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| m,p-Xylene | ND | | 1.7 | 0.40 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| p-Isopropyltoluene | ND | | 0.84 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| sec-Butylbenzene | ND | | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Styrene | ND | | 0.84 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.84 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.84 | 0.16 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| **tert-Butyl alcohol (TBA)** | **13** | **J** | 17 | 5.9 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| tert-Butylbenzene | ND | | 0.84 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| **Tetrachloroethene** | **1.9** | | 0.84 | 0.19 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| **Toluene** | **0.44** | **J** | 0.84 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Trichloroethene | ND | | 1.7 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Trichlorofluoromethane | ND | | 8.4 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Vinyl acetate | ND | | 8.4 | 3.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |
| Vinyl chloride | ND | | 0.84 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 14:02* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 14:02* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 14:02* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 14:02* | *1* |

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-14-10**
**Date Collected: 03/08/23 11:00**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | 0.58 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | 0.49 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | 0.49 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | 0.41 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | 0.40 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | 0.44 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | 0.43 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | 0.64 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | 3.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,2-Dichloropropane | ND | | 1.1 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 2,2-Dichloropropane | ND | | 5.3 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 2-Butanone | ND | | 21 | 4.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 2-Hexanone | ND | | 21 | 3.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | 3.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| **Acetone** | **48** | | 21 | 10 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Benzene | ND | | 1.1 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Bromobenzene | ND | | 1.1 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Bromochloromethane | ND | | 2.1 | 0.47 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Bromodichloromethane | ND | | 1.1 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Bromoform | ND | | 5.3 | 1.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Bromomethane | ND | | 21 | 7.0 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | 0.36 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Carbon disulfide | ND | | 11 | 0.42 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Carbon tetrachloride | ND | | 1.1 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Chlorobenzene | ND | | 1.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Chloroethane | ND | | 2.1 | 0.79 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Chloroform | ND | | 1.1 | 0.62 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Chloromethane | ND | | 21 | 1.6 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Dibromochloromethane | ND | | 2.1 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Dibromomethane | ND | | 1.1 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | 0.48 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | 0.53 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Ethanol | ND | | 260 | 98 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Ethylbenzene | ND | | 1.1 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-14-10**
**Date Collected: 03/08/23 11:00**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Isopropylbenzene | ND | | 1.1 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Methylene Chloride | ND | | 11 | 3.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | 0.20 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Naphthalene | ND | | 11 | 4.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| n-Butylbenzene | ND | | 1.1 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| N-Propylbenzene | ND | | 2.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| o-Xylene | ND | | 1.1 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| m,p-Xylene | ND | | 2.1 | 0.50 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| sec-Butylbenzene | ND | | 1.1 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Styrene | ND | | 1.1 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.1 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| **tert-Butyl alcohol (TBA)** | **27** | | 21 | 7.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| tert-Butylbenzene | ND | | 1.1 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Tetrachloroethene | ND | | 1.1 | 0.24 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Toluene | ND | | 1.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Trichloroethene | ND | | 2.1 | 0.41 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Trichlorofluoromethane | ND | | 11 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Vinyl acetate | ND | | 11 | 4.1 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |
| Vinyl chloride | ND | | 1.1 | 0.40 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 14:23* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 14:23* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 14:23* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 14:23* | *1* |

**Client Sample ID: HP-14-15**
**Date Collected: 03/08/23 11:03**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | 0.32 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.2 | 0.60 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | 0.51 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | 0.52 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,1-Dichloropropene | ND | | 2.2 | 0.43 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.2 | 0.42 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.2 | 0.47 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.2 | 0.46 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.2 | 0.67 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | 3.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-14-15**
**Date Collected: 03/08/23 11:03**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 1.1 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,2-Dichloropropane | ND | | 1.1 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.2 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 2,2-Dichloropropane | ND | | 5.6 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 2-Butanone | ND | | 22 | 5.0 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 2-Hexanone | ND | | 22 | 3.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | 0.27 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| 4-Methyl-2-pentanone | ND | | 22 | 3.2 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| **Acetone** | **56** | | 22 | 11 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Benzene | ND | | 1.1 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Bromobenzene | ND | | 1.1 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Bromochloromethane | ND | | 2.2 | 0.49 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Bromodichloromethane | ND | | 1.1 | 0.36 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Bromoform | ND | | 5.6 | 1.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Bromomethane | ND | | 22 | 7.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | 0.37 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | 0.39 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Carbon disulfide | ND | | 11 | 0.44 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Carbon tetrachloride | ND | | 1.1 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Chlorobenzene | ND | | 1.1 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Chloroethane | ND | | 2.2 | 0.83 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Chloroform | ND | | 1.1 | 0.65 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Chloromethane | ND | | 22 | 1.7 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Dibromochloromethane | ND | | 2.2 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Dibromomethane | ND | | 1.1 | 0.34 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Dichlorodifluoromethane | ND | | 2.2 | 0.50 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | 0.56 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Ethanol | ND | | 280 | 100 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Ethylbenzene | ND | | 1.1 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | 0.26 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Isopropylbenzene | ND | | 1.1 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Methylene Chloride | ND | | 11 | 3.5 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.2 | 0.21 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Naphthalene | ND | | 11 | 4.4 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| n-Butylbenzene | ND | | 1.1 | 0.23 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| N-Propylbenzene | ND | | 2.2 | 0.29 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| o-Xylene | ND | | 1.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| m,p-Xylene | ND | | 2.2 | 0.53 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| sec-Butylbenzene | ND | | 1.1 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Styrene | ND | | 1.1 | 0.35 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.1 | 0.33 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.2 | 0.31 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | 0.22 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-14-15**
**Date Collected: 03/08/23 11:03**
**Date Received: 03/08/23 13:01**

**Lab Sample ID: 570-130377-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **28** | | 22 | 7.8 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| tert-Butylbenzene | ND | | 1.1 | 0.28 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| **Tetrachloroethene** | **0.67** | **J** | 1.1 | 0.25 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Toluene | ND | | 1.1 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Trichloroethene | ND | | 2.2 | 0.43 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Trichlorofluoromethane | ND | | 11 | 0.30 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Vinyl acetate | ND | | 11 | 4.3 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |
| Vinyl chloride | ND | | 1.1 | 0.42 | ug/Kg | | 03/09/23 09:43 | 03/09/23 14:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *32 - 179* | *03/09/23 09:43* | *03/09/23 14:44* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 14:44* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *58 - 147* | *03/09/23 09:43* | *03/09/23 14:44* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/09/23 09:43* | *03/09/23 14:44* | *1* |

# Surrogate Summary

Client: EEC Environmental
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

Job ID: 570-130377-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (32-179) | (80-120) | (58-147) | (80-120) |
| 570-130377-1 | HP-6-5 | 117 | 99 | 105 | 100 |
| 570-130377-2 | HP-6-10 | 117 | 101 | 109 | 99 |
| 570-130377-3 | HP-6-15 | 111 | 96 | 107 | 98 |
| 570-130377-4 | HP-5-5 | 114 | 97 | 103 | 99 |
| 570-130377-5 | HP-7-5 | 113 | 99 | 104 | 100 |
| 570-130377-6 | HP-8-5 | 115 | 98 | 104 | 101 |
| 570-130377-7 | HP-8-10 | 116 | 97 | 108 | 102 |
| 570-130377-8 | HP-8-15 | 114 | 96 | 104 | 98 |
| 570-130377-9 | HP-14-5 | 116 | 96 | 107 | 99 |
| 570-130377-10 | HP-14-10 | 114 | 100 | 106 | 99 |
| 570-130377-11 | HP-14-15 | 115 | 99 | 107 | 99 |
| LCS 570-310189/4 | Lab Control Sample | 100 | 99 | 101 | 101 |
| LCSD 570-310189/5 | Lab Control Sample Dup | 101 | 98 | 100 | 101 |
| MB 570-310189/7 | Method Blank | 98 | 95 | 99 | 98 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-310189/7**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.29 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.23 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.54 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | 0.46 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.46 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | 0.39 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | 0.38 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | 0.42 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.41 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.60 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | 3.3 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.21 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | 0.30 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.31 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 2-Butanone | ND | | 20 | 4.5 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 2-Hexanone | ND | | 20 | 3.1 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | 0.24 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | 2.9 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Acetone | ND | | 20 | 9.8 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Benzene | ND | | 1.0 | 0.26 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromobenzene | ND | | 1.0 | 0.21 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromochloromethane | ND | | 2.0 | 0.44 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.33 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromoform | ND | | 5.0 | 1.3 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromomethane | ND | | 20 | 6.6 | ug/Kg | | | 03/09/23 10:32 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.34 | ug/Kg | | | 03/09/23 10:32 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.35 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Carbon disulfide | ND | | 10 | 0.40 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.30 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Chloroethane | ND | | 2.0 | 0.74 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Chloroform | ND | | 1.0 | 0.59 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Chloromethane | ND | | 20 | 1.5 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Dibromochloromethane | ND | | 2.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Dibromomethane | ND | | 1.0 | 0.31 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | 0.45 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | 0.50 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Ethanol | ND | | 250 | 92 | ug/Kg | | | 03/09/23 10:32 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-310189/7**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | 0.24 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Methylene Chloride | ND | | 10 | 3.1 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | 0.19 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Naphthalene | ND | | 10 | 3.9 | ug/Kg | | | 03/09/23 10:32 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | | 03/09/23 10:32 | 1 |
| N-Propylbenzene | ND | | 2.0 | 0.26 | ug/Kg | | | 03/09/23 10:32 | 1 |
| o-Xylene | ND | | 1.0 | 0.26 | ug/Kg | | | 03/09/23 10:32 | 1 |
| m,p-Xylene | ND | | 2.0 | 0.47 | ug/Kg | | | 03/09/23 10:32 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Styrene | ND | | 1.0 | 0.32 | ug/Kg | | | 03/09/23 10:32 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.30 | ug/Kg | | | 03/09/23 10:32 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | 0.19 | ug/Kg | | | 03/09/23 10:32 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | 7.0 | ug/Kg | | | 03/09/23 10:32 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.22 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Toluene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Trichloroethene | ND | | 2.0 | 0.39 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Trichlorofluoromethane | ND | | 10 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Vinyl acetate | ND | | 10 | 3.9 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.38 | ug/Kg | | | 03/09/23 10:32 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *32 - 179* | | *03/09/23 10:32* | *1* |
| *4-Bromofluorobenzene (Surr)* | *95* | | *80 - 120* | | *03/09/23 10:32* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *58 - 147* | | *03/09/23 10:32* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | | *03/09/23 10:32* | *1* |

**Lab Sample ID: LCS 570-310189/4**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 46.52 | | ug/Kg | | 93 | 74 - 132 |
| 1,2-Dibromoethane | 50.0 | 49.98 | | ug/Kg | | 100 | 80 - 120 |
| 1,2-Dichlorobenzene | 50.0 | 48.74 | | ug/Kg | | 97 | 80 - 120 |
| 1,2-Dichloroethane | 50.0 | 47.48 | | ug/Kg | | 95 | 77 - 120 |
| Benzene | 50.0 | 47.69 | | ug/Kg | | 95 | 80 - 120 |
| Carbon tetrachloride | 50.0 | 43.38 | | ug/Kg | | 87 | 75 - 140 |
| Chlorobenzene | 50.0 | 48.16 | | ug/Kg | | 96 | 80 - 120 |
| Di-isopropyl ether (DIPE) | 50.0 | 48.90 | | ug/Kg | | 98 | 73 - 132 |
| Ethanol | 500 | 746.4 | | ug/Kg | | 149 | 46 - 159 |
| Ethylbenzene | 50.0 | 49.50 | | ug/Kg | | 99 | 80 - 120 |
| Ethyl-t-butyl ether (ETBE) | 50.0 | 49.22 | | ug/Kg | | 98 | 77 - 129 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-310189/4**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 49.12 | | ug/Kg | | 98 | 79 - 123 | | |
| o-Xylene | | | 50.0 | 48.61 | | ug/Kg | | 97 | 80 - 120 | | |
| m,p-Xylene | | | 100 | 102.9 | | ug/Kg | | 103 | 80 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *32 - 179* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *58 - 147* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 570-310189/5**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.78 | | ug/Kg | | 96 | 74 - 132 | 3 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 52.32 | | ug/Kg | | 105 | 80 - 120 | 5 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 51.64 | | ug/Kg | | 103 | 80 - 120 | 6 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 49.63 | | ug/Kg | | 99 | 77 - 120 | 4 | 20 |
| Benzene | | | 50.0 | 49.80 | | ug/Kg | | 100 | 80 - 120 | 4 | 20 |
| Carbon tetrachloride | | | 50.0 | 46.38 | | ug/Kg | | 93 | 75 - 140 | 7 | 20 |
| Chlorobenzene | | | 50.0 | 52.28 | | ug/Kg | | 105 | 80 - 120 | 8 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 51.62 | | ug/Kg | | 103 | 73 - 132 | 5 | 20 |
| Ethanol | | | 500 | 688.1 | | ug/Kg | | 138 | 46 - 159 | 8 | 30 |
| Ethylbenzene | | | 50.0 | 53.04 | | ug/Kg | | 106 | 80 - 120 | 7 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 52.09 | | ug/Kg | | 104 | 77 - 129 | 6 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 51.87 | | ug/Kg | | 104 | 79 - 123 | 5 | 20 |
| o-Xylene | | | 50.0 | 51.84 | | ug/Kg | | 104 | 80 - 120 | 6 | 20 |
| m,p-Xylene | | | 100 | 108.6 | | ug/Kg | | 109 | 80 - 120 | 5 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *32 - 179* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *100* | | *58 - 147* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

# QC Association Summary

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## GC/MS VOA

### Analysis Batch: 310189

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-130377-1 | HP-6-5 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-2 | HP-6-10 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-3 | HP-6-15 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-4 | HP-5-5 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-5 | HP-7-5 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-6 | HP-8-5 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-7 | HP-8-10 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-8 | HP-8-15 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-9 | HP-14-5 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-10 | HP-14-10 | Total/NA | Solid | 8260B | 310230 |
| 570-130377-11 | HP-14-15 | Total/NA | Solid | 8260B | 310230 |
| MB 570-310189/7 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-310189/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-310189/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Prep Batch: 310230

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-130377-1 | HP-6-5 | Total/NA | Solid | 5035 | |
| 570-130377-2 | HP-6-10 | Total/NA | Solid | 5035 | |
| 570-130377-3 | HP-6-15 | Total/NA | Solid | 5035 | |
| 570-130377-4 | HP-5-5 | Total/NA | Solid | 5035 | |
| 570-130377-5 | HP-7-5 | Total/NA | Solid | 5035 | |
| 570-130377-6 | HP-8-5 | Total/NA | Solid | 5035 | |
| 570-130377-7 | HP-8-10 | Total/NA | Solid | 5035 | |
| 570-130377-8 | HP-8-15 | Total/NA | Solid | 5035 | |
| 570-130377-9 | HP-14-5 | Total/NA | Solid | 5035 | |
| 570-130377-10 | HP-14-10 | Total/NA | Solid | 5035 | |
| 570-130377-11 | HP-14-15 | Total/NA | Solid | 5035 | |

# Lab Chronicle

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-6-5
**Lab Sample ID: 570-130377-1**
**Date Collected: 03/08/23 07:50**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.106 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 11:14 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-6-10
**Lab Sample ID: 570-130377-2**
**Date Collected: 03/08/23 07:53**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.317 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 11:35 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-6-15
**Lab Sample ID: 570-130377-3**
**Date Collected: 03/08/23 07:55**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.032 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 11:56 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-5-5
**Lab Sample ID: 570-130377-4**
**Date Collected: 03/08/23 08:54**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.082 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 12:17 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-7-5
**Lab Sample ID: 570-130377-5**
**Date Collected: 03/08/23 09:36**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.973 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 12:38 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

# Lab Chronicle

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-8-5
**Lab Sample ID: 570-130377-6**
**Date Collected: 03/08/23 10:05**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.151 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 12:59 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-8-10
**Lab Sample ID: 570-130377-7**
**Date Collected: 03/08/23 10:12**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.974 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 13:20 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-8-15
**Lab Sample ID: 570-130377-8**
**Date Collected: 03/08/23 10:17**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.249 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 13:41 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-14-5
**Lab Sample ID: 570-130377-9**
**Date Collected: 03/08/23 10:55**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.947 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 14:02 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-14-10
**Lab Sample ID: 570-130377-10**
**Date Collected: 03/08/23 11:00**
**Matrix: Solid**
**Date Received: 03/08/23 13:01**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.724 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 14:23 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

# Lab Chronicle

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-14-15
**Date Collected: 03/08/23 11:03**
**Date Received: 03/08/23 13:01**

## Lab Sample ID: 570-130377-11
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.503 g | 5 mL | 310230 | 03/09/23 09:43 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 14:44 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

**Laboratory References:**

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

# Accreditation/Certification Summary

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 3082 | 07-31-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 8260B | 5035 | Solid | 1,1,2-Trichloro-1,2,2-trifluoroethane |
| 8260B | 5035 | Solid | 1,1-Dichloropropene |
| 8260B | 5035 | Solid | 1,2,3-Trichlorobenzene |
| 8260B | 5035 | Solid | 1,2,4-Trimethylbenzene |
| 8260B | 5035 | Solid | 1,3,5-Trimethylbenzene |
| 8260B | 5035 | Solid | 1,3-Dichloropropane |
| 8260B | 5035 | Solid | 2,2-Dichloropropane |
| 8260B | 5035 | Solid | 2-Butanone |
| 8260B | 5035 | Solid | 2-Chlorotoluene |
| 8260B | 5035 | Solid | 2-Hexanone |
| 8260B | 5035 | Solid | Acetone |
| 8260B | 5035 | Solid | Ethanol |
| 8260B | 5035 | Solid | Isopropylbenzene |
| 8260B | 5035 | Solid | p-Isopropyltoluene |
| 8260B | 5035 | Solid | Vinyl acetate |

| | | | |
|---|---|---|---|
| Oregon | NELAP | 4175 | 02-02-24 |

# Method Summary

Client: EEC Environmental
Job ID: 570-130377-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | EET CAL 4 |
| 5035 | Closed System Purge and Trap | SW846 | EET CAL 4 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CAL 4 = Eurofins Calscience  Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

# Sample Summary

Client: EEC Environmental
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

Job ID: 570-130377-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 570-130377-1 | HP-6-5 | Solid | 03/08/23 07:50 | 03/08/23 13:01 |
| 570-130377-2 | HP-6-10 | Solid | 03/08/23 07:53 | 03/08/23 13:01 |
| 570-130377-3 | HP-6-15 | Solid | 03/08/23 07:55 | 03/08/23 13:01 |
| 570-130377-4 | HP-5-5 | Solid | 03/08/23 08:54 | 03/08/23 13:01 |
| 570-130377-5 | HP-7-5 | Solid | 03/08/23 09:36 | 03/08/23 13:01 |
| 570-130377-6 | HP-8-5 | Solid | 03/08/23 10:05 | 03/08/23 13:01 |
| 570-130377-7 | HP-8-10 | Solid | 03/08/23 10:12 | 03/08/23 13:01 |
| 570-130377-8 | HP-8-15 | Solid | 03/08/23 10:17 | 03/08/23 13:01 |
| 570-130377-9 | HP-14-5 | Solid | 03/08/23 10:55 | 03/08/23 13:01 |
| 570-130377-10 | HP-14-10 | Solid | 03/08/23 11:00 | 03/08/23 13:01 |
| 570-130377-11 | HP-14-15 | Solid | 03/08/23 11:03 | 03/08/23 13:01 |

Eurofins Calscience
2841 Dow Ave., Suite 100
Tustin CA 92780
Phone (949) 261-1022 Fax (949) 260-3297

# Chain of Custody Record

eurofins

Loc: 570
130377

| Client Information | Sampler: Luke Pastore | Lab PM: Tina Nguyen | Carrier Tracking No(s): | COC No: |
|---|---|---|---|---|
| Client Contact: Bina Patel | Phone: 714-404-1770 | E-Mail: bpatel@eecenvironmental.com | | Page: 1 |
| Company: EEC Environmental | | | | Job #: |
| Address: One City Boulevard West, Ste 1800 | Due Date Requested: — | Analysis Requested | | Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, Other: |
| City: Orange | TAT Requested (days): Standard | | | |
| State, Zip: CA, 92868 | PO #: S-3597.04T | | | |
| Phone: 714-667-2300 | WO #: | | | |
| Email: bpatel@eecenvironmental.com | Project #: S-3597.04T | | | |
| Project Name: Soil Vapor Assessment | SSOW#: | | | |
| Site: Rosemead Holdings / PDC | | | | |

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | VOCs (8260B) | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | |
| 1 | HP-6-5 | 3/8/23 | 0750 | G | Soil | * | - | X | 4 | |
| 2 | HP-6-10 | | 0753 | | | | | X | | |
| 3 | HP-6-15 | | 0755 | | | | | X | | |
| 4 | HP-5-5 | | 0854 | | | | | X | | |
| 5 | HP-7-5 | | 0936 | | | | | X | | |
| 6 | HP-8-5 | | 1005 | | | | | X | | |
| 7 | HP-8-10 | | 1012 | | | | | X | | |
| 8 | HP-8-15 | | 1017 | | | | | X | | |
| 9 | HP-14-5 | | 1055 | | | | | X | | |
| 10 | HP-14-10 | | 1100 | | | | | X | | |
| 11 | HP-14-15 | | 1103 | | | | | X | | |

**Possible Hazard Identification**
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | | 3/8/23 | EEC | | 3/8/23 13:01 | EC |
| 2 | | | | | | |
| 3 | | | | | | |

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.4 / 5.3 SC12

570-130377 Chain of Custody

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: EEC Environmental

Job Number: 570-130377-1

**Login Number: 130377**
**List Number: 1**
**Creator: Nguyen, Tina**

**List Source: Eurofins Calscience**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bina Patel
EEC Environmental
One City Blvd
Suite 1800
Orange, California 92868

Generated 3/10/2023 4:48:26 PM

## JOB DESCRIPTION

Soil Vapor Assessment / Rosemead Holding / PDC

## JOB NUMBER

570-130391-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

# Eurofins Calscience

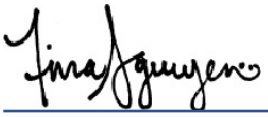
## Job Notes

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender and destroy this report immediately. This report shall not be reproduced except in full, without prior express written approval by the laboratory.

The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

## Authorization



Generated
3/10/2023 4:48:26 PM

Authorized for release by
Tina Nguyen, Project Manager
Tina.Nguyen@et.eurofinsus.com
(657)210-6301

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 3
Definitions/Glossary . . . . . 4
Case Narrative . . . . . 5
Detection Summary . . . . . 6
Client Sample Results . . . . . 10
Surrogate Summary . . . . . 40
QC Sample Results . . . . . 41
QC Association Summary . . . . . 47
Lab Chronicle . . . . . 48
Certification Summary . . . . . 52
Method Summary . . . . . 53
Sample Summary . . . . . 54
Chain of Custody . . . . . 55
Receipt Checklists . . . . . 57

# Definitions/Glossary

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# Case Narrative

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Job ID: 570-130391-1

### Laboratory: Eurofins Calscience

**Narrative**

**Job Narrative**
**570-130391-1**

**Comments**
No additional comments.

**Receipt**
The samples were received on 3/7/2023 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.7º C.

**Receipt Exceptions**
The 40ml Terracore vial w/ MeOH was recieved with no methanol for the following sample:
HP-12-10 (570-130391-2)

**GC/MS VOA**
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-310059. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-310189.The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**VOA Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-12-5 — Lab Sample ID: 570-130391-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 61 | | 21 | 10 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 0.70 | J | 1.0 | 0.27 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 39 | | 21 | 7.2 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.55 | J | 1.0 | 0.23 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 0.41 | J | 1.0 | 0.28 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-12-10 — Lab Sample ID: 570-130391-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 64 | | 20 | 9.8 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 0.43 | J | 1.0 | 0.26 | ug/Kg | 1 | | 8260B | Total/NA |
| Ethanol | 110 | J | 250 | 92 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 65 | | 20 | 7.0 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 3.0 | | 1.0 | 0.22 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-12-15 — Lab Sample ID: 570-130391-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 110 | | 30 | 15 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 540 | | 30 | 11 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-11-5 — Lab Sample ID: 570-130391-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | 4.8 | J | 14 | 3.3 | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 77 | | 14 | 7.1 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.5 | | 0.72 | 0.19 | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 0.33 | J | 0.72 | 0.15 | ug/Kg | 1 | | 8260B | Total/NA |
| o-Xylene | 0.20 | J | 0.72 | 0.18 | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 0.52 | J | 1.4 | 0.34 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 73 | | 14 | 5.1 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.5 | | 0.72 | 0.19 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-11-10 — Lab Sample ID: 570-130391-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 41 | | 22 | 11 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 0.65 | J | 1.1 | 0.28 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 28 | | 22 | 7.7 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.88 | J | 1.1 | 0.25 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-11-15 — Lab Sample ID: 570-130391-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 55 | | 21 | 10 | ug/Kg | 1 | | 8260B | Total/NA |
| Ethanol | 280 | | 260 | 95 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 46 | | 21 | 7.2 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-10-5 — Lab Sample ID: 570-130391-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 25 | | 16 | 8.0 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.7 | | 0.82 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: HP-10-5 (Continued) — Lab Sample ID: 570-130391-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | 0.44 | J | 0.82 | 0.17 | ug/Kg | 1 | | 8260B | Total/NA |
| o-Xylene | 0.26 | J | 0.82 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 0.68 | J | 1.6 | 0.39 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 17 | | 16 | 5.7 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.4 | | 0.82 | 0.18 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.3 | | 0.82 | 0.22 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-10-10 — Lab Sample ID: 570-130391-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 61 | | 23 | 11 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 0.51 | J | 1.2 | 0.30 | ug/Kg | 1 | | 8260B | Total/NA |
| Ethanol | 250 | J | 290 | 110 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 83 | | 23 | 8.1 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 6.7 | | 1.2 | 0.26 | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 0.48 | J | 2.3 | 0.45 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-10-15 — Lab Sample ID: 570-130391-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 53 | | 24 | 12 | ug/Kg | 1 | | 8260B | Total/NA |
| Ethanol | 290 | J | 300 | 110 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 120 | | 24 | 8.5 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.28 | J | 1.2 | 0.27 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-9-5 — Lab Sample ID: 570-130391-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 56 | | 18 | 8.7 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 4.4 | | 0.89 | 0.23 | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 0.60 | J | 0.89 | 0.18 | ug/Kg | 1 | | 8260B | Total/NA |
| o-Xylene | 0.33 | J | 0.89 | 0.23 | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 0.95 | J | 1.8 | 0.42 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 42 | | 18 | 6.2 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 33 | | 0.89 | 0.20 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 3.3 | | 0.89 | 0.24 | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 0.92 | J | 1.8 | 0.34 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-9-10 — Lab Sample ID: 570-130391-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 50 | | 20 | 10 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 35 | | 20 | 7.1 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 12 | | 1.0 | 0.23 | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 0.41 | J | 2.0 | 0.39 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-9-15 — Lab Sample ID: 570-130391-12

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 60 | | 21 | 10 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 37 | | 21 | 7.3 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 5.9 | | 1.0 | 0.23 | ug/Kg | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: HP-9-15 (Continued) — Lab Sample ID: 570-130391-12

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | 0.42 | J | 2.1 | 0.40 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-13-5 — Lab Sample ID: 570-130391-13

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 43 | | 18 | 9.0 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 0.37 | J | 0.91 | 0.24 | ug/Kg | 1 | | 8260B | Total/NA |
| Methyl-t-Butyl Ether (MTBE) | 1.4 | J | 1.8 | 0.17 | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 0.46 | J | 1.8 | 0.43 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 35 | | 18 | 6.4 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 0.26 | J | 0.91 | 0.25 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-13-10 — Lab Sample ID: 570-130391-14

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 0.30 | J | 0.97 | 0.27 | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 65 | | 19 | 9.6 | ug/Kg | 1 | | 8260B | Total/NA |
| cis-1,2-Dichloroethene | 0.74 | J | 0.97 | 0.33 | ug/Kg | 1 | | 8260B | Total/NA |
| Carbon disulfide | 0.44 | J | 9.7 | 0.39 | ug/Kg | 1 | | 8260B | Total/NA |
| Methyl-t-Butyl Ether (MTBE) | 0.40 | J | 1.9 | 0.18 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 42 | | 19 | 6.8 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-13-15 — Lab Sample ID: 570-130391-15

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 49 | | 19 | 9.3 | ug/Kg | 1 | | 8260B | Total/NA |
| Carbon disulfide | 0.48 | J | 9.4 | 0.38 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 28 | | 19 | 6.6 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-15-5 — Lab Sample ID: 570-130391-16

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 3.6 | | 1.5 | 0.46 | ug/Kg | 1 | | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 1.3 | J | 1.5 | 0.20 | ug/Kg | 1 | | 8260B | Total/NA |
| 2-Butanone | 29 | | 15 | 3.5 | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 94 | | 15 | 7.5 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 45 | | 0.77 | 0.20 | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 13 | | 0.77 | 0.16 | ug/Kg | 1 | | 8260B | Total/NA |
| Isopropylbenzene | 1.1 | | 0.77 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |
| Naphthalene | 8.2 | | 7.7 | 3.0 | ug/Kg | 1 | | 8260B | Total/NA |
| n-Butylbenzene | 0.48 | J | 0.77 | 0.16 | ug/Kg | 1 | | 8260B | Total/NA |
| N-Propylbenzene | 1.6 | | 1.5 | 0.20 | ug/Kg | 1 | | 8260B | Total/NA |
| o-Xylene | 7.1 | | 0.77 | 0.20 | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 16 | | 1.5 | 0.36 | ug/Kg | 1 | | 8260B | Total/NA |
| p-Isopropyltoluene | 0.30 | J | 0.77 | 0.22 | ug/Kg | 1 | | 8260B | Total/NA |
| sec-Butylbenzene | 0.22 | J | 0.77 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 52 | | 15 | 5.4 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.33 | J | 0.77 | 0.17 | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 55 | | 0.77 | 0.21 | ug/Kg | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-15-10
## Lab Sample ID: 570-130391-17

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 39 | | 20 | 9.6 | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 0.29 | J | 0.98 | 0.25 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 19 | J | 20 | 6.8 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 12 | | 0.98 | 0.22 | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 1.0 | J | 2.0 | 0.38 | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: HP-15-15
## Lab Sample ID: 570-130391-18

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 37 | | 17 | 8.6 | ug/Kg | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 27 | | 17 | 6.1 | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.63 | J | 0.87 | 0.19 | ug/Kg | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: EEC Environmental
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

Job ID: 570-130391-1

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-12-5**
**Date Collected: 03/07/23 08:38**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | 0.56 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | 0.62 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | 3.5 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 2,2-Dichloropropane | ND | | 5.2 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 2-Butanone | ND | | 21 | 4.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 2-Hexanone | ND | | 21 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| **Acetone** | **61** | | 21 | 10 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| **Benzene** | **0.70** | **J** | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Bromobenzene | ND | | 1.0 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Bromochloromethane | ND | | 2.1 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Bromoform | ND | | 5.2 | 1.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Bromomethane | ND | | 21 | 6.8 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Carbon disulfide | ND | | 10 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Chloroethane | ND | | 2.1 | 0.77 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Chloroform | ND | | 1.0 | 0.61 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Chloromethane | ND | | 21 | 1.6 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Dibromochloromethane | ND | | 2.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Dibromomethane | ND | | 1.0 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | 0.52 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Ethanol | ND | | 260 | 95 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-12-5**
**Date Collected: 03/07/23 08:38**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Methylene Chloride | ND | | 10 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Naphthalene | ND | | 10 | 4.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| N-Propylbenzene | ND | | 2.1 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| o-Xylene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| m,p-Xylene | ND | | 2.1 | 0.49 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Styrene | ND | | 1.0 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| **tert-Butyl alcohol (TBA)** | **39** | | 21 | 7.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| **Tetrachloroethene** | **0.55** | **J** | 1.0 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| **Toluene** | **0.41** | **J** | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Trichloroethene | ND | | 2.1 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Trichlorofluoromethane | ND | | 10 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Vinyl acetate | ND | | 10 | 4.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *32 - 179* | *03/08/23 19:47* | *03/08/23 21:13* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 21:13* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *58 - 147* | *03/08/23 19:47* | *03/08/23 21:13* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 21:13* | *1* |

**Client Sample ID: HP-12-10**
**Date Collected: 03/07/23 08:40**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.54 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.60 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | 3.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-12-10**
**Date Collected: 03/07/23 08:40**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 2-Butanone | ND | | 20 | 4.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 2-Hexanone | ND | | 20 | 3.1 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | 2.9 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| **Acetone** | **64** | | 20 | 9.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| **Benzene** | **0.43** | **J** | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Bromobenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Bromochloromethane | ND | | 2.0 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Bromoform | ND | | 5.0 | 1.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Bromomethane | ND | | 20 | 6.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Carbon disulfide | ND | | 10 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Chloroethane | ND | | 2.0 | 0.74 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Chloroform | ND | | 1.0 | 0.59 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Chloromethane | ND | | 20 | 1.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Dibromochloromethane | ND | | 2.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Dibromomethane | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | 0.50 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| **Ethanol** | **110** | **J** | 250 | 92 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Methylene Chloride | ND | | 10 | 3.1 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Naphthalene | ND | | 10 | 3.9 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| N-Propylbenzene | ND | | 2.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| o-Xylene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| m,p-Xylene | ND | | 2.0 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Styrene | ND | | 1.0 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-12-10**
**Date Collected: 03/07/23 08:40**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **65** | | 20 | 7.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| **Tetrachloroethene** | **3.0** | | 1.0 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Toluene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Trichloroethene | ND | | 2.0 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Trichlorofluoromethane | ND | | 10 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Vinyl acetate | ND | | 10 | 3.9 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 15:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 15:05* | *1* |
| *4-Bromofluorobenzene (Surr)* | *94* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 15:05* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 15:05* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 15:05* | *1* |

**Client Sample ID: HP-12-15**
**Date Collected: 03/07/23 08:45**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.5 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.5 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 3.0 | 0.83 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 15 | 0.70 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.5 | 0.71 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,1-Dichloroethane | ND | | 1.5 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,1-Dichloroethene | ND | | 1.5 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,1-Dichloropropene | ND | | 3.0 | 0.59 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 3.0 | 0.57 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,2,3-Trichloropropane | ND | | 3.0 | 0.64 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 3.0 | 0.63 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 3.0 | 0.91 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 15 | 5.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,2-Dibromoethane | ND | | 1.5 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.5 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,2-Dichloroethane | ND | | 1.5 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,2-Dichloropropane | ND | | 1.5 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 3.0 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.5 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,3-Dichloropropane | ND | | 1.5 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.5 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 2,2-Dichloropropane | ND | | 7.6 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 2-Butanone | ND | | 30 | 6.9 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 2-Chlorotoluene | ND | | 1.5 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 2-Hexanone | ND | | 30 | 4.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 4-Chlorotoluene | ND | | 1.5 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| 4-Methyl-2-pentanone | ND | | 30 | 4.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| **Acetone** | **110** | | 30 | 15 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Benzene | ND | | 1.5 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Bromobenzene | ND | | 1.5 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-12-15**
**Date Collected: 03/07/23 08:45**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 3.0 | 0.68 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Bromodichloromethane | ND | | 1.5 | 0.50 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Bromoform | ND | | 7.6 | 2.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Bromomethane | ND | | 30 | 10 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.5 | 0.51 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.5 | 0.53 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Carbon disulfide | ND | | 15 | 0.61 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Carbon tetrachloride | ND | | 1.5 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Chlorobenzene | ND | | 1.5 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Chloroethane | ND | | 3.0 | 1.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Chloroform | ND | | 1.5 | 0.90 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Chloromethane | ND | | 30 | 2.3 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Dibromochloromethane | ND | | 3.0 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Dibromomethane | ND | | 1.5 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Dichlorodifluoromethane | ND | | 3.0 | 0.69 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.5 | 0.76 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Ethanol | ND | | 380 | 140 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Ethylbenzene | ND | | 1.5 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.5 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Isopropylbenzene | ND | | 1.5 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Methylene Chloride | ND | | 15 | 4.8 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 3.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Naphthalene | ND | | 15 | 6.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| n-Butylbenzene | ND | | 1.5 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| N-Propylbenzene | ND | | 3.0 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| o-Xylene | ND | | 1.5 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| m,p-Xylene | ND | | 3.0 | 0.72 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| p-Isopropyltoluene | ND | | 1.5 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| sec-Butylbenzene | ND | | 1.5 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Styrene | ND | | 1.5 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.5 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| trans-1,3-Dichloropropene | ND | | 3.0 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.5 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| **tert-Butyl alcohol (TBA)** | **540** | | 30 | 11 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| tert-Butylbenzene | ND | | 1.5 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Tetrachloroethene | ND | | 1.5 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Toluene | ND | | 1.5 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Trichloroethene | ND | | 3.0 | 0.59 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Trichlorofluoromethane | ND | | 15 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Vinyl acetate | ND | | 15 | 6.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |
| Vinyl chloride | ND | | 1.5 | 0.58 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *32 - 179* | *03/08/23 19:47* | *03/08/23 21:34* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 21:34* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *58 - 147* | *03/08/23 19:47* | *03/08/23 21:34* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 21:34* | *1* |

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-11-5**
**Date Collected: 03/07/23 09:53**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.72 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.72 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.4 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.2 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.72 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,1-Dichloroethane | ND | | 0.72 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,1-Dichloroethene | ND | | 0.72 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,1-Dichloropropene | ND | | 1.4 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.4 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.4 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.4 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.4 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.2 | 2.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,2-Dibromoethane | ND | | 0.72 | 0.15 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.72 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,2-Dichloroethane | ND | | 0.72 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,2-Dichloropropane | ND | | 0.72 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.4 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.72 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,3-Dichloropropane | ND | | 0.72 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.72 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 2,2-Dichloropropane | ND | | 3.6 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| **2-Butanone** | **4.8** | **J** | 14 | 3.3 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 2-Chlorotoluene | ND | | 0.72 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 2-Hexanone | ND | | 14 | 2.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 4-Chlorotoluene | ND | | 0.72 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| 4-Methyl-2-pentanone | ND | | 14 | 2.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| **Acetone** | **77** | | 14 | 7.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| **Benzene** | **2.5** | | 0.72 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Bromobenzene | ND | | 0.72 | 0.15 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Bromochloromethane | ND | | 1.4 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Bromodichloromethane | ND | | 0.72 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Bromoform | ND | | 3.6 | 0.96 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Bromomethane | ND | | 14 | 4.8 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.72 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.72 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Carbon disulfide | ND | | 7.2 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Carbon tetrachloride | ND | | 0.72 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Chlorobenzene | ND | | 0.72 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Chloroethane | ND | | 1.4 | 0.54 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Chloroform | ND | | 0.72 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Chloromethane | ND | | 14 | 1.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Dibromochloromethane | ND | | 1.4 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Dibromomethane | ND | | 0.72 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Dichlorodifluoromethane | ND | | 1.4 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.72 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Ethanol | ND | | 180 | 67 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| **Ethylbenzene** | **0.33** | **J** | 0.72 | 0.15 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-11-5**
**Date Collected: 03/07/23 09:53**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 0.72 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Isopropylbenzene | ND | | 0.72 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Methylene Chloride | ND | | 7.2 | 2.3 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.4 | 0.14 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Naphthalene | ND | | 7.2 | 2.8 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| n-Butylbenzene | ND | | 0.72 | 0.15 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| N-Propylbenzene | ND | | 1.4 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| **o-Xylene** | **0.20** | **J** | 0.72 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| **m,p-Xylene** | **0.52** | **J** | 1.4 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| p-Isopropyltoluene | ND | | 0.72 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| sec-Butylbenzene | ND | | 0.72 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Styrene | ND | | 0.72 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.72 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.4 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.72 | 0.14 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| **tert-Butyl alcohol (TBA)** | **73** | | 14 | 5.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| tert-Butylbenzene | ND | | 0.72 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Tetrachloroethene | ND | | 0.72 | 0.16 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| **Toluene** | **1.5** | | 0.72 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Trichloroethene | ND | | 1.4 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Trichlorofluoromethane | ND | | 7.2 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Vinyl acetate | ND | | 7.2 | 2.8 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |
| Vinyl chloride | ND | | 0.72 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 21:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *32 - 179* | *03/08/23 19:47* | *03/08/23 21:55* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 21:55* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *58 - 147* | *03/08/23 19:47* | *03/08/23 21:55* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 21:55* | *1* |

**Client Sample ID: HP-11-10**
**Date Collected: 03/07/23 09:56**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.2 | 0.60 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | 0.51 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | 0.51 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,1-Dichloropropene | ND | | 2.2 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.2 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.2 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.2 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.2 | 0.66 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | 3.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-11-10**
**Date Collected: 03/07/23 09:56**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 1.1 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,2-Dichloropropane | ND | | 1.1 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.2 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 2,2-Dichloropropane | ND | | 5.5 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 2-Butanone | ND | | 22 | 5.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 2-Hexanone | ND | | 22 | 3.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| 4-Methyl-2-pentanone | ND | | 22 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| **Acetone** | **41** | | 22 | 11 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| **Benzene** | **0.65** | **J** | 1.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Bromobenzene | ND | | 1.1 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Bromochloromethane | ND | | 2.2 | 0.49 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Bromodichloromethane | ND | | 1.1 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Bromoform | ND | | 5.5 | 1.5 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Bromomethane | ND | | 22 | 7.3 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Carbon disulfide | ND | | 11 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Carbon tetrachloride | ND | | 1.1 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Chlorobenzene | ND | | 1.1 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Chloroethane | ND | | 2.2 | 0.82 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Chloroform | ND | | 1.1 | 0.65 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Chloromethane | ND | | 22 | 1.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Dibromochloromethane | ND | | 2.2 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Dibromomethane | ND | | 1.1 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Dichlorodifluoromethane | ND | | 2.2 | 0.50 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | 0.55 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Ethanol | ND | | 280 | 100 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Ethylbenzene | ND | | 1.1 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Isopropylbenzene | ND | | 1.1 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Methylene Chloride | ND | | 11 | 3.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.2 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Naphthalene | ND | | 11 | 4.3 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| n-Butylbenzene | ND | | 1.1 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| N-Propylbenzene | ND | | 2.2 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| o-Xylene | ND | | 1.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| m,p-Xylene | ND | | 2.2 | 0.52 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| sec-Butylbenzene | ND | | 1.1 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Styrene | ND | | 1.1 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.1 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.2 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-11-10**
**Date Collected: 03/07/23 09:56**
**Date Received: 03/07/23 17:10**
**Lab Sample ID: 570-130391-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **28** | | 22 | 7.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| tert-Butylbenzene | ND | | 1.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| **Tetrachloroethene** | **0.88** | **J** | 1.1 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Toluene | ND | | 1.1 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Trichloroethene | ND | | 2.2 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Trichlorofluoromethane | ND | | 11 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Vinyl acetate | ND | | 11 | 4.3 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |
| Vinyl chloride | ND | | 1.1 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *32 - 179* | *03/08/23 19:47* | *03/08/23 22:16* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 22:16* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *58 - 147* | *03/08/23 19:47* | *03/08/23 22:16* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 22:16* | *1* |

**Client Sample ID: HP-11-15**
**Date Collected: 03/07/23 10:01**
**Date Received: 03/07/23 17:10**
**Lab Sample ID: 570-130391-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | 0.56 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | 0.62 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | 3.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 2,2-Dichloropropane | ND | | 5.2 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 2-Butanone | ND | | 21 | 4.6 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 2-Hexanone | ND | | 21 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| **Acetone** | **55** | | 21 | 10 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Benzene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Bromobenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-11-15**
**Date Collected: 03/07/23 10:01**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 2.1 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Bromoform | ND | | 5.2 | 1.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Bromomethane | ND | | 21 | 6.8 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Carbon disulfide | ND | | 10 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Chloroethane | ND | | 2.1 | 0.77 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Chloroform | ND | | 1.0 | 0.61 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Chloromethane | ND | | 21 | 1.6 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Dibromochloromethane | ND | | 2.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Dibromomethane | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | 0.52 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| **Ethanol** | **280** | | 260 | 95 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Methylene Chloride | ND | | 10 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Naphthalene | ND | | 10 | 4.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| N-Propylbenzene | ND | | 2.1 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| o-Xylene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| m,p-Xylene | ND | | 2.1 | 0.49 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Styrene | ND | | 1.0 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| **tert-Butyl alcohol (TBA)** | **46** | | 21 | 7.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Toluene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Trichloroethene | ND | | 2.1 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Trichlorofluoromethane | ND | | 10 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Vinyl acetate | ND | | 10 | 4.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *32 - 179* | *03/08/23 19:47* | *03/08/23 22:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 22:37* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *58 - 147* | *03/08/23 19:47* | *03/08/23 22:37* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 22:37* | *1* |

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-10-5**
**Date Collected: 03/07/23 10:35**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.82 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.82 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.2 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.82 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,1-Dichloroethane | ND | | 0.82 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,1-Dichloroethene | ND | | 0.82 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | 0.49 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.2 | 2.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,2-Dibromoethane | ND | | 0.82 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.82 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,2-Dichloroethane | ND | | 0.82 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,2-Dichloropropane | ND | | 0.82 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.82 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,3-Dichloropropane | ND | | 0.82 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.82 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 2-Butanone | ND | | 16 | 3.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 2-Chlorotoluene | ND | | 0.82 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 2-Hexanone | ND | | 16 | 2.5 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 4-Chlorotoluene | ND | | 0.82 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | 2.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| **Acetone** | **25** | | 16 | 8.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| **Benzene** | **2.7** | | 0.82 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Bromobenzene | ND | | 0.82 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Bromochloromethane | ND | | 1.6 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Bromodichloromethane | ND | | 0.82 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Bromoform | ND | | 4.1 | 1.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Bromomethane | ND | | 16 | 5.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.82 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.82 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Carbon disulfide | ND | | 8.2 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Carbon tetrachloride | ND | | 0.82 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Chlorobenzene | ND | | 0.82 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Chloroethane | ND | | 1.6 | 0.61 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Chloroform | ND | | 0.82 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Chloromethane | ND | | 16 | 1.3 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Dibromochloromethane | ND | | 1.6 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Dibromomethane | ND | | 0.82 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.82 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Ethanol | ND | | 200 | 75 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| **Ethylbenzene** | **0.44** | **J** | 0.82 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-10-5**
**Date Collected: 03/07/23 10:35**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 0.82 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Isopropylbenzene | ND | | 0.82 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Methylene Chloride | ND | | 8.2 | 2.6 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | 0.15 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Naphthalene | ND | | 8.2 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| n-Butylbenzene | ND | | 0.82 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| N-Propylbenzene | ND | | 1.6 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| **o-Xylene** | **0.26** | **J** | 0.82 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| **m,p-Xylene** | **0.68** | **J** | 1.6 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| p-Isopropyltoluene | ND | | 0.82 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| sec-Butylbenzene | ND | | 0.82 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Styrene | ND | | 0.82 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.82 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.82 | 0.16 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| **tert-Butyl alcohol (TBA)** | **17** | | 16 | 5.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| tert-Butylbenzene | ND | | 0.82 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| **Tetrachloroethene** | **1.4** | | 0.82 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| **Toluene** | **2.3** | | 0.82 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Trichloroethene | ND | | 1.6 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Trichlorofluoromethane | ND | | 8.2 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Vinyl acetate | ND | | 8.2 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |
| Vinyl chloride | ND | | 0.82 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 22:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *32 - 179* | *03/08/23 19:47* | *03/08/23 22:58* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 22:58* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *58 - 147* | *03/08/23 19:47* | *03/08/23 22:58* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 22:58* | *1* |

**Client Sample ID: HP-10-10**
**Date Collected: 03/07/23 10:38**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.2 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.2 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.3 | 0.63 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 12 | 0.54 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.2 | 0.54 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,1-Dichloroethane | ND | | 1.2 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,1-Dichloroethene | ND | | 1.2 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,1-Dichloropropene | ND | | 2.3 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.3 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.3 | 0.49 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.3 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.3 | 0.69 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 12 | 3.9 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,2-Dibromoethane | ND | | 1.2 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.2 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-10-10**
**Date Collected: 03/07/23 10:38**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 1.2 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,2-Dichloropropane | ND | | 1.2 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.3 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.2 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,3-Dichloropropane | ND | | 1.2 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.2 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 2,2-Dichloropropane | ND | | 5.8 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 2-Butanone | ND | | 23 | 5.2 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 2-Chlorotoluene | ND | | 1.2 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 2-Hexanone | ND | | 23 | 3.6 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 4-Chlorotoluene | ND | | 1.2 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| 4-Methyl-2-pentanone | ND | | 23 | 3.4 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| **Acetone** | **61** | | 23 | 11 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| **Benzene** | **0.51** | **J** | 1.2 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Bromobenzene | ND | | 1.2 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Bromochloromethane | ND | | 2.3 | 0.51 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Bromodichloromethane | ND | | 1.2 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Bromoform | ND | | 5.8 | 1.5 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Bromomethane | ND | | 23 | 7.6 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.2 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.2 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Carbon disulfide | ND | | 12 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Carbon tetrachloride | ND | | 1.2 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Chlorobenzene | ND | | 1.2 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Chloroethane | ND | | 2.3 | 0.86 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Chloroform | ND | | 1.2 | 0.68 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Chloromethane | ND | | 23 | 1.8 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Dibromochloromethane | ND | | 2.3 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Dibromomethane | ND | | 1.2 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Dichlorodifluoromethane | ND | | 2.3 | 0.52 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.2 | 0.58 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| **Ethanol** | **250** | **J** | 290 | 110 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Ethylbenzene | ND | | 1.2 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.2 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Isopropylbenzene | ND | | 1.2 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Methylene Chloride | ND | | 12 | 3.6 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.3 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Naphthalene | ND | | 12 | 4.5 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| n-Butylbenzene | ND | | 1.2 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| N-Propylbenzene | ND | | 2.3 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| o-Xylene | ND | | 1.2 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| m,p-Xylene | ND | | 2.3 | 0.55 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| p-Isopropyltoluene | ND | | 1.2 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| sec-Butylbenzene | ND | | 1.2 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Styrene | ND | | 1.2 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.2 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.3 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.2 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-10-10**
**Date Collected: 03/07/23 10:38**
**Date Received: 03/07/23 17:10**
**Lab Sample ID: 570-130391-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **83** | | 23 | 8.1 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| tert-Butylbenzene | ND | | 1.2 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| **Tetrachloroethene** | **6.7** | | 1.2 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Toluene | ND | | 1.2 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| **Trichloroethene** | **0.48** | **J** | 2.3 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Trichlorofluoromethane | ND | | 12 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Vinyl acetate | ND | | 12 | 4.5 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |
| Vinyl chloride | ND | | 1.2 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *32 - 179* | *03/08/23 19:47* | *03/08/23 23:19* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 23:19* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *58 - 147* | *03/08/23 19:47* | *03/08/23 23:19* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 23:19* | *1* |

**Client Sample ID: HP-10-15**
**Date Collected: 03/07/23 10:41**
**Date Received: 03/07/23 17:10**
**Lab Sample ID: 570-130391-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.2 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.2 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.66 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 12 | 0.56 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.2 | 0.56 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,1-Dichloroethane | ND | | 1.2 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,1-Dichloroethene | ND | | 1.2 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,1-Dichloropropene | ND | | 2.4 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.4 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.4 | 0.51 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.50 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.4 | 0.73 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 12 | 4.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,2-Dibromoethane | ND | | 1.2 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.2 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,2-Dichloroethane | ND | | 1.2 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,2-Dichloropropane | ND | | 1.2 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.4 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.2 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,3-Dichloropropane | ND | | 1.2 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.2 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 2,2-Dichloropropane | ND | | 6.1 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 2-Butanone | ND | | 24 | 5.5 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 2-Chlorotoluene | ND | | 1.2 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 2-Hexanone | ND | | 24 | 3.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 4-Chlorotoluene | ND | | 1.2 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| 4-Methyl-2-pentanone | ND | | 24 | 3.5 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| **Acetone** | **53** | | 24 | 12 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Benzene | ND | | 1.2 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Bromobenzene | ND | | 1.2 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-10-15**
**Date Collected: 03/07/23 10:41**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 2.4 | 0.54 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Bromodichloromethane | ND | | 1.2 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Bromoform | ND | | 6.1 | 1.6 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Bromomethane | ND | | 24 | 8.0 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.2 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.2 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Carbon disulfide | ND | | 12 | 0.49 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Carbon tetrachloride | ND | | 1.2 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Chlorobenzene | ND | | 1.2 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Chloroethane | ND | | 2.4 | 0.90 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Chloroform | ND | | 1.2 | 0.71 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Chloromethane | ND | | 24 | 1.9 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Dibromomethane | ND | | 1.2 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.55 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.2 | 0.61 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| **Ethanol** | **290** | **J** | 300 | 110 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Ethylbenzene | ND | | 1.2 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.2 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Isopropylbenzene | ND | | 1.2 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Methylene Chloride | ND | | 12 | 3.8 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.4 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Naphthalene | ND | | 12 | 4.8 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| n-Butylbenzene | ND | | 1.2 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| N-Propylbenzene | ND | | 2.4 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| o-Xylene | ND | | 1.2 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| m,p-Xylene | ND | | 2.4 | 0.57 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| p-Isopropyltoluene | ND | | 1.2 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| sec-Butylbenzene | ND | | 1.2 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Styrene | ND | | 1.2 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.2 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.2 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| **tert-Butyl alcohol (TBA)** | **120** | | 24 | 8.5 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| tert-Butylbenzene | ND | | 1.2 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| **Tetrachloroethene** | **0.28** | **J** | 1.2 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Toluene | ND | | 1.2 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Trichloroethene | ND | | 2.4 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Trichlorofluoromethane | ND | | 12 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Vinyl acetate | ND | | 12 | 4.7 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |
| Vinyl chloride | ND | | 1.2 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/08/23 23:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *32 - 179* | *03/08/23 19:47* | *03/08/23 23:40* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 23:40* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *58 - 147* | *03/08/23 19:47* | *03/08/23 23:40* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/08/23 23:40* | *1* |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-9-5**
**Date Collected: 03/07/23 11:22**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.89 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.89 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.9 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.89 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,1-Dichloroethane | ND | | 0.89 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,1-Dichloroethene | ND | | 0.89 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | 0.53 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.9 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,2-Dibromoethane | ND | | 0.89 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.89 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,2-Dichloroethane | ND | | 0.89 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,2-Dichloropropane | ND | | 0.89 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.89 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,3-Dichloropropane | ND | | 0.89 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.89 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 2,2-Dichloropropane | ND | | 4.4 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 2-Butanone | ND | | 18 | 4.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 2-Chlorotoluene | ND | | 0.89 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 2-Hexanone | ND | | 18 | 2.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 4-Chlorotoluene | ND | | 0.89 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | 2.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| **Acetone** | **56** | | 18 | 8.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| **Benzene** | **4.4** | | 0.89 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Bromobenzene | ND | | 0.89 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Bromochloromethane | ND | | 1.8 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Bromodichloromethane | ND | | 0.89 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Bromoform | ND | | 4.4 | 1.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Bromomethane | ND | | 18 | 5.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.89 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.89 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Carbon disulfide | ND | | 8.9 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Carbon tetrachloride | ND | | 0.89 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Chlorobenzene | ND | | 0.89 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Chloroethane | ND | | 1.8 | 0.66 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Chloroform | ND | | 0.89 | 0.52 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Chloromethane | ND | | 18 | 1.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Dibromochloromethane | ND | | 1.8 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Dibromomethane | ND | | 0.89 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.89 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Ethanol | ND | | 220 | 82 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| **Ethylbenzene** | **0.60** | **J** | 0.89 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-9-5**
**Date Collected: 03/07/23 11:22**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 0.89 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Isopropylbenzene | ND | | 0.89 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Methylene Chloride | ND | | 8.9 | 2.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Naphthalene | ND | | 8.9 | 3.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| n-Butylbenzene | ND | | 0.89 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| N-Propylbenzene | ND | | 1.8 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| **o-Xylene** | **0.33** | **J** | 0.89 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| **m,p-Xylene** | **0.95** | **J** | 1.8 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| p-Isopropyltoluene | ND | | 0.89 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| sec-Butylbenzene | ND | | 0.89 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Styrene | ND | | 0.89 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.89 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.89 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| **tert-Butyl alcohol (TBA)** | **42** | | 18 | 6.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| tert-Butylbenzene | ND | | 0.89 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| **Tetrachloroethene** | **33** | | 0.89 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| **Toluene** | **3.3** | | 0.89 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| **Trichloroethene** | **0.92** | **J** | 1.8 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Trichlorofluoromethane | ND | | 8.9 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Vinyl acetate | ND | | 8.9 | 3.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |
| Vinyl chloride | ND | | 0.89 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *110* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 00:01* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 00:01* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 00:01* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 00:01* | *1* |

**Client Sample ID: HP-9-10**
**Date Collected: 03/07/23 11:26**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.55 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.61 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | 3.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-9-10**
**Date Collected: 03/07/23 11:26**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 2,2-Dichloropropane | ND | | 5.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 2-Butanone | ND | | 20 | 4.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 2-Hexanone | ND | | 20 | 3.1 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| **Acetone** | **50** | | 20 | 10 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Benzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Bromobenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Bromochloromethane | ND | | 2.0 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Bromoform | ND | | 5.1 | 1.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Bromomethane | ND | | 20 | 6.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Carbon disulfide | ND | | 10 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Chloroethane | ND | | 2.0 | 0.76 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Chloroform | ND | | 1.0 | 0.60 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Chloromethane | ND | | 20 | 1.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Dibromochloromethane | ND | | 2.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Dibromomethane | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | 0.51 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Ethanol | ND | | 250 | 94 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Methylene Chloride | ND | | 10 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Naphthalene | ND | | 10 | 4.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| N-Propylbenzene | ND | | 2.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| o-Xylene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| m,p-Xylene | ND | | 2.0 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Styrene | ND | | 1.0 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-9-10**
**Date Collected: 03/07/23 11:26**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **35** | | 20 | 7.1 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| **Tetrachloroethene** | **12** | | 1.0 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Toluene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| **Trichloroethene** | **0.41** | **J** | 2.0 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Trichlorofluoromethane | ND | | 10 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Vinyl acetate | ND | | 10 | 4.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 00:22* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 00:22* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 00:22* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 00:22* | *1* |

**Client Sample ID: HP-9-15**
**Date Collected: 03/07/23 11:29**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | 0.57 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.48 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | 0.63 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | 3.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 2,2-Dichloropropane | ND | | 5.2 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 2-Butanone | ND | | 21 | 4.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 2-Hexanone | ND | | 21 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| **Acetone** | **60** | | 21 | 10 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Benzene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Bromobenzene | ND | | 1.0 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-9-15**
**Date Collected: 03/07/23 11:29**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 2.1 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Bromoform | ND | | 5.2 | 1.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Bromomethane | ND | | 21 | 6.9 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Carbon disulfide | ND | | 10 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Chloroethane | ND | | 2.1 | 0.77 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Chloroform | ND | | 1.0 | 0.61 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Chloromethane | ND | | 21 | 1.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Dibromochloromethane | ND | | 2.1 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Dibromomethane | ND | | 1.0 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | 0.52 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Ethanol | ND | | 260 | 96 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Methylene Chloride | ND | | 10 | 3.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Naphthalene | ND | | 10 | 4.1 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| N-Propylbenzene | ND | | 2.1 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| o-Xylene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| m,p-Xylene | ND | | 2.1 | 0.49 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Styrene | ND | | 1.0 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| **tert-Butyl alcohol (TBA)** | **37** | | 21 | 7.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| **Tetrachloroethene** | **5.9** | | 1.0 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Toluene | ND | | 1.0 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| **Trichloroethene** | **0.42** | **J** | 2.1 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Trichlorofluoromethane | ND | | 10 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Vinyl acetate | ND | | 10 | 4.1 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 00:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 00:43* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 00:43* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 00:43* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 00:43* | *1* |

Client: EEC Environmental
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

Job ID: 570-130391-1

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-13-5**
**Date Collected: 03/07/23 13:47**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.91 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.91 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | 0.50 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.1 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.91 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,1-Dichloroethane | ND | | 0.91 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,1-Dichloroethene | ND | | 0.91 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | 0.55 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.1 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,2-Dibromoethane | ND | | 0.91 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.91 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,2-Dichloroethane | ND | | 0.91 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,2-Dichloropropane | ND | | 0.91 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.91 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,3-Dichloropropane | ND | | 0.91 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.91 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 2,2-Dichloropropane | ND | | 4.6 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 2-Butanone | ND | | 18 | 4.1 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 2-Chlorotoluene | ND | | 0.91 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 2-Hexanone | ND | | 18 | 2.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 4-Chlorotoluene | ND | | 0.91 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | 2.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| **Acetone** | **43** | | 18 | 9.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| **Benzene** | **0.37** | **J** | 0.91 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Bromobenzene | ND | | 0.91 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Bromochloromethane | ND | | 1.8 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Bromodichloromethane | ND | | 0.91 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Bromoform | ND | | 4.6 | 1.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Bromomethane | ND | | 18 | 6.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.91 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.91 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Carbon disulfide | ND | | 9.1 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Carbon tetrachloride | ND | | 0.91 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Chlorobenzene | ND | | 0.91 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Chloroethane | ND | | 1.8 | 0.68 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Chloroform | ND | | 0.91 | 0.54 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Chloromethane | ND | | 18 | 1.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Dibromochloromethane | ND | | 1.8 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Dibromomethane | ND | | 0.91 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.91 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Ethanol | ND | | 230 | 84 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Ethylbenzene | ND | | 0.91 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-13-5**
**Date Collected: 03/07/23 13:47**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 0.91 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Isopropylbenzene | ND | | 0.91 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Methylene Chloride | ND | | 9.1 | 2.9 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| **Methyl-t-Butyl Ether (MTBE)** | **1.4** | **J** | 1.8 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Naphthalene | ND | | 9.1 | 3.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| n-Butylbenzene | ND | | 0.91 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| N-Propylbenzene | ND | | 1.8 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| o-Xylene | ND | | 0.91 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| **m,p-Xylene** | **0.46** | **J** | 1.8 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| p-Isopropyltoluene | ND | | 0.91 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| sec-Butylbenzene | ND | | 0.91 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Styrene | ND | | 0.91 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.91 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.91 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| **tert-Butyl alcohol (TBA)** | **35** | | 18 | 6.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| tert-Butylbenzene | ND | | 0.91 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Tetrachloroethene | ND | | 0.91 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| **Toluene** | **0.26** | **J** | 0.91 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Trichloroethene | ND | | 1.8 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Trichlorofluoromethane | ND | | 9.1 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Vinyl acetate | ND | | 9.1 | 3.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |
| Vinyl chloride | ND | | 0.91 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 01:04* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 01:04* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 01:04* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 01:04* | *1* |

**Client Sample ID: HP-13-10**
**Date Collected: 03/07/23 13:50**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.97 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.97 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | 0.53 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.7 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.97 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| **1,1-Dichloroethane** | **0.30** | **J** | 0.97 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,1-Dichloroethene | ND | | 0.97 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | 0.58 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.7 | 3.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,2-Dibromoethane | ND | | 0.97 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.97 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-13-10**
**Date Collected: 03/07/23 13:50**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 0.97 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,2-Dichloropropane | ND | | 0.97 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.97 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,3-Dichloropropane | ND | | 0.97 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.97 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 2-Butanone | ND | | 19 | 4.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 2-Chlorotoluene | ND | | 0.97 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 2-Hexanone | ND | | 19 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 4-Chlorotoluene | ND | | 0.97 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | 2.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| **Acetone** | **65** | | 19 | 9.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Benzene | ND | | 0.97 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Bromobenzene | ND | | 0.97 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Bromochloromethane | ND | | 1.9 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Bromodichloromethane | ND | | 0.97 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Bromoform | ND | | 4.9 | 1.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Bromomethane | ND | | 19 | 6.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| **cis-1,2-Dichloroethene** | **0.74** | **J** | 0.97 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.97 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| **Carbon disulfide** | **0.44** | **J** | 9.7 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Carbon tetrachloride | ND | | 0.97 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Chlorobenzene | ND | | 0.97 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Chloroethane | ND | | 1.9 | 0.72 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Chloroform | ND | | 0.97 | 0.57 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Chloromethane | ND | | 19 | 1.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Dibromochloromethane | ND | | 1.9 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Dibromomethane | ND | | 0.97 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.97 | 0.49 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Ethanol | ND | | 240 | 90 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Ethylbenzene | ND | | 0.97 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.97 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Isopropylbenzene | ND | | 0.97 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Methylene Chloride | ND | | 9.7 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| **Methyl-t-Butyl Ether (MTBE)** | **0.40** | **J** | 1.9 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Naphthalene | ND | | 9.7 | 3.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| n-Butylbenzene | ND | | 0.97 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| N-Propylbenzene | ND | | 1.9 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| o-Xylene | ND | | 0.97 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| m,p-Xylene | ND | | 1.9 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| p-Isopropyltoluene | ND | | 0.97 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| sec-Butylbenzene | ND | | 0.97 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Styrene | ND | | 0.97 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.97 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.97 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-13-10**
**Date Collected: 03/07/23 13:50**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **42** | | 19 | 6.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| tert-Butylbenzene | ND | | 0.97 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Tetrachloroethene | ND | | 0.97 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Toluene | ND | | 0.97 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Trichloroethene | ND | | 1.9 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Trichlorofluoromethane | ND | | 9.7 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Vinyl acetate | ND | | 9.7 | 3.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |
| Vinyl chloride | ND | | 0.97 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 01:25* | *1* |
| *4-Bromofluorobenzene (Surr)* | *92* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 01:25* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 01:25* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 01:25* | *1* |

**Client Sample ID: HP-13-15**
**Date Collected: 03/07/23 13:57**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.94 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.94 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | 0.51 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.4 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.94 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,1-Dichloroethane | ND | | 0.94 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,1-Dichloroethene | ND | | 0.94 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | 0.57 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.4 | 3.1 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,2-Dibromoethane | ND | | 0.94 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.94 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,2-Dichloroethane | ND | | 0.94 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,2-Dichloropropane | ND | | 0.94 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.94 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,3-Dichloropropane | ND | | 0.94 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.94 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 2-Butanone | ND | | 19 | 4.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 2-Chlorotoluene | ND | | 0.94 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 2-Hexanone | ND | | 19 | 2.9 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 4-Chlorotoluene | ND | | 0.94 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | 2.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| **Acetone** | **49** | | 19 | 9.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Benzene | ND | | 0.94 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Bromobenzene | ND | | 0.94 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-13-15**
**Date Collected: 03/07/23 13:57**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 1.9 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Bromodichloromethane | ND | | 0.94 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Bromoform | ND | | 4.7 | 1.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Bromomethane | ND | | 19 | 6.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.94 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.94 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| **Carbon disulfide** | **0.48** | **J** | 9.4 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Carbon tetrachloride | ND | | 0.94 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Chlorobenzene | ND | | 0.94 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Chloroethane | ND | | 1.9 | 0.70 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Chloroform | ND | | 0.94 | 0.56 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Chloromethane | ND | | 19 | 1.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Dibromochloromethane | ND | | 1.9 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Dibromomethane | ND | | 0.94 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.94 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Ethanol | ND | | 240 | 87 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Ethylbenzene | ND | | 0.94 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.94 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Isopropylbenzene | ND | | 0.94 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Methylene Chloride | ND | | 9.4 | 2.9 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Naphthalene | ND | | 9.4 | 3.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| n-Butylbenzene | ND | | 0.94 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| N-Propylbenzene | ND | | 1.9 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| o-Xylene | ND | | 0.94 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| m,p-Xylene | ND | | 1.9 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| p-Isopropyltoluene | ND | | 0.94 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| sec-Butylbenzene | ND | | 0.94 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Styrene | ND | | 0.94 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.94 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.94 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| **tert-Butyl alcohol (TBA)** | **28** | | 19 | 6.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| tert-Butylbenzene | ND | | 0.94 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Tetrachloroethene | ND | | 0.94 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Toluene | ND | | 0.94 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Trichloroethene | ND | | 1.9 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Trichlorofluoromethane | ND | | 9.4 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Vinyl acetate | ND | | 9.4 | 3.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |
| Vinyl chloride | ND | | 0.94 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 01:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 01:46* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 01:46* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 01:46* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 01:46* | *1* |

Client: EEC Environmental
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

Job ID: 570-130391-1

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-15-5**
**Date Collected: 03/07/23 14:38**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.77 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.77 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | 0.42 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.7 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.77 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,1-Dichloroethane | ND | | 0.77 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,1-Dichloroethene | ND | | 0.77 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **1,2,4-Trimethylbenzene** | **3.6** | | 1.5 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.7 | 2.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,2-Dibromoethane | ND | | 0.77 | 0.16 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.77 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,2-Dichloroethane | ND | | 0.77 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,2-Dichloropropane | ND | | 0.77 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **1,3,5-Trimethylbenzene** | **1.3** | **J** | 1.5 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.77 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,3-Dichloropropane | ND | | 0.77 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.77 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 2,2-Dichloropropane | ND | | 3.8 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **2-Butanone** | **29** | | 15 | 3.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 2-Chlorotoluene | ND | | 0.77 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 2-Hexanone | ND | | 15 | 2.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 4-Chlorotoluene | ND | | 0.77 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | 2.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **Acetone** | **94** | | 15 | 7.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **Benzene** | **45** | | 0.77 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Bromobenzene | ND | | 0.77 | 0.16 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Bromochloromethane | ND | | 1.5 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Bromodichloromethane | ND | | 0.77 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Bromoform | ND | | 3.8 | 1.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Bromomethane | ND | | 15 | 5.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.77 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.77 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Carbon disulfide | ND | | 7.7 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Carbon tetrachloride | ND | | 0.77 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Chlorobenzene | ND | | 0.77 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Chloroethane | ND | | 1.5 | 0.57 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Chloroform | ND | | 0.77 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Chloromethane | ND | | 15 | 1.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Dibromochloromethane | ND | | 1.5 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Dibromomethane | ND | | 0.77 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.77 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Ethanol | ND | | 190 | 71 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **Ethylbenzene** | **13** | | 0.77 | 0.16 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-15-5**
**Date Collected: 03/07/23 14:38**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 0.77 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **Isopropylbenzene** | **1.1** | | 0.77 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Methylene Chloride | ND | | 7.7 | 2.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | 0.14 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **Naphthalene** | **8.2** | | 7.7 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **n-Butylbenzene** | **0.48** | **J** | 0.77 | 0.16 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **N-Propylbenzene** | **1.6** | | 1.5 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **o-Xylene** | **7.1** | | 0.77 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **m,p-Xylene** | **16** | | 1.5 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **p-Isopropyltoluene** | **0.30** | **J** | 0.77 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **sec-Butylbenzene** | **0.22** | **J** | 0.77 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Styrene | ND | | 0.77 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.77 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.77 | 0.15 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **tert-Butyl alcohol (TBA)** | **52** | | 15 | 5.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| tert-Butylbenzene | ND | | 0.77 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **Tetrachloroethene** | **0.33** | **J** | 0.77 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| **Toluene** | **55** | | 0.77 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Trichloroethene | ND | | 1.5 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Trichlorofluoromethane | ND | | 7.7 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Vinyl acetate | ND | | 7.7 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |
| Vinyl chloride | ND | | 0.77 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *110* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 02:07* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 02:07* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 02:07* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 02:07* | *1* |

**Client Sample ID: HP-15-10**
**Date Collected: 03/07/23 14:43**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.98 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.98 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.53 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.8 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.98 | 0.45 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,1-Dichloroethane | ND | | 0.98 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,1-Dichloroethene | ND | | 0.98 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.59 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.8 | 3.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,2-Dibromoethane | ND | | 0.98 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.98 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-15-10**
**Date Collected: 03/07/23 14:43**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 0.98 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,2-Dichloropropane | ND | | 0.98 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.98 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,3-Dichloropropane | ND | | 0.98 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.98 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 2-Butanone | ND | | 20 | 4.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 2-Chlorotoluene | ND | | 0.98 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 2-Hexanone | ND | | 20 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 4-Chlorotoluene | ND | | 0.98 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | 2.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| **Acetone** | **39** | | 20 | 9.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| **Benzene** | **0.29** | **J** | 0.98 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Bromobenzene | ND | | 0.98 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Bromochloromethane | ND | | 2.0 | 0.43 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Bromodichloromethane | ND | | 0.98 | 0.32 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Bromoform | ND | | 4.9 | 1.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Bromomethane | ND | | 20 | 6.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.98 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.98 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Carbon disulfide | ND | | 9.8 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Carbon tetrachloride | ND | | 0.98 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Chlorobenzene | ND | | 0.98 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Chloroethane | ND | | 2.0 | 0.72 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Chloroform | ND | | 0.98 | 0.57 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Chloromethane | ND | | 20 | 1.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Dibromochloromethane | ND | | 2.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Dibromomethane | ND | | 0.98 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.98 | 0.49 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Ethanol | ND | | 240 | 90 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Ethylbenzene | ND | | 0.98 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.98 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Isopropylbenzene | ND | | 0.98 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Methylene Chloride | ND | | 9.8 | 3.0 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Naphthalene | ND | | 9.8 | 3.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| n-Butylbenzene | ND | | 0.98 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| N-Propylbenzene | ND | | 2.0 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| o-Xylene | ND | | 0.98 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| m,p-Xylene | ND | | 2.0 | 0.46 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| p-Isopropyltoluene | ND | | 0.98 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| sec-Butylbenzene | ND | | 0.98 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Styrene | ND | | 0.98 | 0.31 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.98 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.98 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-15-10**
**Date Collected: 03/07/23 14:43**
**Date Received: 03/07/23 17:10**
**Lab Sample ID: 570-130391-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **tert-Butyl alcohol (TBA)** | **19** | **J** | 20 | 6.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| tert-Butylbenzene | ND | | 0.98 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| **Tetrachloroethene** | **12** | | 0.98 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Toluene | ND | | 0.98 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| **Trichloroethene** | **1.0** | **J** | 2.0 | 0.38 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Trichlorofluoromethane | ND | | 9.8 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Vinyl acetate | ND | | 9.8 | 3.8 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |
| Vinyl chloride | ND | | 0.98 | 0.37 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 02:28* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 02:28* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 02:28* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 02:28* | *1* |

**Client Sample ID: HP-15-15**
**Date Collected: 03/07/23 14:47**
**Date Received: 03/07/23 17:10**
**Lab Sample ID: 570-130391-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.87 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.87 | 0.20 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | 0.47 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.7 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.87 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,1-Dichloroethane | ND | | 0.87 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,1-Dichloroethene | ND | | 0.87 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | 0.36 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | 0.52 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.7 | 2.9 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,2-Dibromoethane | ND | | 0.87 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.87 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,2-Dichloroethane | ND | | 0.87 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,2-Dichloropropane | ND | | 0.87 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.87 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,3-Dichloropropane | ND | | 0.87 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.87 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 2,2-Dichloropropane | ND | | 4.4 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 2-Butanone | ND | | 17 | 3.9 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 2-Chlorotoluene | ND | | 0.87 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 2-Hexanone | ND | | 17 | 2.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 4-Chlorotoluene | ND | | 0.87 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | 2.5 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| **Acetone** | **37** | | 17 | 8.6 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Benzene | ND | | 0.87 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Bromobenzene | ND | | 0.87 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-15-15**
**Date Collected: 03/07/23 14:47**
**Date Received: 03/07/23 17:10**

**Lab Sample ID: 570-130391-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 1.7 | 0.39 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Bromodichloromethane | ND | | 0.87 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Bromoform | ND | | 4.4 | 1.2 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Bromomethane | ND | | 17 | 5.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.87 | 0.29 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.87 | 0.30 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Carbon disulfide | ND | | 8.7 | 0.35 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Carbon tetrachloride | ND | | 0.87 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Chlorobenzene | ND | | 0.87 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Chloroethane | ND | | 1.7 | 0.65 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Chloroform | ND | | 0.87 | 0.51 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Chloromethane | ND | | 17 | 1.3 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Dibromochloromethane | ND | | 1.7 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Dibromomethane | ND | | 0.87 | 0.27 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | 0.40 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.87 | 0.44 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Ethanol | ND | | 220 | 80 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Ethylbenzene | ND | | 0.87 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.87 | 0.21 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Isopropylbenzene | ND | | 0.87 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Methylene Chloride | ND | | 8.7 | 2.7 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | 0.16 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Naphthalene | ND | | 8.7 | 3.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| n-Butylbenzene | ND | | 0.87 | 0.18 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| N-Propylbenzene | ND | | 1.7 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| o-Xylene | ND | | 0.87 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| m,p-Xylene | ND | | 1.7 | 0.41 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| p-Isopropyltoluene | ND | | 0.87 | 0.25 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| sec-Butylbenzene | ND | | 0.87 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Styrene | ND | | 0.87 | 0.28 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.87 | 0.26 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.87 | 0.17 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| **tert-Butyl alcohol (TBA)** | **27** | | 17 | 6.1 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| tert-Butylbenzene | ND | | 0.87 | 0.22 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| **Tetrachloroethene** | **0.63** | **J** | 0.87 | 0.19 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Toluene | ND | | 0.87 | 0.23 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Trichloroethene | ND | | 1.7 | 0.34 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Trichlorofluoromethane | ND | | 8.7 | 0.24 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Vinyl acetate | ND | | 8.7 | 3.4 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |
| Vinyl chloride | ND | | 0.87 | 0.33 | ug/Kg | | 03/08/23 19:47 | 03/09/23 02:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *32 - 179* | *03/08/23 19:47* | *03/09/23 02:49* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 02:49* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *58 - 147* | *03/08/23 19:47* | *03/09/23 02:49* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *03/08/23 19:47* | *03/09/23 02:49* | *1* |

# Surrogate Summary

Client: EEC Environmental
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

Job ID: 570-130391-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (32-179) | (80-120) | (58-147) | (80-120) |
| 570-130391-1 | HP-12-5 | 112 | 98 | 105 | 99 |
| 570-130391-2 | HP-12-10 | 115 | 94 | 106 | 100 |
| 570-130391-3 | HP-12-15 | 108 | 96 | 101 | 97 |
| 570-130391-4 | HP-11-5 | 111 | 99 | 100 | 98 |
| 570-130391-5 | HP-11-10 | 117 | 98 | 106 | 99 |
| 570-130391-6 | HP-11-15 | 114 | 100 | 109 | 99 |
| 570-130391-7 | HP-10-5 | 112 | 100 | 104 | 99 |
| 570-130391-8 | HP-10-10 | 114 | 98 | 104 | 99 |
| 570-130391-9 | HP-10-15 | 113 | 98 | 106 | 99 |
| 570-130391-10 | HP-9-5 | 110 | 96 | 100 | 100 |
| 570-130391-11 | HP-9-10 | 112 | 98 | 107 | 99 |
| 570-130391-12 | HP-9-15 | 117 | 100 | 109 | 99 |
| 570-130391-13 | HP-13-5 | 115 | 97 | 102 | 99 |
| 570-130391-14 | HP-13-10 | 115 | 92 | 107 | 100 |
| 570-130391-15 | HP-13-15 | 116 | 101 | 106 | 100 |
| 570-130391-16 | HP-15-5 | 110 | 97 | 103 | 100 |
| 570-130391-17 | HP-15-10 | 115 | 100 | 108 | 99 |
| 570-130391-18 | HP-15-15 | 111 | 97 | 104 | 100 |
| LCS 570-310059/3 | Lab Control Sample | 100 | 98 | 103 | 101 |
| LCS 570-310189/4 | Lab Control Sample | 100 | 99 | 101 | 101 |
| LCSD 570-310059/4 | Lab Control Sample Dup | 98 | 100 | 100 | 100 |
| LCSD 570-310189/5 | Lab Control Sample Dup | 101 | 98 | 100 | 101 |
| MB 570-310059/6 | Method Blank | 100 | 97 | 100 | 101 |
| MB 570-310189/7 | Method Blank | 98 | 95 | 99 | 98 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-310059/6**
**Matrix: Solid**
**Analysis Batch: 310059**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.29 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.23 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.54 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | 0.46 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.46 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | 0.39 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | 0.38 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | 0.42 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.41 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.60 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | 3.3 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.21 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.28 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.27 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | 0.30 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.31 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | 0.27 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 2-Butanone | ND | | 20 | 4.5 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 2-Hexanone | ND | | 20 | 3.1 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | 0.24 | ug/Kg | | | 03/08/23 19:46 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | 2.9 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Acetone | ND | | 20 | 9.8 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Benzene | ND | | 1.0 | 0.26 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Bromobenzene | ND | | 1.0 | 0.21 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Bromochloromethane | ND | | 2.0 | 0.44 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.33 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Bromoform | ND | | 5.0 | 1.3 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Bromomethane | ND | | 20 | 6.6 | ug/Kg | | | 03/08/23 19:46 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.34 | ug/Kg | | | 03/08/23 19:46 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.35 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Carbon disulfide | ND | | 10 | 0.40 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.30 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Chloroethane | ND | | 2.0 | 0.74 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Chloroform | ND | | 1.0 | 0.59 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Chloromethane | ND | | 20 | 1.5 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Dibromochloromethane | ND | | 2.0 | 0.27 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Dibromomethane | ND | | 1.0 | 0.31 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | 0.45 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | 0.50 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Ethanol | ND | | 250 | 92 | ug/Kg | | | 03/08/23 19:46 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-310059/6**
**Matrix: Solid**
**Analysis Batch: 310059**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | 0.24 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Methylene Chloride | ND | | 10 | 3.1 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | 0.19 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Naphthalene | ND | | 10 | 3.9 | ug/Kg | | | 03/08/23 19:46 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | | 03/08/23 19:46 | 1 |
| N-Propylbenzene | ND | | 2.0 | 0.26 | ug/Kg | | | 03/08/23 19:46 | 1 |
| o-Xylene | ND | | 1.0 | 0.26 | ug/Kg | | | 03/08/23 19:46 | 1 |
| m,p-Xylene | ND | | 2.0 | 0.47 | ug/Kg | | | 03/08/23 19:46 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | 0.28 | ug/Kg | | | 03/08/23 19:46 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Styrene | ND | | 1.0 | 0.32 | ug/Kg | | | 03/08/23 19:46 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.30 | ug/Kg | | | 03/08/23 19:46 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | 0.28 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | 0.19 | ug/Kg | | | 03/08/23 19:46 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | 7.0 | ug/Kg | | | 03/08/23 19:46 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.22 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Toluene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Trichloroethene | ND | | 2.0 | 0.39 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Trichlorofluoromethane | ND | | 10 | 0.27 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Vinyl acetate | ND | | 10 | 3.9 | ug/Kg | | | 03/08/23 19:46 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.38 | ug/Kg | | | 03/08/23 19:46 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *32 - 179* | | *03/08/23 19:46* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* | | *03/08/23 19:46* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *58 - 147* | | *03/08/23 19:46* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *03/08/23 19:46* | *1* |

**Lab Sample ID: LCS 570-310059/3**
**Matrix: Solid**
**Analysis Batch: 310059**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 48.57 | | ug/Kg | | 97 | 74 - 132 |
| 1,2-Dibromoethane | 50.0 | 51.29 | | ug/Kg | | 103 | 80 - 120 |
| 1,2-Dichlorobenzene | 50.0 | 50.04 | | ug/Kg | | 100 | 80 - 120 |
| 1,2-Dichloroethane | 50.0 | 49.10 | | ug/Kg | | 98 | 77 - 120 |
| Benzene | 50.0 | 49.52 | | ug/Kg | | 99 | 80 - 120 |
| Carbon tetrachloride | 50.0 | 46.36 | | ug/Kg | | 93 | 75 - 140 |
| Chlorobenzene | 50.0 | 51.10 | | ug/Kg | | 102 | 80 - 120 |
| Di-isopropyl ether (DIPE) | 50.0 | 51.36 | | ug/Kg | | 103 | 73 - 132 |
| Ethanol | 500 | 658.6 | | ug/Kg | | 132 | 46 - 159 |
| Ethylbenzene | 50.0 | 52.04 | | ug/Kg | | 104 | 80 - 120 |
| Ethyl-t-butyl ether (ETBE) | 50.0 | 51.09 | | ug/Kg | | 102 | 77 - 129 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-310059/3**
**Matrix: Solid**
**Analysis Batch: 310059**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 51.03 | | ug/Kg | | 102 | 79 - 123 | | |
| o-Xylene | | | 50.0 | 51.01 | | ug/Kg | | 102 | 80 - 120 | | |
| m,p-Xylene | | | 100 | 107.3 | | ug/Kg | | 107 | 80 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *32 - 179* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *103* | | *58 - 147* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 570-310059/4**
**Matrix: Solid**
**Analysis Batch: 310059**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.04 | | ug/Kg | | 94 | 74 - 132 | 3 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 51.24 | | ug/Kg | | 102 | 80 - 120 | 0 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 49.83 | | ug/Kg | | 100 | 80 - 120 | 0 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 46.34 | | ug/Kg | | 93 | 77 - 120 | 6 | 20 |
| Benzene | | | 50.0 | 48.07 | | ug/Kg | | 96 | 80 - 120 | 3 | 20 |
| Carbon tetrachloride | | | 50.0 | 45.17 | | ug/Kg | | 90 | 75 - 140 | 3 | 20 |
| Chlorobenzene | | | 50.0 | 49.98 | | ug/Kg | | 100 | 80 - 120 | 2 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 48.90 | | ug/Kg | | 98 | 73 - 132 | 5 | 20 |
| Ethanol | | | 500 | 702.0 | | ug/Kg | | 140 | 46 - 159 | 6 | 30 |
| Ethylbenzene | | | 50.0 | 51.23 | | ug/Kg | | 102 | 80 - 120 | 2 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 49.38 | | ug/Kg | | 99 | 77 - 129 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 49.19 | | ug/Kg | | 98 | 79 - 123 | 4 | 20 |
| o-Xylene | | | 50.0 | 49.86 | | ug/Kg | | 100 | 80 - 120 | 2 | 20 |
| m,p-Xylene | | | 100 | 106.1 | | ug/Kg | | 106 | 80 - 120 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *32 - 179* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *100* | | *58 - 147* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

**Lab Sample ID: MB 570-310189/7**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | 0.29 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.23 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.54 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | 0.46 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.46 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-310189/7**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | 0.39 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | 0.38 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | 0.42 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.41 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | 0.60 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | 3.3 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.21 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | 0.30 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.31 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 2-Butanone | ND | | 20 | 4.5 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 2-Hexanone | ND | | 20 | 3.1 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | 0.24 | ug/Kg | | | 03/09/23 10:32 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | 2.9 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Acetone | ND | | 20 | 9.8 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Benzene | ND | | 1.0 | 0.26 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromobenzene | ND | | 1.0 | 0.21 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromochloromethane | ND | | 2.0 | 0.44 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.33 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromoform | ND | | 5.0 | 1.3 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Bromomethane | ND | | 20 | 6.6 | ug/Kg | | | 03/09/23 10:32 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.34 | ug/Kg | | | 03/09/23 10:32 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.35 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Carbon disulfide | ND | | 10 | 0.40 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.30 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Chloroethane | ND | | 2.0 | 0.74 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Chloroform | ND | | 1.0 | 0.59 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Chloromethane | ND | | 20 | 1.5 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Dibromochloromethane | ND | | 2.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Dibromomethane | ND | | 1.0 | 0.31 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | 0.45 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | 0.50 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Ethanol | ND | | 250 | 92 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | 0.24 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Methylene Chloride | ND | | 10 | 3.1 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | 0.19 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Naphthalene | ND | | 10 | 3.9 | ug/Kg | | | 03/09/23 10:32 | 1 |
| n-Butylbenzene | ND | | 1.0 | 0.21 | ug/Kg | | | 03/09/23 10:32 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-310189/7**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| N-Propylbenzene | ND | | 2.0 | 0.26 | ug/Kg | | | 03/09/23 10:32 | 1 |
| o-Xylene | ND | | 1.0 | 0.26 | ug/Kg | | | 03/09/23 10:32 | 1 |
| m,p-Xylene | ND | | 2.0 | 0.47 | ug/Kg | | | 03/09/23 10:32 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| sec-Butylbenzene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Styrene | ND | | 1.0 | 0.32 | ug/Kg | | | 03/09/23 10:32 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.30 | ug/Kg | | | 03/09/23 10:32 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | 0.28 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | 0.19 | ug/Kg | | | 03/09/23 10:32 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | 7.0 | ug/Kg | | | 03/09/23 10:32 | 1 |
| tert-Butylbenzene | ND | | 1.0 | 0.25 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.22 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Toluene | ND | | 1.0 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Trichloroethene | ND | | 2.0 | 0.39 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Trichlorofluoromethane | ND | | 10 | 0.27 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Vinyl acetate | ND | | 10 | 3.9 | ug/Kg | | | 03/09/23 10:32 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.38 | ug/Kg | | | 03/09/23 10:32 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *32 - 179* | | *03/09/23 10:32* | *1* |
| *4-Bromofluorobenzene (Surr)* | *95* | | *80 - 120* | | *03/09/23 10:32* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *58 - 147* | | *03/09/23 10:32* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | | *03/09/23 10:32* | *1* |

**Lab Sample ID: LCS 570-310189/4**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 46.52 | | ug/Kg | | 93 | 74 - 132 | | |
| 1,2-Dibromoethane | | | 50.0 | 49.98 | | ug/Kg | | 100 | 80 - 120 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 48.74 | | ug/Kg | | 97 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 47.48 | | ug/Kg | | 95 | 77 - 120 | | |
| Benzene | | | 50.0 | 47.69 | | ug/Kg | | 95 | 80 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 43.38 | | ug/Kg | | 87 | 75 - 140 | | |
| Chlorobenzene | | | 50.0 | 48.16 | | ug/Kg | | 96 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 48.90 | | ug/Kg | | 98 | 73 - 132 | | |
| Ethanol | | | 500 | 746.4 | | ug/Kg | | 149 | 46 - 159 | | |
| Ethylbenzene | | | 50.0 | 49.50 | | ug/Kg | | 99 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 49.22 | | ug/Kg | | 98 | 77 - 129 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 49.12 | | ug/Kg | | 98 | 79 - 123 | | |
| o-Xylene | | | 50.0 | 48.61 | | ug/Kg | | 97 | 80 - 120 | | |
| m,p-Xylene | | | 100 | 102.9 | | ug/Kg | | 103 | 80 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *32 - 179* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-310189/4**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Dibromofluoromethane (Surr)* | *101* | | *58 - 147* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 570-310189/5**
**Matrix: Solid**
**Analysis Batch: 310189**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.78 | | ug/Kg | | 96 | 74 - 132 | 3 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 52.32 | | ug/Kg | | 105 | 80 - 120 | 5 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 51.64 | | ug/Kg | | 103 | 80 - 120 | 6 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 49.63 | | ug/Kg | | 99 | 77 - 120 | 4 | 20 |
| Benzene | | | 50.0 | 49.80 | | ug/Kg | | 100 | 80 - 120 | 4 | 20 |
| Carbon tetrachloride | | | 50.0 | 46.38 | | ug/Kg | | 93 | 75 - 140 | 7 | 20 |
| Chlorobenzene | | | 50.0 | 52.28 | | ug/Kg | | 105 | 80 - 120 | 8 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 51.62 | | ug/Kg | | 103 | 73 - 132 | 5 | 20 |
| Ethanol | | | 500 | 688.1 | | ug/Kg | | 138 | 46 - 159 | 8 | 30 |
| Ethylbenzene | | | 50.0 | 53.04 | | ug/Kg | | 106 | 80 - 120 | 7 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 52.09 | | ug/Kg | | 104 | 77 - 129 | 6 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 51.87 | | ug/Kg | | 104 | 79 - 123 | 5 | 20 |
| o-Xylene | | | 50.0 | 51.84 | | ug/Kg | | 104 | 80 - 120 | 6 | 20 |
| m,p-Xylene | | | 100 | 108.6 | | ug/Kg | | 109 | 80 - 120 | 5 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *32 - 179* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *100* | | *58 - 147* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

# QC Association Summary

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## GC/MS VOA

### Analysis Batch: 310059

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-130391-1 | HP-12-5 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-3 | HP-12-15 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-4 | HP-11-5 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-5 | HP-11-10 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-6 | HP-11-15 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-7 | HP-10-5 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-8 | HP-10-10 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-9 | HP-10-15 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-10 | HP-9-5 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-11 | HP-9-10 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-12 | HP-9-15 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-13 | HP-13-5 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-14 | HP-13-10 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-15 | HP-13-15 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-16 | HP-15-5 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-17 | HP-15-10 | Total/NA | Solid | 8260B | 310103 |
| 570-130391-18 | HP-15-15 | Total/NA | Solid | 8260B | 310103 |
| MB 570-310059/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-310059/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-310059/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Prep Batch: 310103

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-130391-1 | HP-12-5 | Total/NA | Solid | 5035 | |
| 570-130391-2 | HP-12-10 | Total/NA | Solid | 5035 | |
| 570-130391-3 | HP-12-15 | Total/NA | Solid | 5035 | |
| 570-130391-4 | HP-11-5 | Total/NA | Solid | 5035 | |
| 570-130391-5 | HP-11-10 | Total/NA | Solid | 5035 | |
| 570-130391-6 | HP-11-15 | Total/NA | Solid | 5035 | |
| 570-130391-7 | HP-10-5 | Total/NA | Solid | 5035 | |
| 570-130391-8 | HP-10-10 | Total/NA | Solid | 5035 | |
| 570-130391-9 | HP-10-15 | Total/NA | Solid | 5035 | |
| 570-130391-10 | HP-9-5 | Total/NA | Solid | 5035 | |
| 570-130391-11 | HP-9-10 | Total/NA | Solid | 5035 | |
| 570-130391-12 | HP-9-15 | Total/NA | Solid | 5035 | |
| 570-130391-13 | HP-13-5 | Total/NA | Solid | 5035 | |
| 570-130391-14 | HP-13-10 | Total/NA | Solid | 5035 | |
| 570-130391-15 | HP-13-15 | Total/NA | Solid | 5035 | |
| 570-130391-16 | HP-15-5 | Total/NA | Solid | 5035 | |
| 570-130391-17 | HP-15-10 | Total/NA | Solid | 5035 | |
| 570-130391-18 | HP-15-15 | Total/NA | Solid | 5035 | |

### Analysis Batch: 310189

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-130391-2 | HP-12-10 | Total/NA | Solid | 8260B | 310103 |
| MB 570-310189/7 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-310189/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-310189/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

# Lab Chronicle

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-12-5
**Lab Sample ID: 570-130391-1**
**Date Collected: 03/07/23 08:38**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.826 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/08/23 21:13 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-12-10
**Lab Sample ID: 570-130391-2**
**Date Collected: 03/07/23 08:40**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310189 | 03/09/23 15:05 | OH1 | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-12-15
**Lab Sample ID: 570-130391-3**
**Date Collected: 03/07/23 08:45**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 3.28 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/08/23 21:34 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-11-5
**Lab Sample ID: 570-130391-4**
**Date Collected: 03/07/23 09:53**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.901 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/08/23 21:55 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-11-10
**Lab Sample ID: 570-130391-5**
**Date Collected: 03/07/23 09:56**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.531 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/08/23 22:16 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

# Lab Chronicle

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-11-15
**Lab Sample ID: 570-130391-6**
**Date Collected: 03/07/23 10:01**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.853 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/08/23 22:37 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-10-5
**Lab Sample ID: 570-130391-7**
**Date Collected: 03/07/23 10:35**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.113 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/08/23 22:58 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-10-10
**Lab Sample ID: 570-130391-8**
**Date Collected: 03/07/23 10:38**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.321 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/08/23 23:19 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-10-15
**Lab Sample ID: 570-130391-9**
**Date Collected: 03/07/23 10:41**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.121 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/08/23 23:40 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-9-5
**Lab Sample ID: 570-130391-10**
**Date Collected: 03/07/23 11:22**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.638 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/09/23 00:01 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

# Lab Chronicle

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-9-10
**Lab Sample ID: 570-130391-11**
**Date Collected: 03/07/23 11:26**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.903 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/09/23 00:22 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-9-15
**Lab Sample ID: 570-130391-12**
**Date Collected: 03/07/23 11:29**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.798 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/09/23 00:43 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-13-5
**Lab Sample ID: 570-130391-13**
**Date Collected: 03/07/23 13:47**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.471 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/09/23 01:04 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-13-10
**Lab Sample ID: 570-130391-14**
**Date Collected: 03/07/23 13:50**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.139 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/09/23 01:25 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-13-15
**Lab Sample ID: 570-130391-15**
**Date Collected: 03/07/23 13:57**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.298 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/09/23 01:46 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

# Lab Chronicle

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Client Sample ID: HP-15-5
**Lab Sample ID: 570-130391-16**
**Date Collected: 03/07/23 14:38**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.525 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/09/23 02:07 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-15-10
**Lab Sample ID: 570-130391-17**
**Date Collected: 03/07/23 14:43**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.127 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/09/23 02:28 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

## Client Sample ID: HP-15-15
**Lab Sample ID: 570-130391-18**
**Date Collected: 03/07/23 14:47**
**Matrix: Solid**
**Date Received: 03/07/23 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.743 g | 5 mL | 310103 | 03/08/23 19:47 | AJ4K | EET CAL 4 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 310059 | 03/09/23 02:49 | A1W | EET CAL 4 |
| | Instrument ID: GCMSQ | | | | | | | | | |

**Laboratory References:**
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

# Accreditation/Certification Summary

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

## Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 3082 | 07-31-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 8260B | 5035 | Solid | 1,1,2-Trichloro-1,2,2-trifluoroethane |
| 8260B | 5035 | Solid | 1,1-Dichloropropene |
| 8260B | 5035 | Solid | 1,2,3-Trichlorobenzene |
| 8260B | 5035 | Solid | 1,2,4-Trimethylbenzene |
| 8260B | 5035 | Solid | 1,3,5-Trimethylbenzene |
| 8260B | 5035 | Solid | 1,3-Dichloropropane |
| 8260B | 5035 | Solid | 2,2-Dichloropropane |
| 8260B | 5035 | Solid | 2-Butanone |
| 8260B | 5035 | Solid | 2-Chlorotoluene |
| 8260B | 5035 | Solid | 2-Hexanone |
| 8260B | 5035 | Solid | Acetone |
| 8260B | 5035 | Solid | Ethanol |
| 8260B | 5035 | Solid | Isopropylbenzene |
| 8260B | 5035 | Solid | p-Isopropyltoluene |
| 8260B | 5035 | Solid | Vinyl acetate |

| | | | |
|---|---|---|---|
| Oregon | NELAP | 4175 | 02-02-24 |

# Method Summary

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | EET CAL 4 |
| 5035 | Closed System Purge and Trap | SW846 | EET CAL 4 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CAL 4 = Eurofins Calscience  Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

# Sample Summary

Client: EEC Environmental
Job ID: 570-130391-1
Project/Site: Soil Vapor Assessment / Rosemead Holding / PDC

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 570-130391-1 | HP-12-5 | Solid | 03/07/23 08:38 | 03/07/23 17:10 |
| 570-130391-2 | HP-12-10 | Solid | 03/07/23 08:40 | 03/07/23 17:10 |
| 570-130391-3 | HP-12-15 | Solid | 03/07/23 08:45 | 03/07/23 17:10 |
| 570-130391-4 | HP-11-5 | Solid | 03/07/23 09:53 | 03/07/23 17:10 |
| 570-130391-5 | HP-11-10 | Solid | 03/07/23 09:56 | 03/07/23 17:10 |
| 570-130391-6 | HP-11-15 | Solid | 03/07/23 10:01 | 03/07/23 17:10 |
| 570-130391-7 | HP-10-5 | Solid | 03/07/23 10:35 | 03/07/23 17:10 |
| 570-130391-8 | HP-10-10 | Solid | 03/07/23 10:38 | 03/07/23 17:10 |
| 570-130391-9 | HP-10-15 | Solid | 03/07/23 10:41 | 03/07/23 17:10 |
| 570-130391-10 | HP-9-5 | Solid | 03/07/23 11:22 | 03/07/23 17:10 |
| 570-130391-11 | HP-9-10 | Solid | 03/07/23 11:26 | 03/07/23 17:10 |
| 570-130391-12 | HP-9-15 | Solid | 03/07/23 11:29 | 03/07/23 17:10 |
| 570-130391-13 | HP-13-5 | Solid | 03/07/23 13:47 | 03/07/23 17:10 |
| 570-130391-14 | HP-13-10 | Solid | 03/07/23 13:50 | 03/07/23 17:10 |
| 570-130391-15 | HP-13-15 | Solid | 03/07/23 13:57 | 03/07/23 17:10 |
| 570-130391-16 | HP-15-5 | Solid | 03/07/23 14:38 | 03/07/23 17:10 |
| 570-130391-17 | HP-15-10 | Solid | 03/07/23 14:43 | 03/07/23 17:10 |
| 570-130391-18 | HP-15-15 | Solid | 03/07/23 14:47 | 03/07/23 17:10 |

**Eurofins Calscience**
2841 Dow Ave., Suite 100
Tustin CA 92780
Phone (949) 261-1022 Fax (949) 260-3297

# Chain of Custody Record

eurofins | Calscience

Loc: 570
130391

| Client Information | Sampler: Luke Pastore | Lab PM: Tina Nguyen | Carrier Tracking No(s): | COC No: |
|---|---|---|---|---|
| Client Contact: Bina Patel | Phone: 714-404-1770 | E-Mail: bpatel@eecenvironmental.com | | Page: 1 of 2 |
| Company: EEC Environmental | | | | Job #: |
| Address: One City Boulevard West, Ste 1800 | Due Date Requested: — | Analysis Requested | | Preservation Codes: |
| City: Orange | TAT Requested (days): Standard | | | A - HCL M - Hexane<br>B - NaOH N - None<br>C - Zn Acetate O - AsNaO2<br>D - Nitric Acid P - Na2O4S<br>E - NaHSO4 Q - Na2SO3<br>F - MeOH R - Na2S2O3<br>G - Amchlor S - H2SO4<br>H - Ascorbic Acid T - TSP Dodecahydrate<br>I - Ice U - Acetone<br>J - DI Water V - MCAA<br>K - EDTA W - pH 4-5<br>L - EDA Z - other (specify)<br>Other: |
| State, Zip: CA, 92868 | PO #: S-3597.04T | | | |
| Phone: 714-667-2300 | WO #: | | | |
| Email: bpatel@eecenvironmental.com | Project #: S-3597.04T | | | |
| Project Name: Soil Vapor Assessment | SSOW#: | | | |
| Site: Rosemead Holdings / PDC | | | | |

570-130391 Chain of Custody

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | VOCs (8260B) | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | |
| 1 | HP-12-5 | 3/7/23 | 0838 | G | Soil | - | - | X | 4 | |
| 2 | HP-12-10 | | 0840 | | | | | X | | |
| 3 | HP-12-15 | | 0845 | | | | | X | | |
| 4 | HP-11-5 | | 0953 | | | | | X | | |
| 5 | HP-11-10 | | 0956 | | | | | X | | |
| 6 | HP-11-15 | | 1001 | | | | | X | | |
| 7 | HP-10-5 | | 1035 | | | | | X | | |
| 8 | HP-10-10 | | 1038 | | | | | X | | |
| 9 | HP-10-15 | | 1041 | | | | | X | | |
| 10 | HP-9-5 | | 1122 | | | | | X | | |
| 11 | HP-9-10 | ↓ | 1126 | ↓ | ↓ | | | X | ↓ | |

**Possible Hazard Identification**
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | [signature] | 3/7/23 1520 | | | 3-7-23 15:20 | EC |
| 2 | [signature] | 3-7-23 17:10 | EC | [signature] | 3-7-23 17:10 | EC |
| 3 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: △ Yes △ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.7/1.7 Soil

Ver: 01/16/2019

**Eurofins Calscience**
2841 Dow Ave., Suite 100
Tustin CA 92780
Phone (949) 261-1022 Fax (949) 260-3297

# Chain of Custody Record

eurofins | Calscience

| Client Information | Sampler: Luke Pastore | Lab PM: Tina Nguyen | Carrier Tracking No(s): | COC No: |
|---|---|---|---|---|
| Client Contact: Bina Patel | Phone: 714-404-1770 | E-Mail: bpatel@eecenvironmental.com | | Page: 2 of 2 |
| Company: EEC Environmental | | | | Job #: |
| Address: One City Boulevard West, Ste 1800 | Due Date Requested: — | | | |
| City: Orange | TAT Requested (days): Standard | | | |
| State, Zip: CA, 92868 | | | | |
| Phone: 714-667-2300 | PO #: S-3597.04T | | | |
| Email: bpatel@eecenvironmental.com | WO #: | | | |
| Project Name: Soil Vapor Assessment | Project #: S-3597.04T | | | |
| Site: Rosemead Holdings / PDC | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | VOC (8260B) | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | | | |
| 12 | HP-4-15 | 3/7/23 | 1129 | G | Soil | - | - | X | 4 | |
| 13 | HP-13-5 | | 1347 | | | | | X | | |
| 14 | HP-13-10 | | 1350 | | | | | X | | |
| 15 | HP-13-15 | | 1357 | | | | | X | | |
| 16 | HP-15-5 | | 1438 | | | | | X | | |
| 17 | HP-15-10 | | 1443 | | | | | X | | |
| 18 | HP-15-15 | ↓ | 1447 | ↓ | ↓ | | | X | ↓ | |

***Possible Hazard Identification***
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| [signature] | 3/7/23 1520 | | [signature] | 3-7-23 15:20 | EC |
| Relinquished by: [signature] | Date/Time: 3-7-23 17:10 | Company EC | Received by: | Date/Time: 3-7-23 17:10 | Company EC |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: EEC Environmental

Job Number: 570-130391-1

**Login Number: 130391**
**List Number: 1**
**Creator: Ortiz-Luis, Michael**

**List Source: Eurofins Calscience**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

# Appendix C
# Laboratory Analytical Results and Chain-of-Custody Documentation for Soil Vapor Samples

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CASE NARRATIVE

| | |
|---|---|
| Authorized Signature Name / Title (print) | Ken Zheng, President |
| Signature / Date | Ken Zheng, President 03/22/2023 10:05:19 |
| Laboratory Job No. (Certificate of Analysis No.) | 2303-00175 |
| Project Name / No. | 2200 N. Rosemead Blvd., S. El Monte, CA S-3597.04T |
| Dates Sampled (from/to) | 03/20/23 To 03/20/23 |
| Dates Received (from/to) | 03/20/23 To 03/20/23 |
| Dates Reported (from/to) | 03/22/23 To 3/22/2023 |
| Chains of Custody Received | Yes |

Comments:

**Subcontracting**

Organic Analyses

No analyses sub-contracted

**Sample Condition(s)**

All samples intact


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 001 **HP-7-5** Date & Time Sampled: 03/20/23 @ 8:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 001 **HP-7-5** Date & Time Sampled: 03/20/23 @ 8:10
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 001 **HP-7-5** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 8:10 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 117 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 104 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 85 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Sample: 002 **HP-15-5** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 8:40 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 002 **HP-15-5** Date & Time Sampled: 03/20/23 @ 8:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 002 **HP-15-5** Date & Time Sampled: 03/20/23 @ 8:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 124 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 105 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 84 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 003 **HP-15-15** Date & Time Sampled: 03/20/23 @ 9:04
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 003 **HP-15-15** Date & Time Sampled: 03/20/23 @ 9:04
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 003 **HP-15-15** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 9:04 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 118 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 104 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 85 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Sample: 004 **HP-6-5** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 9:40 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 004 **HP-6-5** Date & Time Sampled: 03/20/23 @ 9:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 004 **HP-6-5** Date & Time Sampled: 03/20/23 @ 9:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 118 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 108 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 87 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 005 **HP-6-15** Date & Time Sampled: 03/20/23 @ 10:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | ***0.010*** | 0.00775 | 0.025 | µg/L | ***10*** | 7.8 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 005 **HP-6-15** Date & Time Sampled: 03/20/23 @ 10:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **0.24** | 0.0125 | 0.025 | µg/L | **240** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | **0.31** | 0.0125 | 0.025 | µg/L | **310** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

Date Reported 03/22/23
Date Received 03/20/23
Invoice No. 97639
Cust # 1558
Permit Number
Customer P.O. S-3597.04T

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 005 **HP-6-15** Date & Time Sampled: 03/20/23 @ 10:05 | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 115 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 107 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 87 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Sample: 006 **HP-14-5** Date & Time Sampled: 03/20/23 @ 10:30 | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 006 **HP-14-5** Date & Time Sampled: 03/20/23 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 006 **HP-14-5** Date & Time Sampled: 03/20/23 @ 10:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **0.17** | 0.0125 | 0.025 | µg/L | **170** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | ***0.014*** | 0.0125 | 0.025 | µg/L | ***14*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 115 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 106 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 87 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 007 **HP-14-15** Date & Time Sampled: 03/20/23 @ 10:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 007 **HP-14-15** Date & Time Sampled: 03/20/23 @ 10:50
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **0.81** | 0.0125 | 0.025 | µg/L | **810** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | **0.080** | 0.0125 | 0.025 | µg/L | **80** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 007 **HP-14-15** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 10:50 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 106 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 108 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 84 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Sample: 008 **HP-8-5** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 11:20 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 008 **HP-8-5** Date & Time Sampled: 03/20/23 @ 11:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 008 **HP-8-5** Date & Time Sampled: 03/20/23 @ 11:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **0.030** | 0.0125 | 0.025 | µg/L | **30** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 114 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 107 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 89 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 009 **HP-8-15** Date & Time Sampled: 03/20/23 @ 11:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 009 **HP-8-15** Date & Time Sampled: 03/20/23 @ 11:40
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **0.41** | 0.0125 | 0.025 | µg/L | **410** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | **0.14** | 0.0125 | 0.025 | µg/L | **140** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 009 **HP-8-15** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 11:40 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 130 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 113 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 94 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Sample: 010 **HP-9-5** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 12:05 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 010 **HP-9-5** Date & Time Sampled: 03/20/23 @ 12:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 010 **HP-9-5** Date & Time Sampled: 03/20/23 @ 12:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **13** | 0.0125 | 0.025 | µg/L | **13,000** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | **0.35** | 0.0125 | 0.025 | µg/L | **350** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 120 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 130 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 89 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 011 **HP-9-15** Date & Time Sampled: 03/20/23 @ 12:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | ***0.010*** | 0.00775 | 0.025 | µg/L | ***10*** | 7.8 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 011 **HP-9-15** Date & Time Sampled: 03/20/23 @ 12:30
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | **0.070** | 0.0125 | 0.025 | µg/L | **70** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | **0.050** | 0.0125 | 0.025 | µg/L | **50** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **56** | 0.0125 | 0.025 | µg/L | **56,000** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | **0.050** | 0.0125 | 0.025 | µg/L | **50** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | **2.0** | 0.0125 | 0.025 | µg/L | **2,000** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 011 **HP-9-15** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 12:30 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 130 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 119 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 90 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Sample: 012 **HP-10-5** | | | | | | | | | Date & Time Sampled: | | 03/20/23 @ 12:55 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 012 **HP-10-5** Date & Time Sampled: 03/20/23 @ 12:55
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 012 **HP-10-5** Date & Time Sampled: 03/20/23 @ 12:55
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **0.57** | 0.0125 | 0.025 | µg/L | **570** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | **0.050** | 0.0125 | 0.025 | µg/L | **50** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 125 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 113 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 86 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 013 **HP-10-15** Date & Time Sampled: 03/20/23 @ 13:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 013 **HP-10-15** Date & Time Sampled: 03/20/23 @ 13:25
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **1.4** | 0.0125 | 0.025 | µg/L | **1,400** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | **0.16** | 0.0125 | 0.025 | µg/L | **160** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 013 **HP-10-15** | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 120 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 113 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 85 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Sample: 014 **HP-11-5** | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 014 **HP-11-5** Date & Time Sampled: 03/20/23 @ 13:55
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 014 **HP-11-5** Date & Time Sampled: 03/20/23 @ 13:55
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **0.080** | 0.0125 | 0.025 | µg/L | **80** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 130 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 111 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 94 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 015 **HP-11-15** Date & Time Sampled: 03/20/23 @ 14:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 015 **HP-11-15** Date & Time Sampled: 03/20/23 @ 14:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **0.15** | 0.0125 | 0.025 | µg/L | **150** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

Date Reported 03/22/23
Date Received 03/20/23
Invoice No. 97639
Cust # 1558
Permit Number
Customer P.O. S-3597.04T

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 015 **HP-11-15** Date & Time Sampled: 03/20/23 @ 14:20 | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 130 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 115 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 93 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Sample: 016 **HP-11-15DUP** Date & Time Sampled: 03/20/23 @ 14:20 | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 016 **HP-11-15DUP** Date & Time Sampled: 03/20/23 @ 14:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00175

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 016 **HP-11-15DUP** Date & Time Sampled: 03/20/23 @ 14:20
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Tetrachloroethene | **0.15** | 0.0125 | 0.025 | µg/L | **150** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/20/23 | KZ |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 129 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Toluene-D8 | 114 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |
| Bromofluorobenzene | 88 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/20/23 | KZ |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/22/23 |
| Date Received | 03/20/23 |
| Invoice No. | 97639 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

***Respectfully Submitted:*** Ken Zheng

Ken Zheng - President

**QUALIFIERS**

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

**ABBREVIATIONS**

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**2303-00175**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| **Date Reported** | **03/22/2023** |
| **Date Received** | **03/20/2023** |
| **Date Sampled** | **03/20/2023** |
| **Invoice No.** | **97639** |
| **Customer #** | **1558** |
| **Customer P.O.** | **S-3597.04T** |

**Method #** **EPA 8260B**

**QC Reference #** 108458 **Date Analyzed:** 3/20/2023 **Technician:** KZ

**Samples** 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016

### Results

| | LCS %REC | LCS %DUP | LCS %RPD | BLKSRR% REC |
|---|---|---|---|---|
| 1,1-Dichloroethene | 76 | 82 | 7.4 | |
| Benzene | 82 | 93 | 12.5 | |
| Bromofluorobenzene | | | | 92 |
| Chlorobenzene | 94 | 101 | 7.4 | |
| Dibromofluoromethan | | | | 120 |
| Toluene | 82 | 80 | 1.7 | |
| Toluene-D8 | | | | 117 |
| Trichloroethene | 84 | 84 | 0.5 | |

### Control Ranges

| LCS %REC | LCS %RPD | BLKSRR%REC |
|---|---|---|
| 70 - 130 | 0 - 25 | |
| 70 - 130 | 0 - 25 | |
| | | 50 - 150 |
| 70 - 130 | 0 - 25 | |
| | | 50 - 150 |
| 70 - 130 | 0 - 25 | |
| | | 50 - 150 |
| 70 - 130 | 0 - 25 | |

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**

**Date Reported** 03/22/2023
**Date Received** 03/20/2023
**Date Sampled** 03/20/2023

## Project: 2200 N. Rosemead Blvd., S. El Monte, CA

### Method blank results

| Ref | Test Name | Result | Qualif | Units | MDL |
|---|---|---|---|---|---|
| 108458 | Acetone | <0.1250 | | µg/L | 0.1250 |
| | Benzene | <0.0060 | | µg/L | 0.0060 |
| | Bromobenzene | <0.0125 | | µg/L | 0.0125 |
| | Bromochloromethane | <0.0125 | | µg/L | 0.0125 |
| | Bromodichloromethane | <0.0125 | | µg/L | 0.0125 |
| | Bromoform | <0.0125 | | µg/L | 0.0125 |
| | Bromomethane | <0.0125 | | µg/L | 0.0125 |
| | 2-Butanone (MEK) | <0.1250 | | µg/L | 0.1250 |
| | n-Butylbenzene | <0.0125 | | µg/L | 0.0125 |
| | sec-Butylbenzene | <0.0125 | | µg/L | 0.0125 |
| | tert-Butylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Carbon Disulfide | <0.1250 | | µg/L | 0.1250 |
| | Carbon Tetrachloride | <0.0063 | | µg/L | 0.0063 |
| | Chlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | Chloroethane | <0.0125 | | µg/L | 0.0125 |
| | Chloroform | <0.0078 | | µg/L | 0.0078 |
| | Chloromethane | <0.0125 | | µg/L | 0.0125 |
| | 2-Chlorotoluene | <0.0125 | | µg/L | 0.0125 |
| | 4-Chlorotoluene | <0.0125 | | µg/L | 0.0125 |
| | Dibromochloromethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dibromoethane (EDB) | <0.0031 | | µg/L | 0.0031 |
| | 1,2-Dibromo-3-Chloropropane | <0.0125 | | µg/L | 0.0125 |
| | Dibromomethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,3-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,4-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | Dichlorodifluoromethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1-Dichloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dichloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1-Dichloroethene | <0.0125 | | µg/L | 0.0125 |
| | cis-1,2-Dichloroethene | <0.0125 | | µg/L | 0.0125 |
| | trans-1,2-Dichloroethene | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dichloropropane | <0.0125 | | µg/L | 0.0125 |
| | 1,3-Dichloropropane | <0.0125 | | µg/L | 0.0125 |
| | 2,2-Dichloropropane | <0.0125 | | µg/L | 0.0125 |
| | 1,1-Dichloropropene | <0.0125 | | µg/L | 0.0125 |
| | cis-1,3-Dichloropropene | <0.0125 | | µg/L | 0.0125 |
| | trans-1,3-Dichloropropene | <0.0125 | | µg/L | 0.0125 |
| | Ethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Hexachlorobutadiene | <0.0125 | | µg/L | 0.0125 |
| | 2-Hexanone | <0.1250 | | µg/L | 0.1250 |
| | Isopropylbenzene | <0.0125 | | µg/L | 0.0125 |
| | 4-Isopropyltoluene | <0.0125 | | µg/L | 0.0125 |
| | Methylene Chloride | <0.0125 | | µg/L | 0.0125 |
| | 4-Methyl-2-Pentanone (MIBK) | <0.1250 | | µg/L | 0.1250 |
| | Methyl-t-butyl Ether (MtBE) | <0.0125 | | µg/L | 0.0125 |
| | Naphthalene | <0.0063 | | µg/L | 0.0063 |
| | n-Propylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Styrene | <0.0125 | | µg/L | 0.0125 |
| | 1,1,1,2-Tetrachloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1,2,2-Tetrachloroethane | <0.0125 | | µg/L | 0.0125 |
| | Tetrachloroethene | <0.0125 | | µg/L | 0.0125 |
| | Toluene | <0.0125 | | µg/L | 0.0125 |
| | 1,2,3-Trichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,2,4-Trichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,1,1-Trichloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1,2-Trichloroethane | <0.0125 | | µg/L | 0.0125 |
| | Trichloroethene | <0.0125 | | µg/L | 0.0125 |
| | 1,2,3-Trichloropropane | <0.0050 | | µg/L | 0.0050 |
| | Trichlorofluoromethane | <0.0125 | | µg/L | 0.0125 |
| | Trichlorotrifluoroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2,4-Trimethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,3,5-Trimethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Vinyl Chloride | <0.0006 | | µg/L | 0.0006 |
| | m,p-Xylenes | <0.0250 | | µg/L | 0.0250 |
| | o-Xylene | <0.0125 | | µg/L | 0.0125 |
| | Isopropanol (IPA) | <0.1250 | | µg/L | 0.1250 |

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**2303-00175**

**EEC ENVIRONMENTAL**
**BINA PATEL**

| | |
|---|---|
| **Date Reported** | **03/22/2023** |
| **Date Received** | **03/20/2023** |
| **Date Sampled** | **03/20/2023** |

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

***Respectfully Submitted:*** Ken Zheng

Ken Zheng - President

ARL

**A & R Laboratories**
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

# CHAIN OF CUSTODY

S-35597.04T

A & R Work Order #: 2303-175

Page 1 of 1

Client Name: EEC ENV.
E-mail: bpatel@eecenvironmental.com
Address: ONE CITY BLVD. WEST, STE. 1800, ORANGE, CA 92868
Report Attention: BINA P. | Phone # 714.667.2300 | Fax: #
Sampled By: KZ
Project No./ Name:
Project Site: 2200 N. Rosemead Blvd, South El M

☐ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal — Mobile

| Lab # (Lab use) | Client Sample ID | Sample Collection Date | Sample Collection Time | Matrix Type | Sample Preserve | No., type* & size of container | EPA8260B (VOCs & Oxygenates) | EPA8260B(BTEX & Oxygenates) | 8260B / 8015 (Gasoline) | 8015 (Diesel) | EPA8081A (Organochlorine Pesticides) | EPA 8082 (PCBs) | EPA 8015M (Carbon Chain C4-C40) | EPA 6010B/7000 (CAM 17 Metals) | Micro: Plate Cnt., Coliform, E-Coli | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -1 | HP-7-5 | 3/20/23 | 8:10 | Air | | 250 mlG | X | | | | | | | | | |
| -2 | HP-15-5 | | 8:40 | | | | | | | | | | | | | |
| -3 | ↓ -15 | | 9:04 | | | | | | | | | | | | | |
| -4 | HP-6-5 | | 9:40 | | | | | | | | | | | | | |
| -5 | ↓ -15 | | 10:05 | | | | | | | | | | | | | |
| -6 | HP-14-5 | | 10:30 | | | | | | | | | | | | | |
| -7 | ↓ -15 | | 10:50 | | | | | | | | | | | | | |
| -8 | HP-8-5 | | 11:20 | | | | | | | | | | | | | |
| -9 | ↓ -15 | | 11:40 | | | | | | | | | | | | | |
| -10 | HP-9-5 | | 12:05 | | | | | | | | | | | | | |
| -11 | ↓ -15 | | 12:30 | | | | | | | | | | | | | |
| -12 | HP-10-5 | | 12:55 | | | | | | | | | | | | | |
| -13 | ↓ -15 | | 13:25 | | | | | | | | | | | | | |
| -14 | HP-11-5 | | 13:55 | | | | | | | | | | | | | |
| -15 | HP-11-15 | | 14:20 | | | | | | | | | | | | | |
| -16 | HP-11-15 DUP | ↓ | 14:20 | ↓ | | ↓ | ↓ | | | | | | | | | |

| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |
|---|---|---|---|---|---|---|---|
| [signature] | EEC | 3/20/23 | 15:00 | VC | ARL | 3/20/23 | 15:00 |
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=$HNO_3$; SH=NaOH; ST=$Na_2S_2O_3$; HS=$H_2SO_4$

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CASE NARRATIVE

| | |
|---|---|
| Authorized Signature Name / Title (print) | Ken Zheng, President |
| Signature / Date | Ken Zheng, President 03/30/2023 15:13:57 |
| Laboratory Job No. (Certificate of Analysis No.) | 2303-00176 |
| Project Name / No. | 2200 N. Rosemead Blvd., S. El Monte, CA S-3597-04T |
| Dates Sampled (from/to) | 03/28/23 To 03/28/23 |
| Dates Received (from/to) | 03/28/23 To 03/28/23 |
| Dates Reported (from/to) | 03/30/23 To 3/30/2023 |
| Chains of Custody Received | Yes |

Comments:

**Subcontracting**

Organic Analyses

No analyses sub-contracted

**Sample Condition(s)**

All samples intact

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 001 **HP-1-30** Date & Time Sampled: 03/28/23 @ 7:53
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 001 **HP-1-30** Date & Time Sampled: 03/28/23 @ 7:53
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **0.050** | 0.0125 | 0.025 | µg/L | **50** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.90** | 0.0125 | 0.025 | µg/L | **900** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.23** | 0.0125 | 0.025 | µg/L | **230** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 001 **HP-1-30** Date & Time Sampled: 03/28/23 @ 7:53 | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 103 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 103 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 93 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Sample: 002 **HP-1-40** Date & Time Sampled: 03/28/23 @ 8:15 | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 002 **HP-1-40** Date & Time Sampled: 03/28/23 @ 8:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 002 **HP-1-40** Date & Time Sampled: 03/28/23 @ 8:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 107 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 107 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 96 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 003 **HP-2-30** Date & Time Sampled: 03/28/23 @ 8:37
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | **0.060** | 0.0125 | 0.025 | µg/L | **60** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 003 **HP-2-30** Date & Time Sampled: 03/28/23 @ 8:37
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **0.20** | 0.0125 | 0.025 | µg/L | **200** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | **0.030** | 0.0125 | 0.025 | µg/L | **30** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **6.5** | 0.0125 | 0.025 | µg/L | **6,500** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **1.3** | 0.0125 | 0.025 | µg/L | **1,300** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 003 **HP-2-30** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 8:37 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | **0.040** | 0.0125 | 0.025 | µg/L | **40** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 98 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 98 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 91 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Sample: 004 **HP-2-40** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 9:00 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 004 **HP-2-40** Date & Time Sampled: 03/28/23 @ 9:00
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 004 **HP-2-40** Date & Time Sampled: 03/28/23 @ 9:00
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.53** | 0.0125 | 0.025 | µg/L | **530** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.090** | 0.0125 | 0.025 | µg/L | **90** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 107 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 105 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 96 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 005 **HP-3-30** Date & Time Sampled: 03/28/23 @ 9:22
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 005 **HP-3-30** Date & Time Sampled: 03/28/23 @ 9:22
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 005 **HP-3-30** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 9:22 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 110 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 105 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 111 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Sample: 006 **HP-3-40** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 9:45 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 006 **HP-3-40** Date & Time Sampled: 03/28/23 @ 9:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | **0.23** | 0.0125 | 0.025 | µg/L | **230** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **0.040** | 0.0125 | 0.025 | µg/L | **40** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | **0.030** | 0.0125 | 0.025 | µg/L | **30** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 006 **HP-3-40** Date & Time Sampled: 03/28/23 @ 9:45
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **4.8** | 0.0125 | 0.025 | µg/L | **4,800** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **1.3** | 0.0125 | 0.025 | µg/L | **1,300** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | **0.10** | 0.0125 | 0.025 | µg/L | **100** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 97 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 97 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 84 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 007 **HP-4-5** Date & Time Sampled: 03/28/23 @ 10:08
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | **0.76** | 0.006 | 0.025 | µg/L | **760** | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | **2.7** | 0.0125 | 0.025 | µg/L | **2,700** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | **0.14** | 0.0125 | 0.025 | µg/L | **140** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 007 **HP-4-5** Date & Time Sampled: 03/28/23 @ 10:08
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | **0.050** | 0.0125 | 0.025 | µg/L | **50** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **5.9** | 0.0125 | 0.025 | µg/L | **5,900** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | **0.11** | 0.0125 | 0.025 | µg/L | **110** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | **4.1** | 0.0125 | 0.025 | µg/L | **4,100** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | **0.15** | 0.0125 | 0.025 | µg/L | **150** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | **0.12** | 0.0125 | 0.025 | µg/L | **120** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.85** | 0.0125 | 0.025 | µg/L | **850** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | **45** | 0.0125 | 0.025 | µg/L | **45,000** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.38** | 0.0125 | 0.025 | µg/L | **380** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 007 **HP-4-5** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 10:08 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | **0.25** | 0.0125 | 0.025 | µg/L | **250** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | **0.12** | 0.0125 | 0.025 | µg/L | **120** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | **6.9** | 0.0006 | 0.013 | µg/L | **6,900** | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | **12** | 0.025 | 0.050 | µg/L | **12,000** | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | **3.8** | 0.0125 | 0.025 | µg/L | **3,800** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 101 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 119 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 100 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Sample: 008 **HP-4-5DUP** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 10:08 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.50 | 0.5 | 1.0 | µg/L | <500.0 | 500.0 | 1,000 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Benzene | **0.68** | 0.024 | 0.10 | µg/L | **680** | 24.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.50 | 0.5 | 1.0 | µg/L | <500.0 | 500.0 | 1,000 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.50 | 0.5 | 1.0 | µg/L | <500.0 | 500.0 | 1,000 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 008 **HP-4-5DUP** Date & Time Sampled: 03/28/23 @ 10:08
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.025 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.031 | 0.031 | 0.10 | µg/L | <31.0 | 31.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0125 | 0.0125 | 0.10 | µg/L | <12.5 | 12.5 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | **2.3** | 0.05 | 0.10 | µg/L | **2,300** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | **0.12** | 0.05 | 0.10 | µg/L | **120** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethene | ***0.050*** | 0.05 | 0.10 | µg/L | ***50*** | 50.0 | 100 | µg/m3 | J | 1.0 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **4.3** | 0.05 | 0.10 | µg/L | **4,300** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | **0.10** | 0.05 | 0.10 | µg/L | **100** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | **2.9** | 0.05 | 0.10 | µg/L | **2,900** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.50 | 0.5 | 1.0 | µg/L | <500.0 | 500.0 | 1,000 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | ***0.090*** | 0.05 | 0.10 | µg/L | ***90*** | 50.0 | 100 | µg/m3 | J | 1.0 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 008 **HP-4-5DUP** Date & Time Sampled: 03/28/23 @ 10:08
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.050 | 0.05 | 0.1 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.50 | 0.5 | 1.0 | µg/L | <500.0 | 500.0 | 1,000 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.025 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | ***0.080*** | 0.05 | 0.10 | µg/L | ***80*** | 50.0 | 100 | µg/m3 | J | 1.0 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.46** | 0.05 | 0.10 | µg/L | **460** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Toluene | **47** | 0.05 | 0.10 | µg/L | **47,000** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.38** | 0.05 | 0.10 | µg/L | **380** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.020 | 0.02 | 0.10 | µg/L | <20.0 | 20.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Trichlorofluoromethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.050 | 0.05 | 0.10 | µg/L | <50.0 | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | **0.12** | 0.05 | 0.10 | µg/L | **120** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | ***0.060*** | 0.05 | 0.10 | µg/L | ***60*** | 50.0 | 100 | µg/m3 | J | 1.0 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | **6.2** | 0.0024 | 0.050 | µg/L | **6,200** | 2.4 | 50 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | **9.7** | 0.1 | 0.20 | µg/L | **9,700** | 100.0 | 200 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | **2.6** | 0.05 | 0.10 | µg/L | **2,600** | 50.0 | 100 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.50 | 0.5 | 1.0 | µg/L | <500.0 | 500.0 | 1,000 | µg/m3 | | 1.0 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 93 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 101 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 90 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 009 **HP-4-15** Date & Time Sampled: 03/28/23 @ 10:31
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | **0.050** | 0.006 | 0.025 | µg/L | **50** | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | **0.13** | 0.0125 | 0.025 | µg/L | **130** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 009 **HP-4-15** Date & Time Sampled: 03/28/23 @ 10:31
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **0.31** | 0.0125 | 0.025 | µg/L | **310** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | **0.61** | 0.0125 | 0.025 | µg/L | **610** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.050** | 0.0125 | 0.025 | µg/L | **50** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | **5.4** | 0.0125 | 0.025 | µg/L | **5,400** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.030** | 0.0125 | 0.025 | µg/L | **30** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 009 **HP-4-15** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 10:31 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | **0.080** | 0.0125 | 0.025 | µg/L | **80** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | **0.030** | 0.0125 | 0.025 | µg/L | **30** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | **0.15** | 0.0006 | 0.013 | µg/L | **150** | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | **2.5** | 0.025 | 0.050 | µg/L | **2,500** | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | **0.88** | 0.0125 | 0.025 | µg/L | **880** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 93 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 97 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 97 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Sample: 010 **HP-4-30** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 11:15 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Benzene | ***0.040*** | 0.012 | 0.050 | µg/L | ***40*** | 12.0 | 50 | µg/m3 | J | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 010 **HP-4-30** Date & Time Sampled: 03/28/23 @ 11:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0155 | 0.0155 | 0.050 | µg/L | <15.5 | 15.5 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0063 | 0.00625 | 0.050 | µg/L | <6.3 | 6.3 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | **0.66** | 0.025 | 0.050 | µg/L | **660** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **0.60** | 0.025 | 0.050 | µg/L | **600** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | **0.16** | 0.025 | 0.050 | µg/L | **160** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 010 **HP-4-30** Date & Time Sampled: 03/28/23 @ 11:15
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0250 | 0.025 | 0.05 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.16** | 0.025 | 0.050 | µg/L | **160** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Toluene | **6.0** | 0.025 | 0.050 | µg/L | **6,000** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.22** | 0.025 | 0.050 | µg/L | **220** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0100 | 0.01 | 0.050 | µg/L | <10.0 | 10.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Trichlorofluoromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | ***0.040*** | 0.025 | 0.050 | µg/L | ***40*** | 25.0 | 50 | µg/m3 | J | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | **0.33** | 0.0012 | 0.025 | µg/L | **330** | 1.2 | 25 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | **0.62** | 0.05 | 0.10 | µg/L | **620** | 50.0 | 100 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | **0.22** | 0.025 | 0.050 | µg/L | **220** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 96 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 100 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 99 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 011 **HP-4-40** Date & Time Sampled: 03/28/23 @ 11:59
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Benzene | **0.47** | 0.012 | 0.050 | µg/L | **470** | 12.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Carbon Tetrachloride | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0155 | 0.0155 | 0.050 | µg/L | <15.5 | 15.5 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0063 | 0.00625 | 0.050 | µg/L | <6.3 | 6.3 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | **1.1** | 0.025 | 0.050 | µg/L | **1,100** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 011 **HP-4-40** Date & Time Sampled: 03/28/23 @ 11:59
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **1.5** | 0.025 | 0.050 | µg/L | **1,500** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | **0.050** | 0.025 | 0.050 | µg/L | **50** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | **1.4** | 0.025 | 0.050 | µg/L | **1,400** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | ***0.030*** | 0.025 | 0.050 | µg/L | ***30*** | 25.0 | 50 | µg/m3 | J | 0.50 | EPA 8260B | 03/28/23 | IG |
| 4-Isopropyltoluene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0250 | 0.025 | 0.05 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.30** | 0.025 | 0.050 | µg/L | **300** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Toluene | **29** | 0.025 | 0.050 | µg/L | **29,000** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.23** | 0.025 | 0.050 | µg/L | **230** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0100 | 0.01 | 0.050 | µg/L | <10.0 | 10.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 011 **HP-4-40** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 11:59 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | ***0.040*** | 0.025 | 0.050 | µg/L | ***40*** | 25.0 | 50 | µg/m3 | J | 0.50 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | **11** | 0.0012 | 0.025 | µg/L | **11,000** | 1.2 | 25 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | **4.7** | 0.05 | 0.10 | µg/L | **4,700** | 50.0 | 100 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | **1.2** | 0.025 | 0.050 | µg/L | **1,200** | 25.0 | 50 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.2500 | 0.25 | 0.50 | µg/L | <250.0 | 250.0 | 500 | µg/m3 | | 0.50 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 94 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 99 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 96 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Sample: 012 **HP-12-5** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 12:21 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 012 **HP-12-5** Date & Time Sampled: 03/28/23 @ 12:21
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | **0.090** | 0.0125 | 0.025 | µg/L | **90** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 012 **HP-12-5** Date & Time Sampled: 03/28/23 @ 12:21
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.21** | 0.0125 | 0.025 | µg/L | **210** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | **0.96** | 0.0125 | 0.025 | µg/L | **960** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | **0.33** | 0.025 | 0.050 | µg/L | **330** | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | **0.10** | 0.0125 | 0.025 | µg/L | **100** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 94 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 100 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 97 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 013 **HP-12-15** Date & Time Sampled: 03/28/23 @ 12:43
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 013 **HP-12-15** Date & Time Sampled: 03/28/23 @ 12:43
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.15** | 0.0125 | 0.025 | µg/L | **150** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | **0.15** | 0.0125 | 0.025 | µg/L | **150** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 013 **HP-12-15** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 12:43 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | ***0.040*** | 0.025 | 0.050 | µg/L | ***40*** | 25.0 | 50 | µg/m3 | J | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 97 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 104 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 90 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Sample: 014 **HP-15-15** | | | | | | | | | Date & Time Sampled: | | 03/28/23 @ 13:05 | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 014 **HP-15-15** Date & Time Sampled: 03/28/23 @ 13:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 014 **HP-15-15** Date & Time Sampled: 03/28/23 @ 13:05
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | **0.10** | 0.0125 | 0.025 | µg/L | **100** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 106 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 104 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 99 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 015 **LV-5-20** Date & Time Sampled: 03/28/23 @ 13:27
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 015 **LV-5-20** Date & Time Sampled: 03/28/23 @ 13:27
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.080** | 0.0125 | 0.025 | µg/L | **80** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.060** | 0.0125 | 0.025 | µg/L | **60** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

Date Reported 03/30/23
Date Received 03/28/23
Invoice No. 97704
Cust # 1558
Permit Number
Customer P.O. S-3597-04T

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 015 **LV-5-20** | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 118 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 111 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 100 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Sample: 016 **HP-5-5** | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.
**USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research**

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 016 **HP-5-5** Date & Time Sampled: 03/28/23 @ 13:49
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | **0.050** | 0.0125 | 0.025 | µg/L | **50** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 016 **HP-5-5** Date & Time Sampled: 03/28/23 @ 13:49
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.060** | 0.0125 | 0.025 | µg/L | **60** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | **0.27** | 0.0125 | 0.025 | µg/L | **270** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.040** | 0.0125 | 0.025 | µg/L | **40** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | <0.0006 | 0.0006 | 0.013 | µg/L | <0.6 | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | **0.17** | 0.025 | 0.050 | µg/L | **170** | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | **0.070** | 0.0125 | 0.025 | µg/L | **70** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 98 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 101 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 96 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 017 **HP-13-5** Date & Time Sampled: 03/28/23 @ 14:11
Sample Matrix: **Air**
Purge Volume Sampled: **3**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | **0.060** | 0.006 | 0.025 | µg/L | **60** | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | **0.060** | 0.0125 | 0.025 | µg/L | **60** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 017 **HP-13-5** Date & Time Sampled: 03/28/23 @ 14:11
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **0.060** | 0.0125 | 0.025 | µg/L | **60** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | **0.18** | 0.0125 | 0.025 | µg/L | **180** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.11** | 0.0125 | 0.025 | µg/L | **110** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | **0.13** | 0.0125 | 0.025 | µg/L | **130** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.11** | 0.0125 | 0.025 | µg/L | **110** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample: 017 **HP-13-5** Date & Time Sampled: 03/28/23 @ 14:11 | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| .....continued | | | | | | | | | | | | | |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | **0.11** | 0.0006 | 0.013 | µg/L | **110** | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | **0.29** | 0.025 | 0.050 | µg/L | **290** | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | **0.10** | 0.0125 | 0.025 | µg/L | **100** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 96 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 104 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 104 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Sample: 018 **LV-3-10** Date & Time Sampled: 03/28/23 @ 14:33 | | | | | | | | | | | | | |
| Sample Matrix: **Air** | | | | | | | | | | | | | |
| Purge Volume Sampled: **3** | | | | | | | | | | | | | |
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Benzene | ***0.020*** | 0.006 | 0.025 | µg/L | ***20*** | 6.0 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 018 **LV-3-10** Date & Time Sampled: 03/28/23 @ 14:33
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethane | **0.42** | 0.0125 | 0.025 | µg/L | **420** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloroethene | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,2-Dichloroethene | **0.48** | 0.0125 | 0.025 | µg/L | **480** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,2-Dichloroethene | **0.040** | 0.0125 | 0.025 | µg/L | **40** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Ethylbenzene | **0.21** | 0.0125 | 0.025 | µg/L | **210** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Isopropylbenzene | **0.030** | 0.0125 | 0.025 | µg/L | **30** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2303-00176

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

Sample: 018 **LV-3-10** Date & Time Sampled: 03/28/23 @ 14:33
Sample Matrix: **Air**
Purge Volume Sampled: **3**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Methyl-t-butyl Ether (MtBE) | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Tetrachloroethene | **0.17** | 0.0125 | 0.025 | µg/L | **170** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Toluene | **0.70** | 0.0125 | 0.025 | µg/L | **700** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichloroethene | **0.53** | 0.0125 | 0.025 | µg/L | **530** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Trichlorotrifluoroethane | **0.18** | 0.0125 | 0.025 | µg/L | **180** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,2,4-Trimethylbenzene | **0.060** | 0.0125 | 0.025 | µg/L | **60** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| Vinyl Chloride | **0.050** | 0.0006 | 0.013 | µg/L | **50** | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| m,p-Xylenes | **0.66** | 0.025 | 0.050 | µg/L | **660** | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| o-Xylene | **0.31** | 0.0125 | 0.025 | µg/L | **310** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 03/28/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 94 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Toluene-D8 | 101 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |
| Bromofluorobenzene | 100 | | 70-130 | %REC | | | | | | | EPA 8260B | 03/28/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| Date Reported | 03/30/23 |
| Date Received | 03/28/23 |
| Invoice No. | 97704 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597-04T |

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

***Respectfully Submitted:*** Ken Zheng

Ken Zheng - President

**QUALIFIERS**

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

**ABBREVIATIONS**

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**2303-00176**

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

| | |
|---|---|
| **Date Reported** | **03/30/2023** |
| **Date Received** | **03/28/2023** |
| **Date Sampled** | **03/28/2023** |
| **Invoice No.** | **97704** |
| **Customer #** | **1558** |
| **Customer P.O.** | **S-3597-04T** |

**Method #** EPA 8260B
**QC Reference #** 108600 **Date Analyzed:** 3/28/2023 **Technician:** IG
**Samples** 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018

### Results

| | LCS %REC | LCS %DUP | LCS %RPD | BLKSRR% REC |
|---|---|---|---|---|
| 1,1-Dichloroethene | 90 | 88 | 1.6 | |
| Benzene | 101 | 97 | 3.8 | |
| Bromofluorobenzene | | | | 99 |
| Chlorobenzene | 112 | 106 | 4.9 | |
| Dibromofluoromethan | | | | 108 |
| Toluene | 106 | 102 | 4.0 | |
| Toluene-D8 | | | | 106 |
| Trichloroethene | 96 | 92 | 4.1 | |

### Control Ranges

| LCS %REC | LCS %RPD | BLKSRR%REC |
|---|---|---|
| 70 - 130 | 0 - 25 | |
| 70 - 130 | 0 - 25 | |
| | | 50 - 150 |
| 70 - 130 | 0 - 25 | |
| | | 50 - 150 |
| 70 - 130 | 0 - 25 | |
| | | 50 - 150 |
| 70 - 130 | 0 - 25 | |

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**

**Date Reported** 03/30/2023
**Date Received** 03/28/2023
**Date Sampled** 03/28/2023

## Project: 2200 N. Rosemead Blvd., S. El Monte, CA

### Method blank results

| Ref | Test Name | Result | Qualif | Units | MDL |
|---|---|---|---|---|---|
| 108600 | Acetone | <0.1250 | | µg/L | 0.1250 |
| | Benzene | <0.0060 | | µg/L | 0.0060 |
| | Bromobenzene | <0.0125 | | µg/L | 0.0125 |
| | Bromochloromethane | <0.0125 | | µg/L | 0.0125 |
| | Bromodichloromethane | <0.0125 | | µg/L | 0.0125 |
| | Bromoform | <0.0125 | | µg/L | 0.0125 |
| | Bromomethane | <0.0125 | | µg/L | 0.0125 |
| | 2-Butanone (MEK) | <0.1250 | | µg/L | 0.1250 |
| | n-Butylbenzene | <0.0125 | | µg/L | 0.0125 |
| | sec-Butylbenzene | <0.0125 | | µg/L | 0.0125 |
| | tert-Butylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Carbon Disulfide | <0.1250 | | µg/L | 0.1250 |
| | Carbon Tetrachloride | <0.0063 | | µg/L | 0.0063 |
| | Chlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | Chloroethane | <0.0125 | | µg/L | 0.0125 |
| | Chloroform | <0.0078 | | µg/L | 0.0078 |
| | Chloromethane | <0.0125 | | µg/L | 0.0125 |
| | 2-Chlorotoluene | <0.0125 | | µg/L | 0.0125 |
| | 4-Chlorotoluene | <0.0125 | | µg/L | 0.0125 |
| | Dibromochloromethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dibromoethane (EDB) | <0.0031 | | µg/L | 0.0031 |
| | 1,2-Dibromo-3-Chloropropane | <0.0125 | | µg/L | 0.0125 |
| | Dibromomethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,3-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,4-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | Dichlorodifluoromethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1-Dichloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dichloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1-Dichloroethene | <0.0125 | | µg/L | 0.0125 |
| | cis-1,2-Dichloroethene | <0.0125 | | µg/L | 0.0125 |
| | trans-1,2-Dichloroethene | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dichloropropane | <0.0125 | | µg/L | 0.0125 |
| | 1,3-Dichloropropane | <0.0125 | | µg/L | 0.0125 |
| | 2,2-Dichloropropane | <0.0125 | | µg/L | 0.0125 |
| | 1,1-Dichloropropene | <0.0125 | | µg/L | 0.0125 |
| | cis-1,3-Dichloropropene | <0.0125 | | µg/L | 0.0125 |
| | trans-1,3-Dichloropropene | <0.0125 | | µg/L | 0.0125 |
| | Ethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Hexachlorobutadiene | <0.0125 | | µg/L | 0.0125 |
| | 2-Hexanone | <0.1250 | | µg/L | 0.1250 |
| | Isopropylbenzene | <0.0125 | | µg/L | 0.0125 |
| | 4-Isopropyltoluene | <0.0125 | | µg/L | 0.0125 |
| | Methylene Chloride | <0.0125 | | µg/L | 0.0125 |
| | 4-Methyl-2-Pentanone (MIBK) | <0.1250 | | µg/L | 0.1250 |
| | Methyl-t-butyl Ether (MtBE) | <0.0125 | | µg/L | 0.0125 |
| | Naphthalene | <0.0063 | | µg/L | 0.0063 |
| | n-Propylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Styrene | <0.0125 | | µg/L | 0.0125 |
| | 1,1,1,2-Tetrachloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1,2,2-Tetrachloroethane | <0.0125 | | µg/L | 0.0125 |
| | Tetrachloroethene | <0.0125 | | µg/L | 0.0125 |
| | Toluene | <0.0125 | | µg/L | 0.0125 |
| | 1,2,3-Trichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,2,4-Trichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,1,1-Trichloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1,2-Trichloroethane | <0.0125 | | µg/L | 0.0125 |
| | Trichloroethene | <0.0125 | | µg/L | 0.0125 |
| | 1,2,3-Trichloropropane | <0.0050 | | µg/L | 0.0050 |
| | Trichlorofluoromethane | <0.0125 | | µg/L | 0.0125 |
| | Trichlorotrifluoroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2,4-Trimethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,3,5-Trimethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Vinyl Chloride | <0.0006 | | µg/L | 0.0006 |
| | m,p-Xylenes | <0.0250 | | µg/L | 0.0250 |
| | o-Xylene | <0.0125 | | µg/L | 0.0125 |
| | Isopropanol (IPA) | <0.1250 | | µg/L | 0.1250 |

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**2303-00176**

**EEC ENVIRONMENTAL**
**BINA PATEL**

| | |
|---|---|
| **Date Reported** | **03/30/2023** |
| **Date Received** | **03/28/2023** |
| **Date Sampled** | **03/28/2023** |

**Project: 2200 N. Rosemead Blvd., S. El Monte, CA**

***Respectfully Submitted:*** Ken Zheng

Ken Zheng - President

# ARL

**A & R Laboratories**
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

# CHAIN OF CUSTODY

S-3597.04T

A & R Work Order #: 2303-176



Client Name: EEC ENVIRONMENTAL

E-mail:

Address: ONE CITY BLVD WEST, STE 1800, ORANGE, CA 92868
bpatel@eecenvironmental.com

Report Attention: BINA P.

Phone #: 714-667-2300
Fax: #

Sampled By: IG

☐ Chilled ☒ Intact ☐ Seal

Project No./ Name:

Project Site: 2200 N. Rosemead Blvd., S. El Monte, CA

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal

mobile

| Lab # (Lab use) | Client Sample ID | Sample Collection Date | Sample Collection Time | Matrix Type | Sample Preserve | No., type* & size of container | EPA8260B (VOCs & Oxygenates) | EPA8260B(BTEX & Oxygenates) | 8260B / 8015 (Gasoline) | 8015 (Diesel) | EPA8081A (Organochlorine Pesticides) | EPA 8082 (PCBs) | EPA 8015M (Carbon Chain C4-C40) | EPA 6010B/7000 (CAM 17 Metals) | Micro: Plate Cnt., Coliform, E-Coli | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HP-1-30 | 3/28/23 | 7:53 | AIR | | 250 mL G | X | | | | | | | | | 3X purge volume |
| 2 | HP-1-40 | | 8:15 | | | | | | | | | | | | | |
| 3 | HP-2-30 | | 8:37 | | | | | | | | | | | | | |
| 4 | HP-2-40 | | 9:00 | | | | | | | | | | | | | reportin ug/m3 |
| 5 | HP-3-30 | | 9:22 | | | | | | | | | | | | | |
| 6 | HP-3-40 | | 9:45 | | | | | | | | | | | | | |
| 7/8 | HP-4-5/DUP | | 10:08 | | | | | | | | | | | | | |
| 9 | 8 HP-4-15 | | 10:31 | | | | | | | | | | | | | |
| 10 | 9 HP-4-30 | | 11:15 | | | | | | | | | | | | | |
| 11 | 10 HP-4-40 | | 11:59 | | | | | | | | | | | | | |
| 12 | 11 HP-12-5 | | 12:21 | | | | | | | | | | | | | |
| 13 | 12 HP-12-15 | | 12:43 | | | | | | | | | | | | | |
| 14 | 13 HP-15-15 | | 13:05 | | | | | | | | | | | | | |
| 15 | 14 LV-5-20 | | 13:27 | | | | | | | | | | | | | |
| 16 | 15 HP-5-5 | | 13:49 | | | | | | | | | | | | | |

| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |
|---|---|---|---|---|---|---|---|
| [signature] | EEC | 3/29/23 | 1505 | Isabella Bulla | A&R | 3/28/23 | 15:05 |
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=$HNO_3$; SH=NaOH; ST=$Na_2S_2O_3$; HS=$H_2SO_4$

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

ARL
A & R Laboratories
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

# CHAIN OF CUSTODY

S.3597.04T

A & R Work Order #: 2303-176



Client Name: EEC ENVIRONMENTAL
E-mail: bpatel@eecenvironmental.com
Address: ONE CITY BLVD.WEST, STE.1800, ORANGE, CA 92868
Report Attention: BINA P. | Phone # 714.667.2300 | Fax: #
Sampled By: IG
☐ Chilled ☒ Intact ☐ Seal
Project No./ Name:
Project Site: 2200 N. Rosemead Blvd., S. El Monte, CA

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☐ Normal mobile

| Lab # (Lab use) | Client Sample ID | Sample Collection Date | Sample Collection Time | Matrix Type | Sample Preserve | No., type* & size of container | EPA8260B (VOCs & Oxygenates) | EPA8260B(BTEX & Oxygenates) | 8260B / 8015 (Gasoline) | 8015 (Diesel) | EPA8081A (Organochlorine Pesticides) | EPA 8082 (PCBs) | EPA 8015M (Carbon Chain C4-C40) | EPA 6010B/7000 (CAM 17 Metals) | Micro: Plate Cnt., Coliform, E-Coli | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | HP-13-5 | 3/28/23 | 14:11 | AIR | | 250mL G | X | | | | | | | | | 3X purge volume |
| 18 | LV-3-10 | ↓ | 14:33 | ↓ | | ↓ | ↓ | | | | | | | | | report in ug/m3 |

| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |
|---|---|---|---|---|---|---|---|
| [signature] | EEC | 3/29/23 | 1505 | [signature] | A&R | 3/28/23 | 15:05 |
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=$HNO_3$; SH=NaOH; ST=$Na_2S_2O_3$; HS=$H_2SO_4$

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CASE NARRATIVE

| | |
|---|---|
| Authorized Signature Name / Title (print) | Ken Zheng, President |
| Signature / Date | Ken Zheng, President 04/12/2023 12:52:24 |
| Laboratory Job No. (Certificate of Analysis No.) | 2304-00094 |
| Project Name / No. | ROSEMEAD SOIL VAPOR ASSESSMENT S-3597.04T |
| Dates Sampled (from/to) | 04/10/23 To 04/10/23 |
| Dates Received (from/to) | 04/10/23 To 04/10/23 |
| Dates Reported (from/to) | 04/11/23 To 4/12/2023 |
| Chains of Custody Received | Yes |

Comments:

**Subcontracting**

Organic Analyses

No analyses sub-contracted

**Sample Condition(s)**

All samples intact

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2304-00094**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: ROSEMEAD SOIL VAPOR ASSESSMENT**

| | |
|---|---|
| Date Reported | 04/11/23 |
| Date Received | 04/10/23 |
| Invoice No. | 97832 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 001 **HP-4-40** Date & Time Sampled: 04/10/23 @ 13:45
Sample Matrix: **Air**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | <6.0 | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | <7.8 | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | <3.1 | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,1-Dichloroethane | **0.66** | 0.0125 | 0.025 | µg/L | **660** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2304-00094

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: ROSEMEAD SOIL VAPOR ASSESSMENT**

| | |
|---|---|
| Date Reported | 04/11/23 |
| Date Received | 04/10/23 |
| Invoice No. | 97832 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 001 **HP-4-40** Date & Time Sampled: 04/10/23 @ 13:45
Sample Matrix: **Air**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | **1.0** | 0.0125 | 0.025 | µg/L | **1,000** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| trans-1,2-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Ethylbenzene | **0.030** | 0.0125 | 0.025 | µg/L | **30** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | <12.5 | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Methyl-t-butyl Ether (MtBE) | **0.10** | 0.0125 | 0.025 | µg/L | **100** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | <6.3 | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Tetrachloroethene | **0.040** | 0.0125 | 0.025 | µg/L | **40** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Toluene | **0.49** | 0.0125 | 0.025 | µg/L | **490** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Trichloroethene | **0.14** | 0.0125 | 0.025 | µg/L | **140** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | <5.0 | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

**2304-00094**

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: ROSEMEAD SOIL VAPOR ASSESSMENT**

| | |
|---|---|
| Date Reported | 04/11/23 |
| Date Received | 04/10/23 |
| Invoice No. | 97832 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 001 **HP-4-40** Date & Time Sampled: 04/10/23 @ 13:45
Sample Matrix: **Air**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | ***0.020*** | 0.0125 | 0.025 | µg/L | ***20*** | 12.5 | 25 | µg/m3 | J | 0.25 | EPA 8260B | 04/10/23 | IG |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| Vinyl Chloride | ***0.012*** | 0.0006 | 0.013 | µg/L | ***12*** | 0.6 | 13 | µg/m3 | J | 0.25 | EPA 8260B | 04/10/23 | IG |
| m,p-Xylenes | **0.13** | 0.025 | 0.050 | µg/L | **130** | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | <125.0 | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/10/23 | IG |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 117 | | 70-130 | %REC | | | | | | | EPA 8260B | 04/10/23 | IG |
| Toluene-D8 | 101 | | 70-130 | %REC | | | | | | | EPA 8260B | 04/10/23 | IG |
| Bromofluorobenzene | 93 | | 70-130 | %REC | | | | | | | EPA 8260B | 04/10/23 | IG |

***Respectfully Submitted:*** Ken Zheng

Ken Zheng - President

**QUALIFIERS**

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

**ABBREVIATIONS**

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**2304-00094**

| | |
|---|---|
| **Date Reported** | **04/11/2023** |
| **Date Received** | **04/10/2023** |
| **Date Sampled** | **04/10/2023** |
| **Invoice No.** | **97832** |
| **Customer #** | **1558** |
| **Customer P.O.** | **S-3597.04T** |

**Project: ROSEMEAD SOIL VAPOR ASSESSMENT**

**Method #** EPA 8260B
**QC Reference #** 108844 **Date Analyzed:** 4/10/2023 **Technician:** IG
**Samples** 001

### Results

| | LCS %REC | LCS %DUP | LCS %RPD | BLKSRR% REC |
|---|---|---|---|---|
| 1,1-Dichloroethene | 70 | 74 | 5.6 | |
| Benzene | 70 | 77 | 10.0 | |
| Bromofluorobenzene | | | | 87 |
| Chlorobenzene | 75 | 82 | 8.9 | |
| Dibromofluoromethan | | | | 110 |
| Toluene | 74 | 79 | 6.6 | |
| Toluene-D8 | | | | 96 |
| Trichloroethene | 75 | 80 | 6.7 | |

### Control Ranges

| LCS %REC | LCS %RPD | BLKSRR%REC |
|---|---|---|
| 70 - 130 | 0 - 25 | |
| 70 - 130 | 0 - 25 | |
| | | 50 - 150 |
| 70 - 130 | 0 - 25 | |
| | | 50 - 150 |
| 70 - 130 | 0 - 25 | |
| | | 50 - 150 |
| 70 - 130 | 0 - 25 | |

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**2304-00094**

**EEC ENVIRONMENTAL**
**BINA PATEL**

**Date Reported** 04/11/2023
**Date Received** 04/10/2023
**Date Sampled** 04/10/2023

## Project: ROSEMEAD SOIL VAPOR ASSESSMENT

### Method blank results

| Ref | Test Name | Result | Qualif | Units | MDL | Ref | Test Name | Result | Qualif | Units | MDL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 108844 | Acetone | <0.1250 | | µg/L | 0.1250 | | Methyl-t-butyl Ether (MtBE) | <0.0125 | | µg/L | 0.0125 |
| | Benzene | <0.0060 | | µg/L | 0.0060 | | Naphthalene | <0.0063 | | µg/L | 0.0063 |
| | Bromobenzene | <0.0125 | | µg/L | 0.0125 | | n-Propylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Bromochloromethane | <0.0125 | | µg/L | 0.0125 | | Styrene | <0.0125 | | µg/L | 0.0125 |
| | Bromodichloromethane | <0.0125 | | µg/L | 0.0125 | | 1,1,1,2-Tetrachloroethane | <0.0125 | | µg/L | 0.0125 |
| | Bromoform | <0.0125 | | µg/L | 0.0125 | | 1,1,2,2-Tetrachloroethane | <0.0125 | | µg/L | 0.0125 |
| | Bromomethane | <0.0125 | | µg/L | 0.0125 | | Tetrachloroethene | <0.0125 | | µg/L | 0.0125 |
| | 2-Butanone (MEK) | <0.1250 | | µg/L | 0.1250 | | Toluene | <0.0125 | | µg/L | 0.0125 |
| | n-Butylbenzene | <0.0125 | | µg/L | 0.0125 | | 1,2,3-Trichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | sec-Butylbenzene | <0.0125 | | µg/L | 0.0125 | | 1,2,4-Trichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | tert-Butylbenzene | <0.0125 | | µg/L | 0.0125 | | 1,1,1-Trichloroethane | <0.0125 | | µg/L | 0.0125 |
| | Carbon Disulfide | <0.1250 | | µg/L | 0.1250 | | 1,1,2-Trichloroethane | <0.0125 | | µg/L | 0.0125 |
| | Carbon Tetrachloride | <0.0063 | | µg/L | 0.0063 | | Trichloroethene | <0.0125 | | µg/L | 0.0125 |
| | Chlorobenzene | <0.0125 | | µg/L | 0.0125 | | 1,2,3-Trichloropropane | <0.0050 | | µg/L | 0.0050 |
| | Chloroethane | <0.0125 | | µg/L | 0.0125 | | Trichlorofluoromethane | <0.0125 | | µg/L | 0.0125 |
| | Chloroform | <0.0078 | | µg/L | 0.0078 | | Trichlorotrifluoroethane | <0.0125 | | µg/L | 0.0125 |
| | Chloromethane | <0.0125 | | µg/L | 0.0125 | | 1,2,4-Trimethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | 2-Chlorotoluene | <0.0125 | | µg/L | 0.0125 | | 1,3,5-Trimethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | 4-Chlorotoluene | <0.0125 | | µg/L | 0.0125 | | Vinyl Chloride | <0.0006 | | µg/L | 0.0006 |
| | Dibromochloromethane | <0.0125 | | µg/L | 0.0125 | | m,p-Xylenes | <0.0250 | | µg/L | 0.0250 |
| | 1,2-Dibromoethane (EDB) | <0.0031 | | µg/L | 0.0031 | | o-Xylene | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dibromo-3-Chloropropane | <0.0125 | | µg/L | 0.0125 | | Isopropanol (IPA) | <0.1250 | | µg/L | 0.1250 |
| | Dibromomethane | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 1,2-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 1,3-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 1,4-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | Dichlorodifluoromethane | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 1,1-Dichloroethane | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 1,2-Dichloroethane | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 1,1-Dichloroethene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | cis-1,2-Dichloroethene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | trans-1,2-Dichloroethene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 1,2-Dichloropropane | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 1,3-Dichloropropane | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 2,2-Dichloropropane | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 1,1-Dichloropropene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | cis-1,3-Dichloropropene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | trans-1,3-Dichloropropene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | Ethylbenzene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | Hexachlorobutadiene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 2-Hexanone | <0.1250 | | µg/L | 0.1250 | | | | | | |
| | Isopropylbenzene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 4-Isopropyltoluene | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | Methylene Chloride | <0.0125 | | µg/L | 0.0125 | | | | | | |
| | 4-Methyl-2-Pentanone (MIBK) | <0.1250 | | µg/L | 0.1250 | | | | | | |

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**2304-00094**

**EEC ENVIRONMENTAL**
**BINA PATEL**

| | |
|---|---|
| **Date Reported** | **04/11/2023** |
| **Date Received** | **04/10/2023** |
| **Date Sampled** | **04/10/2023** |

**Project: ROSEMEAD SOIL VAPOR ASSESSMENT**

***Respectfully Submitted:*** Ken Zheng

Ken Zheng - President

# AR LABORATORIES, Inc.

1650 S. Grove Ave Suite C
Ontario, CA 91761
909-781-6335
office@arlaboratories.com

## Chain of Custody Record

AR Lab Job # 2304-94

RUSH



| Project No: | Project Name: |
|---|---|
| S-3597.04T | Rosemead Soil Vapor Assessment |

| Project Manager: | Phone: | Fax: |
|---|---|---|
| Bina Patel | (714)667-2300 | (714)667-2310 |

| Client Name: (Report and Billing) | Address: (Report and Billing) |
|---|---|
| EEC ENVIRONMENTAL | ONE CITY BLVD. WEST STE. 1800 ORANGE, CA 92868 |

Please Circle Analyses Requested

| Centrum ID (Lab use only) | Sample ID (As it should appear on report) | Date sampled | Time sampled | Sample matrix | Site location | Containers: # and type | 8015M: Diesel, Fuel Screen, Carbon Chain | 8015M: Gas only | 8021B: BTEX/MtBE Only | 418.1 (TRPH), 413.2, 1664 | | GC or GCMS Volatiles by 5035* | GCMS: 8260B, 8021B, 624, 524.2 | GCMS: MtBE Conf. Only, BTEX/Oxygenates Only | GCMS: 8270C, 625 | 8080: Pesticides, PCBs, Pest/PCB | | Metals: Title 22 (CAM), RCRA, PP | pH, TDS, TSS, Conductivity | Flashpoint, Hex Cr | | Remarks/Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HP-4-40 | 4/10/23 | 1345 | A | HP-4-40 | tedlar | | | | | | | X | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

Turn-Around Time

- [x] 24 Hr. RUSH*
- [ ] 48 Hr. RUSH*
- [ ] Normal TAT

*Requires PRIOR approval, additional charges apply

Requested due date: 4/11

| 1) Relinquished by: (Sampler's Signature) | Date: | Time: | 3) Relinquished by: | Date: | Time: |
|---|---|---|---|---|---|
| | 4/10 | 1449 | | | |
| 2) Received by: | Date: | Time: | 4) Received by: | Date: | Time: |
| | 4/10/23 | 1449 | | | |
| | | | 5) Relinquished by: | Date: | Time: |
| | | | 6) Received ~~for Laboratory~~ by: | Date: | Time: |

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by Laboratory personnel:

Samples chilled? ☐ Yes ☒ No ☐ From Field

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☐ Courier ☐ UPS/Fed Ex ☒ Hand carried

Sample Disposal

- [ ] Client will pick up
- [ ] Return to client
- [x] Lab disposal

Laboratory Notes:

Sample Locator No.

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Centrum duplicate Gold Copy - Client Copy

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CASE NARRATIVE

| | |
|---|---|
| Authorized Signature Name / Title (print) | Ken Zheng, President |
| Signature / Date | Ken Zheng, President 04/14/2023 13:02:18 |
| Laboratory Job No. (Certificate of Analysis No.) | 2304-00115 |
| Project Name / No. | 2200 N. ROSEMEAD BLVD., SOUTH EL MONTE, CA S-3597.04T |
| Dates Sampled (from/to) | 04/13/23 To 04/13/23 |
| Dates Received (from/to) | 04/13/23 To 04/13/23 |
| Dates Reported (from/to) | 04/14/23 To 4/14/2023 |
| Chains of Custody Received | Yes |

Comments:

**Subcontracting**

Organic Analyses

No analyses sub-contracted

**Sample Condition(s)**

All samples intact

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2304-00115

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. ROSEMEAD BLVD., SOUTH EL MONTE, CA**

| | |
|---|---|
| Date Reported | 04/14/23 |
| Date Received | 04/13/23 |
| Invoice No. | 97861 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 001 **HP-4-40** Date & Time Sampled: 04/13/23 @ 9:52
Sample Matrix: **Air**

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [VOCs by GCMS] | | | | | | | | | | | | | |
| Acetone | <0.1250 | 0.125 | 0.25 | µg/L | | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Benzene | <0.0060 | 0.006 | 0.025 | µg/L | | 6.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Bromobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Bromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Bromodichloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Bromoform | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Bromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 2-Butanone (MEK) | <0.1250 | 0.125 | 0.25 | µg/L | | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| n-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| sec-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| tert-Butylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Carbon Disulfide | <0.1250 | 0.125 | 0.25 | µg/L | | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Carbon Tetrachloride | <0.0063 | 0.00625 | 0.013 | µg/L | | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Chlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Chloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Chloroform | <0.0078 | 0.00775 | 0.025 | µg/L | | 7.8 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Chloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 2-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 4-Chlorotoluene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Dibromochloromethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,2-Dibromoethane (EDB) | <0.0031 | 0.003125 | 0.025 | µg/L | | 3.1 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,2-Dibromo-3-Chloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Dibromomethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,2-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,3-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,4-Dichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Dichlorodifluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,1-Dichloroethane | **0.83** | 0.0125 | 0.025 | µg/L | **830** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,2-Dichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,1-Dichloroethene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |


The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2304-00115

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. ROSEMEAD BLVD., SOUTH EL MONTE, CA**

| | |
|---|---|
| Date Reported | 04/14/23 |
| Date Received | 04/13/23 |
| Invoice No. | 97861 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 001 **HP-4-40** Date & Time Sampled: 04/13/23 @ 9:52
Sample Matrix: **Air**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | **1.3** | 0.0125 | 0.025 | µg/L | **1,300** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| trans-1,2-Dichloroethene | **0.030** | 0.0125 | 0.025 | µg/L | **30** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,3-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 2,2-Dichloropropane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,1-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| cis-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| trans-1,3-Dichloropropene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Ethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Hexachlorobutadiene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 2-Hexanone | <0.1250 | 0.125 | 0.25 | µg/L | | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Isopropylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 4-Isopropyltoluene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Methylene Chloride | <0.0125 | 0.0125 | 0.03 | µg/L | | 12.5 | 30 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 4-Methyl-2-Pentanone (MIBK) | <0.1250 | 0.125 | 0.25 | µg/L | | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Methyl-t-butyl Ether (MtBE) | **0.15** | 0.0125 | 0.025 | µg/L | **150** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Naphthalene | <0.0063 | 0.00625 | 0.013 | µg/L | | 6.3 | 13 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| n-Propylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Styrene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,1,1,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,1,2,2-Tetrachloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Tetrachloroethene | **0.030** | 0.0125 | 0.025 | µg/L | **30** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Toluene | **0.060** | 0.0125 | 0.025 | µg/L | **60** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,2,3-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,2,4-Trichlorobenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,1,1-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,1,2-Trichloroethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Trichloroethene | **0.18** | 0.0125 | 0.025 | µg/L | **180** | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,2,3-Trichloropropane | <0.0050 | 0.005 | 0.025 | µg/L | | 5.0 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Trichlorofluoromethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Trichlorotrifluoroethane | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTARIO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

## 2304-00115

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**Project: 2200 N. ROSEMEAD BLVD., SOUTH EL MONTE, CA**

| | |
|---|---|
| Date Reported | 04/14/23 |
| Date Received | 04/13/23 |
| Invoice No. | 97861 |
| Cust # | 1558 |
| Permit Number | |
| Customer P.O. | S-3597.04T |

Sample: 001 **HP-4-40** Date & Time Sampled: 04/13/23 @ 9:52
Sample Matrix: **Air**
.....continued

| Analysis | Result | MDL | RL | Units | Result | MDL | RL | Units | Qual | DF | Method | Date | Tech |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| 1,3,5-Trimethylbenzene | <0.0125 | 0.0125 | 0.025 | µg/L | | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Vinyl Chloride | **0.040** | 0.0006 | 0.013 | µg/L | **40** | 0.6 | 13 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| m,p-Xylenes | <0.0250 | 0.025 | 0.050 | µg/L | <25.0 | 25.0 | 50 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| o-Xylene | <0.0125 | 0.0125 | 0.025 | µg/L | <12.5 | 12.5 | 25 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| [VOC Vapor Sampling Tracer] | | | | | | | | | | | | | |
| Isopropanol (IPA) | <0.1250 | 0.125 | 0.25 | µg/L | | 125.0 | 250 | µg/m3 | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| [VOC Surrogates] | | | | | | | | | | | | | |
| Dibromofluoromethane | 125 | | 70-130 | %REC | | | | | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Toluene-D8 | 102 | | 70-130 | %REC | | | | | | 0.25 | EPA 8260B | 04/13/23 | JEN |
| Bromofluorobenzene | 102 | | 70-130 | %REC | | | | | | 0.25 | EPA 8260B | 04/13/23 | JEN |

***Respectfully Submitted:*** Ken Zheng

Ken Zheng - President

**QUALIFIERS**

B = Detected in the associated Method Blank at a concentration above the routine RL
B1= BOD blank is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution
E = Estimated value
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference
J = Analyte concentration detected between RL and MDL

**ABBREVIATIONS**

DF = Dilution Factor
RL = Reporting Limit
MDL = Method Detection Limit
Qual = Qualifier
Tech = Technician

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**EEC ENVIRONMENTAL**
**BINA PATEL**
**ONE CITY BOULEVARD WEST**
**SUITE 1800**
**ORANGE, CA 92868**

**2304-00115**

| | |
|---|---|
| **Date Reported** | **04/14/2023** |
| **Date Received** | **04/13/2023** |
| **Date Sampled** | **04/13/2023** |
| **Invoice No.** | **97861** |
| **Customer #** | **1558** |
| **Customer P.O.** | **S-3597.04T** |

**Project: 2200 N. ROSEMEAD BLVD., SOUTH EL MONTE, CA**

**Method #** **EPA 8260B**

**QC Reference #** 108920 **Date Analyzed:** 4/13/2023 **Technician:** JEN

**Samples** 001

| Results | LCS %REC | Control Ranges LCS %REC |
|---|---|---|
| 1,1-Dichloroethene | 70 | 70 - 130 |
| Benzene | 104 | 70 - 130 |
| Chlorobenzene | 115 | 70 - 130 |
| Toluene | 109 | 70 - 130 |
| Trichloroethene | 117 | 70 - 130 |

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**2304-00115**

**EEC ENVIRONMENTAL**
**BINA PATEL**

**Date Reported** 04/14/2023
**Date Received** 04/13/2023
**Date Sampled** 04/13/2023

## Project: 2200 N. ROSEMEAD BLVD., SOUTH EL MONTE, CA

### Method blank results

| Ref | Test Name | Result | Qualif | Units | MDL |
|---|---|---|---|---|---|
| 108920 | Acetone | <0.1250 | | µg/L | 0.1250 |
| | Benzene | <0.0060 | | µg/L | 0.0060 |
| | Bromobenzene | <0.0125 | | µg/L | 0.0125 |
| | Bromochloromethane | <0.0125 | | µg/L | 0.0125 |
| | Bromodichloromethane | <0.0125 | | µg/L | 0.0125 |
| | Bromoform | <0.0125 | | µg/L | 0.0125 |
| | Bromomethane | <0.0125 | | µg/L | 0.0125 |
| | 2-Butanone (MEK) | <0.1250 | | µg/L | 0.1250 |
| | n-Butylbenzene | <0.0125 | | µg/L | 0.0125 |
| | sec-Butylbenzene | <0.0125 | | µg/L | 0.0125 |
| | tert-Butylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Carbon Disulfide | <0.1250 | | µg/L | 0.1250 |
| | Carbon Tetrachloride | <0.0063 | | µg/L | 0.0063 |
| | Chlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | Chloroethane | <0.0125 | | µg/L | 0.0125 |
| | Chloroform | <0.0078 | | µg/L | 0.0078 |
| | Chloromethane | <0.0125 | | µg/L | 0.0125 |
| | 2-Chlorotoluene | <0.0125 | | µg/L | 0.0125 |
| | 4-Chlorotoluene | <0.0125 | | µg/L | 0.0125 |
| | Dibromochloromethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dibromoethane (EDB) | <0.0031 | | µg/L | 0.0031 |
| | 1,2-Dibromo-3-Chloropropane | <0.0125 | | µg/L | 0.0125 |
| | Dibromomethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,3-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,4-Dichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | Dichlorodifluoromethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1-Dichloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dichloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1-Dichloroethene | <0.0125 | | µg/L | 0.0125 |
| | cis-1,2-Dichloroethene | <0.0125 | | µg/L | 0.0125 |
| | trans-1,2-Dichloroethene | <0.0125 | | µg/L | 0.0125 |
| | 1,2-Dichloropropane | <0.0125 | | µg/L | 0.0125 |
| | 1,3-Dichloropropane | <0.0125 | | µg/L | 0.0125 |
| | 2,2-Dichloropropane | <0.0125 | | µg/L | 0.0125 |
| | 1,1-Dichloropropene | <0.0125 | | µg/L | 0.0125 |
| | cis-1,3-Dichloropropene | <0.0125 | | µg/L | 0.0125 |
| | trans-1,3-Dichloropropene | <0.0125 | | µg/L | 0.0125 |
| | Ethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Hexachlorobutadiene | <0.0125 | | µg/L | 0.0125 |
| | 2-Hexanone | <0.1250 | | µg/L | 0.1250 |
| | Isopropylbenzene | <0.0125 | | µg/L | 0.0125 |
| | 4-Isopropyltoluene | <0.0125 | | µg/L | 0.0125 |
| | Methylene Chloride | <0.0125 | | µg/L | 0.0125 |
| | 4-Methyl-2-Pentanone (MIBK) | <0.1250 | | µg/L | 0.1250 |
| | Methyl-t-butyl Ether (MtBE) | <0.0125 | | µg/L | 0.0125 |
| | Naphthalene | <0.0063 | | µg/L | 0.0063 |
| | n-Propylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Styrene | <0.0125 | | µg/L | 0.0125 |
| | 1,1,1,2-Tetrachloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1,2,2-Tetrachloroethane | <0.0125 | | µg/L | 0.0125 |
| | Tetrachloroethene | <0.0125 | | µg/L | 0.0125 |
| | Toluene | <0.0125 | | µg/L | 0.0125 |
| | 1,2,3-Trichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,2,4-Trichlorobenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,1,1-Trichloroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,1,2-Trichloroethane | <0.0125 | | µg/L | 0.0125 |
| | Trichloroethene | <0.0125 | | µg/L | 0.0125 |
| | 1,2,3-Trichloropropane | <0.0050 | | µg/L | 0.0050 |
| | Trichlorofluoromethane | <0.0125 | | µg/L | 0.0125 |
| | Trichlorotrifluoroethane | <0.0125 | | µg/L | 0.0125 |
| | 1,2,4-Trimethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | 1,3,5-Trimethylbenzene | <0.0125 | | µg/L | 0.0125 |
| | Vinyl Chloride | <0.0006 | | µg/L | 0.0006 |
| | m,p-Xylenes | <0.0250 | | µg/L | 0.0250 |
| | o-Xylene | <0.0125 | | µg/L | 0.0125 |
| | Isopropanol (IPA) | <0.1250 | | µg/L | 0.1250 |

# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C
ONTAIRO, CA 91761
909-781-6335
www.arlaboratories.com office@arlaboratories.com


CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## QUALITY CONTROL DATA REPORT

**2304-00115**

**EEC ENVIRONMENTAL**
**BINA PATEL**

| | |
|---|---|
| **Date Reported** | **04/14/2023** |
| **Date Received** | **04/13/2023** |
| **Date Sampled** | **04/13/2023** |

**Project: 2200 N. ROSEMEAD BLVD., SOUTH EL MONTE, CA**

***Respectfully Submitted:*** Ken Zheng

Ken Zheng - President

# CHAIN OF CUSTODY

**A & R Laboratories**
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

A & R Work Order #: 2304-115

Page 1 of 1

Client Name: EEC Environmental
E-mail: bpatel@eecenvironmental.com
Address: one city Blvd West, Ste 1800, Orange, CA 92868
Report Attention: Bino Patel
Phone #: 714-667-2300
Fax: #—
Sampled By: B. Patel
Project No./ Name: S-3597.04T
Project Site: 2200 N. Rosemead Blvd, South El Monte, CA

☐ Chilled
☒ Intact
☑ Seal

Turn Around Time Requested: ☑ Rush 8 12 (24) 48 Hours ☐ Normal

| Lab # (Lab use) | Client Sample ID | Sample Collection Date | Sample Collection Time | Matrix Type | Sample Preserve | No., type* & size of container | EPA8260B (VOCs & Oxygenates) | EPA8260B(BTEX & Oxygenates) | 8260B / 8015 (Gasoline) | 8015 (Diesel) | EPA8081A (Organochlorine Pesticides) | EPA 8082 (PCBs) | EPA 8015M (Carbon Chain C4-C40) | EPA 6010B/7000 (CAM 17 Metals) | Micro: Plate Cnt., Coliform, E-Coli | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HP-4-40 | 4/13/23 | 0952 | Air/SV | — | 1x tedlar | X | | | | | | | | | |

RUSH

| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |
|---|---|---|---|---|---|---|---|
| [signature] | EEC | 4/13/23 | 1041 | [signature] | A&R | 4/13/23 | 10:41 |
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water; GW=Ground Water; WW=Waste Water; SD=Solid Waste; SL=Sludge; SS=Soil/Sediment; AR=Air; PP=Pure Product

Preservative Code: IC=Ice; HC=HCl; HN=$HNO_3$; SH=NaOH; ST=$Na_2S_2O_3$; HS=$H_2SO_4$

* Sample Container Types: T=Tedlar Air Bag; G=Glass Container; ST= Steel Tube; B= Brass Tube; P=Plastic Bottle; V=VOA Vial; E= EnCore

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Bina Patel
EEC Environmental
One City Blvd
Suite 1800
Orange, California 92868

Generated 4/14/2023 2:45:16 PM Revision 1

## JOB DESCRIPTION

S-3597.04T

## JOB NUMBER

570-134847-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.



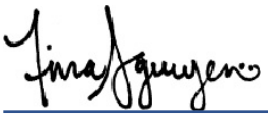
my EOL

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

## Authorization



Generated
4/14/2023 2:45:16 PM
Revision 1

Authorized for release by
Tina Nguyen, Project Manager
Tina.Nguyen@et.eurofinsus.com
(657)210-6301

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 3
Definitions/Glossary . . . . . 4
Case Narrative . . . . . 5
Detection Summary . . . . . 6
Client Sample Results . . . . . 7
Surrogate Summary . . . . . 10
QC Sample Results . . . . . 11
QC Association Summary . . . . . 19
Lab Chronicle . . . . . 20
Certification Summary . . . . . 21
Method Summary . . . . . 23
Sample Summary . . . . . 24
Chain of Custody . . . . . 25
Receipt Checklists . . . . . 27

# Definitions/Glossary

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# Case Narrative

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

## Job ID: 570-134847-1

### Laboratory: Eurofins Calscience

**Narrative**

**Job Narrative**
**570-134847-1**

**Comments**
No additional comments.

**Revision**
The report being provided is a revision of the original report sent on 4/14/2023. The report (revision 1) is being revised due to: Revised to report in ug/m3.

**Receipt**
The sample was received on 4/13/2023 11:41 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 22.0º C.

**Air Toxics**
Method 8260B: Surrogate recovery for the following sample was outside control limits: HP-4-40 (570-134847-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Detection Summary

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

## Client Sample ID: HP-4-40

## Lab Sample ID: 570-134847-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 7.7 | J | 38 | 4.4 | ug/m3 | 1 | | 8260B | Total/NA |
| 1,1-Dichloroethene | 48 | | 20 | 0.87 | ug/m3 | 1 | | 8260B | Total/NA |
| 1,2,4-Trimethylbenzene | 6.6 | J | 25 | 2.1 | ug/m3 | 1 | | 8260B | Total/NA |
| 1,2-Dichloroethane | 16 | J | 20 | 0.78 | ug/m3 | 1 | | 8260B | Total/NA |
| 1,2-Dichloropropane | 1.8 | J | 23 | 0.90 | ug/m3 | 1 | | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 1.5 | J | 25 | 1.0 | ug/m3 | 1 | | 8260B | Total/NA |
| 4-Ethyltoluene | 1.4 | J | 25 | 1.1 | ug/m3 | 1 | | 8260B | Total/NA |
| Benzene | 2.8 | J | 16 | 0.63 | ug/m3 | 1 | | 8260B | Total/NA |
| Dichlorodifluoromethane | 4.2 | J | 25 | 1.5 | ug/m3 | 1 | | 8260B | Total/NA |
| Di-isopropyl ether (DIPE) | 3.7 | J | 21 | 2.6 | ug/m3 | 1 | | 8260B | Total/NA |
| Ethanol | 23 | J | 94 | 6.1 | ug/m3 | 1 | | 8260B | Total/NA |
| Ethylbenzene | 8.2 | J | 22 | 0.90 | ug/m3 | 1 | | 8260B | Total/NA |
| Isopropanol | 10 | J | 120 | 7.8 | ug/m3 | 1 | | 8260B | Total/NA |
| Methyl tert-butyl ether | 130 | | 18 | 2.4 | ug/m3 | 1 | | 8260B | Total/NA |
| o-Xylene | 27 | | 22 | 0.89 | ug/m3 | 1 | | 8260B | Total/NA |
| m,p-Xylene | 45 | | 22 | 2.4 | ug/m3 | 1 | | 8260B | Total/NA |
| trans-1,2-Dichloroethene | 58 | | 20 | 0.89 | ug/m3 | 1 | | 8260B | Total/NA |
| tert-Butyl alcohol (TBA) | 4.2 | J | 15 | 1.6 | ug/m3 | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 50 | | 34 | 1.5 | ug/m3 | 1 | | 8260B | Total/NA |
| Toluene | 130 | | 19 | 0.80 | ug/m3 | 1 | | 8260B | Total/NA |
| Xylenes, Total | 72 | | 22 | 2.4 | ug/m3 | 1 | | 8260B | Total/NA |
| Trichloroethene | 250 | | 27 | 1.1 | ug/m3 | 1 | | 8260B | Total/NA |
| Vinyl chloride | 94 | | 13 | 0.67 | ug/m3 | 1 | | 8260B | Total/NA |
| 1,1-Dichloroethane - DL | 1200 | | 200 | 8.7 | ug/m3 | 10 | | 8260B | Total/NA |
| cis-1,2-Dichloroethene - DL | 2000 | | 200 | 9.4 | ug/m3 | 10 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: HP-4-40**
**Date Collected: 04/13/23 09:52**
**Date Received: 04/13/23 11:41**
**Sample Container: Tedlar Bag 1L**

**Lab Sample ID: 570-134847-1**
**Matrix: Air**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 27 | 1.1 | ug/m3 | | | 04/13/23 16:21 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 34 | 1.3 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **1,1,2-Trichloro-1,2,2-trifluoroethane** | **7.7** | **J** | 38 | 4.4 | ug/m3 | | | 04/13/23 16:21 | 1 |
| 1,1,2-Trichloroethane | ND | | 27 | 1.3 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **1,1-Dichloroethene** | **48** | | 20 | 0.87 | ug/m3 | | | 04/13/23 16:21 | 1 |
| 1,1-Difluoroethane | ND | | 140 | 2.0 | ug/m3 | | | 04/13/23 16:21 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 37 | 7.5 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **1,2,4-Trimethylbenzene** | **6.6** | **J** | 25 | 2.1 | ug/m3 | | | 04/13/23 16:21 | 1 |
| 1,2-Dibromoethane | ND | | 38 | 1.4 | ug/m3 | | | 04/13/23 16:21 | 1 |
| 1,2-Dichlorobenzene | ND | | 30 | 1.6 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **1,2-Dichloroethane** | **16** | **J** | 20 | 0.78 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **1,2-Dichloropropane** | **1.8** | **J** | 23 | 0.90 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **1,3,5-Trimethylbenzene** | **1.5** | **J** | 25 | 1.0 | ug/m3 | | | 04/13/23 16:21 | 1 |
| 1,3-Dichlorobenzene | ND | | 30 | 1.7 | ug/m3 | | | 04/13/23 16:21 | 1 |
| 1,4-Dichlorobenzene | ND | | 30 | 1.8 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **4-Ethyltoluene** | **1.4** | **J** | 25 | 1.1 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Benzene** | **2.8** | **J** | 16 | 0.63 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Bromodichloromethane | ND | | 34 | 1.2 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Bromoform | ND | | 52 | 1.8 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Bromomethane | ND | | 19 | 0.96 | ug/m3 | | | 04/13/23 16:21 | 1 |
| cis-1,3-Dichloropropene | ND | | 23 | 1.1 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Carbon tetrachloride | ND | | 31 | 1.0 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Chlorobenzene | ND | | 23 | 0.73 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Chloroethane | ND | | 13 | 0.77 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Chloroform | ND | | 24 | 1.1 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Chloromethane | ND | | 10 | 0.62 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Dibromochloromethane | ND | | 43 | 1.3 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Dichlorodifluoromethane** | **4.2** | **J** | 25 | 1.5 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Di-isopropyl ether (DIPE)** | **3.7** | **J** | 21 | 2.6 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Ethanol** | **23** | **J** | 94 | 6.1 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Ethylbenzene** | **8.2** | **J** | 22 | 0.90 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 21 | 2.5 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Isopropanol** | **10** | **J** | 120 | 7.8 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Methylene Chloride | ND | | 17 | 3.1 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Methyl tert-butyl ether** | **130** | | 18 | 2.4 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Naphthalene | ND | | 26 | 5.6 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **o-Xylene** | **27** | | 22 | 0.89 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **m,p-Xylene** | **45** | | 22 | 2.4 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Styrene | ND | | 21 | 2.2 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **trans-1,2-Dichloroethene** | **58** | | 20 | 0.89 | ug/m3 | | | 04/13/23 16:21 | 1 |
| trans-1,3-Dichloropropene | ND | | 23 | 1.1 | ug/m3 | | | 04/13/23 16:21 | 1 |
| tert-Amyl Methyl Ether (TAME) | ND | | 21 | 2.4 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **tert-Butyl alcohol (TBA)** | **4.2** | **J** | 15 | 1.6 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Tetrachloroethene** | **50** | | 34 | 1.5 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Toluene** | **130** | | 19 | 0.80 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Xylenes, Total** | **72** | | 22 | 2.4 | ug/m3 | | | 04/13/23 16:21 | 1 |
| **Trichloroethene** | **250** | | 27 | 1.1 | ug/m3 | | | 04/13/23 16:21 | 1 |
| Trichlorofluoromethane | ND | | 28 | 1.3 | ug/m3 | | | 04/13/23 16:21 | 1 |

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: HP-4-40**
**Date Collected: 04/13/23 09:52**
**Date Received: 04/13/23 11:41**
**Sample Container: Tedlar Bag 1L**

**Lab Sample ID: 570-134847-1**
**Matrix: Air**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | 94 | | 13 | 0.67 | ug/m3 | | | 04/13/23 16:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *118* | | *66 - 132* | | *04/13/23 16:21* | *1* |
| *4-Bromofluorobenzene (Surr)* | *148* | *S1+* | *70 - 130* | | *04/13/23 16:21* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *70 - 130* | | *04/13/23 16:21* | *1* |

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

## Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - DL

**Client Sample ID: HP-4-40**
**Date Collected: 04/13/23 09:52**
**Date Received: 04/13/23 11:41**
**Sample Container: Tedlar Bag 1L**

**Lab Sample ID: 570-134847-1**
**Matrix: Air**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 1200 | | 200 | 8.7 | ug/m3 | | | 04/13/23 23:34 | 10 |
| cis-1,2-Dichloroethene | 2000 | | 200 | 9.4 | ug/m3 | | | 04/13/23 23:34 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *66 - 132* | | *04/13/23 23:34* | *10* |
| *4-Bromofluorobenzene (Surr)* | *104* | | *70 - 130* | | *04/13/23 23:34* | *10* |
| *Toluene-d8 (Surr)* | *96* | | *70 - 130* | | *04/13/23 23:34* | *10* |

# Surrogate Summary

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Air**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | |
|---|---|---|---|---|
| | | DCA | BFB | TOL |
| Lab Sample ID | Client Sample ID | (66-132) | (70-130) | (70-130) |
| 570-134847-1 - DL | HP-4-40 | 103 | 104 | 96 |
| 570-134847-1 | HP-4-40 | 118 | 148 S1+ | 96 |
| LCS 570-320002/3 | Lab Control Sample | 101 | 98 | 99 |
| LCS 570-320072/3 | Lab Control Sample | 104 | 103 | 101 |
| LCSD 570-320002/4 | Lab Control Sample Dup | 100 | 100 | 100 |
| LCSD 570-320072/4 | Lab Control Sample Dup | 103 | 101 | 102 |
| MB 570-320002/6 | Method Blank | 102 | 101 | 99 |
| MB 570-320072/6 | Method Blank | 104 | 102 | 99 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-320002/6**
**Matrix: Air**
**Analysis Batch: 320002**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 27 | 1.1 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 34 | 1.3 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 38 | 4.4 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,1,2-Trichloroethane | ND | | 27 | 1.3 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,1-Dichloroethane | ND | | 20 | 0.87 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,1-Dichloroethene | ND | | 20 | 0.87 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,1-Difluoroethane | ND | | 140 | 2.0 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 37 | 7.5 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 25 | 2.1 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,2-Dibromoethane | ND | | 38 | 1.4 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,2-Dichlorobenzene | ND | | 30 | 1.6 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,2-Dichloroethane | ND | | 20 | 0.78 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,2-Dichloropropane | ND | | 23 | 0.90 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 25 | 1.0 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,3-Dichlorobenzene | ND | | 30 | 1.7 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 1,4-Dichlorobenzene | ND | | 30 | 1.8 | ug/m3 | | | 04/13/23 17:33 | 1 |
| 4-Ethyltoluene | ND | | 25 | 1.1 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Benzene | ND | | 16 | 0.63 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Bromodichloromethane | ND | | 34 | 1.2 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Bromoform | ND | | 52 | 1.8 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Bromomethane | ND | | 19 | 0.96 | ug/m3 | | | 04/13/23 17:33 | 1 |
| cis-1,2-Dichloroethene | ND | | 20 | 0.94 | ug/m3 | | | 04/13/23 17:33 | 1 |
| cis-1,3-Dichloropropene | ND | | 23 | 1.1 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Carbon tetrachloride | ND | | 31 | 1.0 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Chlorobenzene | ND | | 23 | 0.73 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Chloroethane | ND | | 13 | 0.77 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Chloroform | ND | | 24 | 1.1 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Chloromethane | ND | | 10 | 0.62 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Dibromochloromethane | ND | | 43 | 1.3 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Dichlorodifluoromethane | ND | | 25 | 1.5 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 21 | 2.6 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Ethanol | ND | | 94 | 6.1 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Ethylbenzene | ND | | 22 | 0.90 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 21 | 2.5 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Isopropanol | ND | | 120 | 7.8 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Methylene Chloride | ND | | 17 | 3.1 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Methyl tert-butyl ether | ND | | 18 | 2.4 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Naphthalene | ND | | 26 | 5.6 | ug/m3 | | | 04/13/23 17:33 | 1 |
| o-Xylene | ND | | 22 | 0.89 | ug/m3 | | | 04/13/23 17:33 | 1 |
| m,p-Xylene | ND | | 22 | 2.4 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Styrene | ND | | 21 | 2.2 | ug/m3 | | | 04/13/23 17:33 | 1 |
| trans-1,2-Dichloroethene | ND | | 20 | 0.89 | ug/m3 | | | 04/13/23 17:33 | 1 |
| trans-1,3-Dichloropropene | ND | | 23 | 1.1 | ug/m3 | | | 04/13/23 17:33 | 1 |
| tert-Amyl Methyl Ether (TAME) | ND | | 21 | 2.4 | ug/m3 | | | 04/13/23 17:33 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | 1.6 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Tetrachloroethene | ND | | 34 | 1.5 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Toluene | ND | | 19 | 0.80 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Xylenes, Total | ND | | 22 | 2.4 | ug/m3 | | | 04/13/23 17:33 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-320002/6**
**Matrix: Air**
**Analysis Batch: 320002**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | | 27 | 1.1 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Trichlorofluoromethane | ND | | 28 | 1.3 | ug/m3 | | | 04/13/23 17:33 | 1 |
| Vinyl chloride | ND | | 13 | 0.67 | ug/m3 | | | 04/13/23 17:33 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *66 - 132* | | *04/13/23 17:33* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* | | *04/13/23 17:33* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* | | *04/13/23 17:33* | *1* |

**Lab Sample ID: LCS 570-320002/3**
**Matrix: Air**
**Analysis Batch: 320002**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 136 | 143.0 | | ug/m3 | | 105 | 67 - 135 |
| 1,1,2,2-Tetrachloroethane | 172 | 170.6 | | ug/m3 | | 99 | 70 - 130 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 192 | 187.9 | | ug/m3 | | 98 | 70 - 130 |
| 1,1,2-Trichloroethane | 136 | 137.4 | | ug/m3 | | 101 | 69 - 131 |
| 1,1-Dichloroethane | 101 | 99.14 | | ug/m3 | | 98 | 69 - 130 |
| 1,1-Dichloroethene | 99.1 | 98.86 | | ug/m3 | | 100 | 64 - 135 |
| 1,1-Difluoroethane | 67.5 | 77.93 | J | ug/m3 | | 115 | 57 - 146 |
| 1,2,4-Trichlorobenzene | 186 | 194.7 | | ug/m3 | | 105 | 51 - 134 |
| 1,2,4-Trimethylbenzene | 123 | 122.1 | | ug/m3 | | 99 | 68 - 130 |
| 1,2-Dibromoethane | 192 | 195.8 | | ug/m3 | | 102 | 70 - 130 |
| 1,2-Dichlorobenzene | 150 | 148.7 | | ug/m3 | | 99 | 68 - 130 |
| 1,2-Dichloroethane | 101 | 101.8 | | ug/m3 | | 101 | 65 - 136 |
| 1,2-Dichloropropane | 116 | 114.8 | | ug/m3 | | 99 | 68 - 132 |
| 1,3,5-Trimethylbenzene | 123 | 121.1 | | ug/m3 | | 99 | 69 - 130 |
| 1,3-Dichlorobenzene | 150 | 148.3 | | ug/m3 | | 99 | 65 - 130 |
| 1,4-Dichlorobenzene | 150 | 148.0 | | ug/m3 | | 98 | 64 - 130 |
| 4-Ethyltoluene | 123 | 124.0 | | ug/m3 | | 101 | 69 - 130 |
| Benzene | 79.9 | 78.92 | | ug/m3 | | 99 | 68 - 134 |
| Bromodichloromethane | 168 | 171.9 | | ug/m3 | | 103 | 69 - 132 |
| Bromoform | 258 | 268.5 | | ug/m3 | | 104 | 70 - 130 |
| Bromomethane | 97.1 | 97.92 | | ug/m3 | | 101 | 65 - 130 |
| cis-1,2-Dichloroethene | 99.1 | 99.85 | | ug/m3 | | 101 | 70 - 130 |
| cis-1,3-Dichloropropene | 113 | 115.9 | | ug/m3 | | 102 | 70 - 134 |
| Carbon tetrachloride | 157 | 167.4 | | ug/m3 | | 106 | 68 - 133 |
| Chlorobenzene | 115 | 113.9 | | ug/m3 | | 99 | 70 - 130 |
| Chloroethane | 66.0 | 65.92 | | ug/m3 | | 100 | 66 - 134 |
| Chloroform | 122 | 123.9 | | ug/m3 | | 102 | 67 - 131 |
| Chloromethane | 51.6 | 47.57 | | ug/m3 | | 92 | 60 - 137 |
| Dibromochloromethane | 213 | 223.7 | | ug/m3 | | 105 | 70 - 130 |
| Dichlorodifluoromethane | 124 | 125.8 | | ug/m3 | | 102 | 57 - 138 |
| Di-isopropyl ether (DIPE) | 104 | 104.5 | | ug/m3 | | 100 | 58 - 144 |
| Ethanol | 188 | 197.3 | | ug/m3 | | 105 | 61 - 133 |
| Ethylbenzene | 109 | 109.7 | | ug/m3 | | 101 | 70 - 130 |
| Ethyl-t-butyl ether (ETBE) | 104 | 108.4 | | ug/m3 | | 104 | 67 - 130 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-320002/3**
**Matrix: Air**
**Analysis Batch: 320002**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Methylene Chloride | 86.8 | 88.07 | | ug/m3 | | 101 | 65 - 130 |
| Methyl tert-butyl ether | 90.1 | 90.12 | | ug/m3 | | 100 | 70 - 130 |
| Naphthalene | 131 | 139.4 | | ug/m3 | | 106 | 36 - 146 |
| o-Xylene | 109 | 108.3 | | ug/m3 | | 100 | 68 - 130 |
| m,p-Xylene | 217 | 218.5 | | ug/m3 | | 101 | 70 - 130 |
| Styrene | 106 | 105.9 | | ug/m3 | | 99 | 70 - 130 |
| trans-1,2-Dichloroethene | 99.1 | 102.1 | | ug/m3 | | 103 | 70 - 130 |
| trans-1,3-Dichloropropene | 113 | 114.2 | | ug/m3 | | 101 | 66 - 142 |
| tert-Amyl Methyl Ether (TAME) | 104 | 107.9 | | ug/m3 | | 103 | 70 - 130 |
| tert-Butyl alcohol (TBA) | 152 | 160.2 | | ug/m3 | | 106 | 65 - 132 |
| Tetrachloroethene | 170 | 172.4 | | ug/m3 | | 102 | 70 - 130 |
| Toluene | 94.2 | 92.31 | | ug/m3 | | 98 | 70 - 130 |
| Trichloroethene | 134 | 135.4 | | ug/m3 | | 101 | 69 - 130 |
| Trichlorofluoromethane | 140 | 148.2 | | ug/m3 | | 106 | 62 - 139 |
| Vinyl chloride | 63.9 | 64.49 | | ug/m3 | | 101 | 65 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *66 - 132* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* |

**Lab Sample ID: LCSD 570-320002/4**
**Matrix: Air**
**Analysis Batch: 320002**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 136 | 137.6 | | ug/m3 | | 101 | 67 - 135 | 4 | 25 |
| 1,1,2,2-Tetrachloroethane | 172 | 164.3 | | ug/m3 | | 96 | 70 - 130 | 4 | 25 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 192 | 188.4 | | ug/m3 | | 98 | 70 - 130 | 0 | 25 |
| 1,1,2-Trichloroethane | 136 | 134.5 | | ug/m3 | | 99 | 69 - 131 | 2 | 25 |
| 1,1-Dichloroethane | 101 | 97.42 | | ug/m3 | | 96 | 69 - 130 | 2 | 25 |
| 1,1-Dichloroethene | 99.1 | 95.89 | | ug/m3 | | 97 | 64 - 135 | 3 | 25 |
| 1,1-Difluoroethane | 67.5 | 66.05 | J | ug/m3 | | 98 | 57 - 146 | 17 | 25 |
| 1,2,4-Trichlorobenzene | 186 | 196.0 | | ug/m3 | | 106 | 51 - 134 | 1 | 25 |
| 1,2,4-Trimethylbenzene | 123 | 118.3 | | ug/m3 | | 96 | 68 - 130 | 3 | 25 |
| 1,2-Dibromoethane | 192 | 186.2 | | ug/m3 | | 97 | 70 - 130 | 5 | 25 |
| 1,2-Dichlorobenzene | 150 | 142.2 | | ug/m3 | | 95 | 68 - 130 | 4 | 25 |
| 1,2-Dichloroethane | 101 | 97.45 | | ug/m3 | | 96 | 65 - 136 | 4 | 25 |
| 1,2-Dichloropropane | 116 | 110.0 | | ug/m3 | | 95 | 68 - 132 | 4 | 25 |
| 1,3,5-Trimethylbenzene | 123 | 118.7 | | ug/m3 | | 97 | 69 - 130 | 2 | 25 |
| 1,3-Dichlorobenzene | 150 | 143.5 | | ug/m3 | | 96 | 65 - 130 | 3 | 25 |
| 1,4-Dichlorobenzene | 150 | 142.6 | | ug/m3 | | 95 | 64 - 130 | 4 | 25 |
| 4-Ethyltoluene | 123 | 117.8 | | ug/m3 | | 96 | 69 - 130 | 5 | 25 |
| Benzene | 79.9 | 76.33 | | ug/m3 | | 96 | 68 - 134 | 3 | 25 |
| Bromodichloromethane | 168 | 165.0 | | ug/m3 | | 98 | 69 - 132 | 4 | 25 |
| Bromoform | 258 | 256.8 | | ug/m3 | | 99 | 70 - 130 | 4 | 25 |
| Bromomethane | 97.1 | 94.09 | | ug/m3 | | 97 | 65 - 130 | 4 | 25 |
| cis-1,2-Dichloroethene | 99.1 | 96.82 | | ug/m3 | | 98 | 70 - 130 | 3 | 25 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-320002/4**
**Matrix: Air**
**Analysis Batch: 320002**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | 113 | 112.9 | | ug/m3 | | 100 | 70 - 134 | 3 | 25 |
| Carbon tetrachloride | 157 | 162.1 | | ug/m3 | | 103 | 68 - 133 | 3 | 25 |
| Chlorobenzene | 115 | 109.0 | | ug/m3 | | 95 | 70 - 130 | 4 | 25 |
| Chloroethane | 66.0 | 64.89 | | ug/m3 | | 98 | 66 - 134 | 2 | 25 |
| Chloroform | 122 | 118.9 | | ug/m3 | | 97 | 67 - 131 | 4 | 25 |
| Chloromethane | 51.6 | 44.56 | | ug/m3 | | 86 | 60 - 137 | 7 | 25 |
| Dibromochloromethane | 213 | 211.9 | | ug/m3 | | 100 | 70 - 130 | 5 | 25 |
| Dichlorodifluoromethane | 124 | 122.3 | | ug/m3 | | 99 | 57 - 138 | 3 | 25 |
| Di-isopropyl ether (DIPE) | 104 | 100.5 | | ug/m3 | | 96 | 58 - 144 | 4 | 25 |
| Ethanol | 188 | 186.8 | | ug/m3 | | 99 | 61 - 133 | 5 | 25 |
| Ethylbenzene | 109 | 104.8 | | ug/m3 | | 97 | 70 - 130 | 5 | 25 |
| Ethyl-t-butyl ether (ETBE) | 104 | 103.3 | | ug/m3 | | 99 | 67 - 130 | 5 | 25 |
| Methylene Chloride | 86.8 | 83.37 | | ug/m3 | | 96 | 65 - 130 | 5 | 25 |
| Methyl tert-butyl ether | 90.1 | 87.51 | | ug/m3 | | 97 | 70 - 130 | 3 | 25 |
| Naphthalene | 131 | 142.1 | | ug/m3 | | 108 | 36 - 146 | 2 | 25 |
| o-Xylene | 109 | 103.9 | | ug/m3 | | 96 | 68 - 130 | 4 | 25 |
| m,p-Xylene | 217 | 205.6 | | ug/m3 | | 95 | 70 - 130 | 6 | 25 |
| Styrene | 106 | 102.7 | | ug/m3 | | 96 | 70 - 130 | 3 | 25 |
| trans-1,2-Dichloroethene | 99.1 | 99.42 | | ug/m3 | | 100 | 70 - 130 | 3 | 25 |
| trans-1,3-Dichloropropene | 113 | 112.4 | | ug/m3 | | 99 | 66 - 142 | 2 | 25 |
| tert-Amyl Methyl Ether (TAME) | 104 | 104.2 | | ug/m3 | | 100 | 70 - 130 | 4 | 25 |
| tert-Butyl alcohol (TBA) | 152 | 155.1 | | ug/m3 | | 102 | 65 - 132 | 3 | 25 |
| Tetrachloroethene | 170 | 168.7 | | ug/m3 | | 99 | 70 - 130 | 2 | 25 |
| Toluene | 94.2 | 88.80 | | ug/m3 | | 94 | 70 - 130 | 4 | 25 |
| Trichloroethene | 134 | 131.5 | | ug/m3 | | 98 | 69 - 130 | 3 | 25 |
| Trichlorofluoromethane | 140 | 142.4 | | ug/m3 | | 101 | 62 - 139 | 4 | 25 |
| Vinyl chloride | 63.9 | 62.52 | | ug/m3 | | 98 | 65 - 130 | 3 | 25 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *66 - 132* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *100* | | *70 - 130* |

**Lab Sample ID: MB 570-320072/6**
**Matrix: Air**
**Analysis Batch: 320072**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 27 | 1.1 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 34 | 1.3 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 38 | 4.4 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,1,2-Trichloroethane | ND | | 27 | 1.3 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,1-Dichloroethane | ND | | 20 | 0.87 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,1-Dichloroethene | ND | | 20 | 0.87 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,1-Difluoroethane | ND | | 140 | 2.0 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 37 | 7.5 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 25 | 2.1 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,2-Dibromoethane | ND | | 38 | 1.4 | ug/m3 | | | 04/13/23 14:41 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-320072/6**
**Matrix: Air**
**Analysis Batch: 320072**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichlorobenzene | ND | | 30 | 1.6 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,2-Dichloroethane | ND | | 20 | 0.78 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,2-Dichloropropane | ND | | 23 | 0.90 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 25 | 1.0 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,3-Dichlorobenzene | ND | | 30 | 1.7 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 1,4-Dichlorobenzene | ND | | 30 | 1.8 | ug/m3 | | | 04/13/23 14:41 | 1 |
| 4-Ethyltoluene | ND | | 25 | 1.1 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Benzene | ND | | 16 | 0.63 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Bromodichloromethane | ND | | 34 | 1.2 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Bromoform | ND | | 52 | 1.8 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Bromomethane | ND | | 19 | 0.96 | ug/m3 | | | 04/13/23 14:41 | 1 |
| cis-1,2-Dichloroethene | ND | | 20 | 0.94 | ug/m3 | | | 04/13/23 14:41 | 1 |
| cis-1,3-Dichloropropene | ND | | 23 | 1.1 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Carbon tetrachloride | ND | | 31 | 1.0 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Chlorobenzene | ND | | 23 | 0.73 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Chloroethane | ND | | 13 | 0.77 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Chloroform | ND | | 24 | 1.1 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Chloromethane | ND | | 10 | 0.62 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Dibromochloromethane | ND | | 43 | 1.3 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Dichlorodifluoromethane | ND | | 25 | 1.5 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 21 | 2.6 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Ethanol | ND | | 94 | 6.1 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Ethylbenzene | ND | | 22 | 0.90 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 21 | 2.5 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Isopropanol | ND | | 120 | 7.8 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Methylene Chloride | ND | | 17 | 3.1 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Methyl tert-butyl ether | ND | | 18 | 2.4 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Naphthalene | ND | | 26 | 5.6 | ug/m3 | | | 04/13/23 14:41 | 1 |
| o-Xylene | ND | | 22 | 0.89 | ug/m3 | | | 04/13/23 14:41 | 1 |
| m,p-Xylene | ND | | 22 | 2.4 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Styrene | ND | | 21 | 2.2 | ug/m3 | | | 04/13/23 14:41 | 1 |
| trans-1,2-Dichloroethene | ND | | 20 | 0.89 | ug/m3 | | | 04/13/23 14:41 | 1 |
| trans-1,3-Dichloropropene | ND | | 23 | 1.1 | ug/m3 | | | 04/13/23 14:41 | 1 |
| tert-Amyl Methyl Ether (TAME) | ND | | 21 | 2.4 | ug/m3 | | | 04/13/23 14:41 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | 1.6 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Tetrachloroethene | ND | | 34 | 1.5 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Toluene | ND | | 19 | 0.80 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Xylenes, Total | ND | | 22 | 2.4 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Trichloroethene | ND | | 27 | 1.1 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Trichlorofluoromethane | ND | | 28 | 1.3 | ug/m3 | | | 04/13/23 14:41 | 1 |
| Vinyl chloride | ND | | 13 | 0.67 | ug/m3 | | | 04/13/23 14:41 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *66 - 132* | | *04/13/23 14:41* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *70 - 130* | | *04/13/23 14:41* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *70 - 130* | | *04/13/23 14:41* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-320072/3**
**Matrix: Air**
**Analysis Batch: 320072**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 136 | 141.6 | | ug/m3 | | 104 | 67 - 135 |
| 1,1,2,2-Tetrachloroethane | 172 | 155.7 | | ug/m3 | | 91 | 70 - 130 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 192 | 184.4 | | ug/m3 | | 96 | 70 - 130 |
| 1,1,2-Trichloroethane | 136 | 130.7 | | ug/m3 | | 96 | 69 - 131 |
| 1,1-Dichloroethane | 101 | 96.70 | | ug/m3 | | 96 | 69 - 130 |
| 1,1-Dichloroethene | 99.1 | 96.02 | | ug/m3 | | 97 | 64 - 135 |
| 1,1-Difluoroethane | 67.5 | 61.79 | J | ug/m3 | | 91 | 57 - 146 |
| 1,2,4-Trichlorobenzene | 186 | 194.7 | | ug/m3 | | 105 | 51 - 134 |
| 1,2,4-Trimethylbenzene | 123 | 114.5 | | ug/m3 | | 93 | 68 - 130 |
| 1,2-Dibromoethane | 192 | 184.3 | | ug/m3 | | 96 | 70 - 130 |
| 1,2-Dichlorobenzene | 150 | 137.6 | | ug/m3 | | 92 | 68 - 130 |
| 1,2-Dichloroethane | 101 | 102.8 | | ug/m3 | | 102 | 65 - 136 |
| 1,2-Dichloropropane | 116 | 112.1 | | ug/m3 | | 97 | 68 - 132 |
| 1,3,5-Trimethylbenzene | 123 | 115.7 | | ug/m3 | | 94 | 69 - 130 |
| 1,3-Dichlorobenzene | 150 | 134.3 | | ug/m3 | | 89 | 65 - 130 |
| 1,4-Dichlorobenzene | 150 | 139.9 | | ug/m3 | | 93 | 64 - 130 |
| 4-Ethyltoluene | 123 | 117.8 | | ug/m3 | | 96 | 69 - 130 |
| Benzene | 79.9 | 77.58 | | ug/m3 | | 97 | 68 - 134 |
| Bromodichloromethane | 168 | 170.8 | | ug/m3 | | 102 | 69 - 132 |
| Bromoform | 258 | 244.2 | | ug/m3 | | 94 | 70 - 130 |
| Bromomethane | 97.1 | 92.12 | | ug/m3 | | 95 | 65 - 130 |
| cis-1,2-Dichloroethene | 99.1 | 93.09 | | ug/m3 | | 94 | 70 - 130 |
| cis-1,3-Dichloropropene | 113 | 113.4 | | ug/m3 | | 100 | 70 - 134 |
| Carbon tetrachloride | 157 | 165.3 | | ug/m3 | | 105 | 68 - 133 |
| Chlorobenzene | 115 | 110.6 | | ug/m3 | | 96 | 70 - 130 |
| Chloroethane | 66.0 | 64.85 | | ug/m3 | | 98 | 66 - 134 |
| Chloroform | 122 | 118.2 | | ug/m3 | | 97 | 67 - 131 |
| Chloromethane | 51.6 | 49.95 | | ug/m3 | | 97 | 60 - 137 |
| Dibromochloromethane | 213 | 207.1 | | ug/m3 | | 97 | 70 - 130 |
| Dichlorodifluoromethane | 124 | 136.6 | | ug/m3 | | 111 | 57 - 138 |
| Di-isopropyl ether (DIPE) | 104 | 101.5 | | ug/m3 | | 97 | 58 - 144 |
| Ethanol | 188 | 175.5 | | ug/m3 | | 93 | 61 - 133 |
| Ethylbenzene | 109 | 105.2 | | ug/m3 | | 97 | 70 - 130 |
| Ethyl-t-butyl ether (ETBE) | 104 | 105.2 | | ug/m3 | | 101 | 67 - 130 |
| Methylene Chloride | 86.8 | 82.36 | | ug/m3 | | 95 | 65 - 130 |
| Methyl tert-butyl ether | 90.1 | 89.55 | | ug/m3 | | 99 | 70 - 130 |
| Naphthalene | 131 | 139.1 | | ug/m3 | | 106 | 36 - 146 |
| o-Xylene | 109 | 101.5 | | ug/m3 | | 93 | 68 - 130 |
| m,p-Xylene | 217 | 204.9 | | ug/m3 | | 94 | 70 - 130 |
| Styrene | 106 | 105.5 | | ug/m3 | | 99 | 70 - 130 |
| trans-1,2-Dichloroethene | 99.1 | 94.20 | | ug/m3 | | 95 | 70 - 130 |
| trans-1,3-Dichloropropene | 113 | 117.0 | | ug/m3 | | 103 | 66 - 142 |
| tert-Amyl Methyl Ether (TAME) | 104 | 105.5 | | ug/m3 | | 101 | 70 - 130 |
| tert-Butyl alcohol (TBA) | 152 | 155.9 | | ug/m3 | | 103 | 65 - 132 |
| Tetrachloroethene | 170 | 165.4 | | ug/m3 | | 98 | 70 - 130 |
| Toluene | 94.2 | 88.41 | | ug/m3 | | 94 | 70 - 130 |
| Trichloroethene | 134 | 131.0 | | ug/m3 | | 98 | 69 - 130 |
| Trichlorofluoromethane | 140 | 146.1 | | ug/m3 | | 104 | 62 - 139 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-320072/3**
**Matrix: Air**
**Analysis Batch: 320072**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | | | 63.9 | 61.97 | | ug/m3 | | 97 | 65 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *66 - 132* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *101* | | *70 - 130* |

**Lab Sample ID: LCSD 570-320072/4**
**Matrix: Air**
**Analysis Batch: 320072**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 136 | 141.9 | | ug/m3 | | 104 | 67 - 135 | 0 | 25 |
| 1,1,2,2-Tetrachloroethane | | | 172 | 154.0 | | ug/m3 | | 90 | 70 - 130 | 1 | 25 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | | | 192 | 185.4 | | ug/m3 | | 97 | 70 - 130 | 1 | 25 |
| 1,1,2-Trichloroethane | | | 136 | 131.4 | | ug/m3 | | 96 | 69 - 131 | 1 | 25 |
| 1,1-Dichloroethane | | | 101 | 97.44 | | ug/m3 | | 96 | 69 - 130 | 1 | 25 |
| 1,1-Dichloroethene | | | 99.1 | 97.62 | | ug/m3 | | 98 | 64 - 135 | 2 | 25 |
| 1,1-Difluoroethane | | | 67.5 | 56.27 | J | ug/m3 | | 83 | 57 - 146 | 9 | 25 |
| 1,2,4-Trichlorobenzene | | | 186 | 191.9 | | ug/m3 | | 103 | 51 - 134 | 1 | 25 |
| 1,2,4-Trimethylbenzene | | | 123 | 113.5 | | ug/m3 | | 92 | 68 - 130 | 1 | 25 |
| 1,2-Dibromoethane | | | 192 | 182.3 | | ug/m3 | | 95 | 70 - 130 | 1 | 25 |
| 1,2-Dichlorobenzene | | | 150 | 135.7 | | ug/m3 | | 90 | 68 - 130 | 1 | 25 |
| 1,2-Dichloroethane | | | 101 | 103.4 | | ug/m3 | | 102 | 65 - 136 | 1 | 25 |
| 1,2-Dichloropropane | | | 116 | 111.4 | | ug/m3 | | 96 | 68 - 132 | 1 | 25 |
| 1,3,5-Trimethylbenzene | | | 123 | 114.8 | | ug/m3 | | 93 | 69 - 130 | 1 | 25 |
| 1,3-Dichlorobenzene | | | 150 | 132.4 | | ug/m3 | | 88 | 65 - 130 | 1 | 25 |
| 1,4-Dichlorobenzene | | | 150 | 137.6 | | ug/m3 | | 92 | 64 - 130 | 2 | 25 |
| 4-Ethyltoluene | | | 123 | 115.2 | | ug/m3 | | 94 | 69 - 130 | 2 | 25 |
| Benzene | | | 79.9 | 76.56 | | ug/m3 | | 96 | 68 - 134 | 1 | 25 |
| Bromodichloromethane | | | 168 | 169.4 | | ug/m3 | | 101 | 69 - 132 | 1 | 25 |
| Bromoform | | | 258 | 242.0 | | ug/m3 | | 94 | 70 - 130 | 1 | 25 |
| Bromomethane | | | 97.1 | 93.09 | | ug/m3 | | 96 | 65 - 130 | 1 | 25 |
| cis-1,2-Dichloroethene | | | 99.1 | 94.28 | | ug/m3 | | 95 | 70 - 130 | 1 | 25 |
| cis-1,3-Dichloropropene | | | 113 | 113.0 | | ug/m3 | | 100 | 70 - 134 | 0 | 25 |
| Carbon tetrachloride | | | 157 | 163.0 | | ug/m3 | | 104 | 68 - 133 | 1 | 25 |
| Chlorobenzene | | | 115 | 108.0 | | ug/m3 | | 94 | 70 - 130 | 2 | 25 |
| Chloroethane | | | 66.0 | 66.97 | | ug/m3 | | 102 | 66 - 134 | 3 | 25 |
| Chloroform | | | 122 | 118.8 | | ug/m3 | | 97 | 67 - 131 | 1 | 25 |
| Chloromethane | | | 51.6 | 47.68 | | ug/m3 | | 92 | 60 - 137 | 5 | 25 |
| Dibromochloromethane | | | 213 | 204.7 | | ug/m3 | | 96 | 70 - 130 | 1 | 25 |
| Dichlorodifluoromethane | | | 124 | 137.0 | | ug/m3 | | 111 | 57 - 138 | 0 | 25 |
| Di-isopropyl ether (DIPE) | | | 104 | 102.0 | | ug/m3 | | 98 | 58 - 144 | 1 | 25 |
| Ethanol | | | 188 | 174.1 | | ug/m3 | | 92 | 61 - 133 | 1 | 25 |
| Ethylbenzene | | | 109 | 104.2 | | ug/m3 | | 96 | 70 - 130 | 1 | 25 |
| Ethyl-t-butyl ether (ETBE) | | | 104 | 105.2 | | ug/m3 | | 101 | 67 - 130 | 0 | 25 |
| Methylene Chloride | | | 86.8 | 84.16 | | ug/m3 | | 97 | 65 - 130 | 2 | 25 |
| Methyl tert-butyl ether | | | 90.1 | 91.07 | | ug/m3 | | 101 | 70 - 130 | 2 | 25 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-320072/4**
**Matrix: Air**
**Analysis Batch: 320072**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Naphthalene | | | 131 | 137.9 | | ug/m3 | | 105 | 36 - 146 | 1 | 25 |
| o-Xylene | | | 109 | 99.66 | | ug/m3 | | 92 | 68 - 130 | 2 | 25 |
| m,p-Xylene | | | 217 | 203.1 | | ug/m3 | | 94 | 70 - 130 | 1 | 25 |
| Styrene | | | 106 | 104.9 | | ug/m3 | | 99 | 70 - 130 | 1 | 25 |
| trans-1,2-Dichloroethene | | | 99.1 | 95.77 | | ug/m3 | | 97 | 70 - 130 | 2 | 25 |
| trans-1,3-Dichloropropene | | | 113 | 115.4 | | ug/m3 | | 102 | 66 - 142 | 1 | 25 |
| tert-Amyl Methyl Ether (TAME) | | | 104 | 105.1 | | ug/m3 | | 101 | 70 - 130 | 0 | 25 |
| tert-Butyl alcohol (TBA) | | | 152 | 157.3 | | ug/m3 | | 104 | 65 - 132 | 1 | 25 |
| Tetrachloroethene | | | 170 | 154.1 | | ug/m3 | | 91 | 70 - 130 | 7 | 25 |
| Toluene | | | 94.2 | 87.46 | | ug/m3 | | 93 | 70 - 130 | 1 | 25 |
| Trichloroethene | | | 134 | 130.2 | | ug/m3 | | 97 | 69 - 130 | 1 | 25 |
| Trichlorofluoromethane | | | 140 | 147.3 | | ug/m3 | | 105 | 62 - 139 | 1 | 25 |
| Vinyl chloride | | | 63.9 | 63.15 | | ug/m3 | | 99 | 65 - 130 | 2 | 25 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *66 - 132* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *70 - 130* |
| *Toluene-d8 (Surr)* | *102* | | *70 - 130* |

# QC Association Summary

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

## GC/MS VOA

### Analysis Batch: 320002

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-134847-1 - DL | HP-4-40 | Total/NA | Air | 8260B | |
| MB 570-320002/6 | Method Blank | Total/NA | Air | 8260B | |
| LCS 570-320002/3 | Lab Control Sample | Total/NA | Air | 8260B | |
| LCSD 570-320002/4 | Lab Control Sample Dup | Total/NA | Air | 8260B | |

### Analysis Batch: 320072

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-134847-1 | HP-4-40 | Total/NA | Air | 8260B | |
| MB 570-320072/6 | Method Blank | Total/NA | Air | 8260B | |
| LCS 570-320072/3 | Lab Control Sample | Total/NA | Air | 8260B | |
| LCSD 570-320072/4 | Lab Control Sample Dup | Total/NA | Air | 8260B | |

# Lab Chronicle

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

## Client Sample ID: HP-4-40

**Date Collected: 04/13/23 09:52**
**Date Received: 04/13/23 11:41**

## Lab Sample ID: 570-134847-1

**Matrix: Air**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260B | | 1 | 250 mL | 250 mL | 320072 | 04/13/23 16:21 | USQD | EET CAL 4 |
| | Instrument ID: GCMSHH | | | | | | | | | |
| Total/NA | Analysis | 8260B | DL | 10 | 250 mL | 250 mL | 320002 | 04/13/23 23:34 | Y2DF | EET CAL 4 |
| | Instrument ID: GCMSZZ | | | | | | | | | |

**Laboratory References:**

EET CAL = Eurofins Calscience, 2841 Dow Avenue, Suite 100, Tustin, CA 92780, TEL (714)895-5494

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

# Accreditation/Certification Summary

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

## Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 3082 | 07-31-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 8260B | | Air | 1,1,1-Trichloroethane |
| 8260B | | Air | 1,1,2,2-Tetrachloroethane |
| 8260B | | Air | 1,1,2-Trichloro-1,2,2-trifluoroethane |
| 8260B | | Air | 1,1,2-Trichloroethane |
| 8260B | | Air | 1,1-Dichloroethane |
| 8260B | | Air | 1,1-Dichloroethene |
| 8260B | | Air | 1,1-Difluoroethane |
| 8260B | | Air | 1,2,4-Trichlorobenzene |
| 8260B | | Air | 1,2,4-Trimethylbenzene |
| 8260B | | Air | 1,2-Dibromoethane |
| 8260B | | Air | 1,2-Dichlorobenzene |
| 8260B | | Air | 1,2-Dichloroethane |
| 8260B | | Air | 1,2-Dichloropropane |
| 8260B | | Air | 1,3,5-Trimethylbenzene |
| 8260B | | Air | 1,3-Dichlorobenzene |
| 8260B | | Air | 1,4-Dichlorobenzene |
| 8260B | | Air | 4-Ethyltoluene |
| 8260B | | Air | Benzene |
| 8260B | | Air | Bromodichloromethane |
| 8260B | | Air | Bromoform |
| 8260B | | Air | Bromomethane |
| 8260B | | Air | Carbon tetrachloride |
| 8260B | | Air | Chlorobenzene |
| 8260B | | Air | Chloroethane |
| 8260B | | Air | Chloroform |
| 8260B | | Air | Chloromethane |
| 8260B | | Air | cis-1,2-Dichloroethene |
| 8260B | | Air | cis-1,3-Dichloropropene |
| 8260B | | Air | Dibromochloromethane |
| 8260B | | Air | Dichlorodifluoromethane |
| 8260B | | Air | Di-isopropyl ether (DIPE) |
| 8260B | | Air | Ethanol |
| 8260B | | Air | Ethylbenzene |
| 8260B | | Air | Ethyl-t-butyl ether (ETBE) |
| 8260B | | Air | Isopropanol |
| 8260B | | Air | m,p-Xylene |
| 8260B | | Air | Methyl tert-butyl ether |
| 8260B | | Air | Methylene Chloride |
| 8260B | | Air | Naphthalene |
| 8260B | | Air | o-Xylene |
| 8260B | | Air | Styrene |
| 8260B | | Air | tert-Amyl Methyl Ether (TAME) |
| 8260B | | Air | tert-Butyl alcohol (TBA) |
| 8260B | | Air | Tetrachloroethene |
| 8260B | | Air | Toluene |

# Accreditation/Certification Summary

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

## Laboratory: Eurofins Calscience (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Oregon | NELAP | 4175 | 02-02-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 8260B | | Air | trans-1,2-Dichloroethene |
| 8260B | | Air | trans-1,3-Dichloropropene |
| 8260B | | Air | Trichloroethene |
| 8260B | | Air | Trichlorofluoromethane |
| 8260B | | Air | Vinyl chloride |
| 8260B | | Air | Xylenes, Total |

# Method Summary

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | EET CAL 4 |
| 5030C | Collection/Prep Tedlar Bag (P&T) | SW846 | EET CAL |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CAL = Eurofins Calscience, 2841 Dow Avenue, Suite 100, Tustin, CA 92780, TEL (714)895-5494

EET CAL 4 = Eurofins Calscience  Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

# Sample Summary

Client: EEC Environmental
Project/Site: S-3597.04T

Job ID: 570-134847-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 570-134847-1 | HP-4-40 | Air | 04/13/23 09:52 | 04/13/23 11:41 |

**Tina Nguyen**

**From:** Bina Patel <bpatel@eecenvironmental.com>
**Sent:** Friday, April 14, 2023 2:24 PM
**To:** Tina Nguyen
**Cc:** David Bernier
**Subject:** RE: Eurofins Calscience EDD and report files from 570-134847-1 S-3597.04T

EXTERNAL EMAIL*

Hi Tina,

As discussed, can we please have these results reported in ug/m3?

Thank you!

**Bina Patel, GIT**
Project Geologist I
**EEC** Environmental
One City Boulevard West | Suite 1800 | Orange,CA 92868
O (714) 667-2300 | C (714) 404-1770
bpatel@eecenvironmental | www.eecenvironmental.com

---

**From:** Tina Nguyen <Tina.Nguyen@et.eurofinsus.com>
**Sent:** Friday, April 14, 2023 1:26 PM
**To:** Bina Patel <bpatel@eecenvironmental.com>
**Subject:** Eurofins Calscience EDD and report files from 570-134847-1 S-3597.04T

Hello,

Attached please find the EDD and report files for job 570-134847-1; S-3597.04T

Please feel free to contact me if you have any questions.

Thank you.

**Tina Nguyen**
Project Manager

Eurofins Calscience
Phone: 657-210-6301

E-mail: Tina.Nguyen@et.eurofinsus.com
www.eurofinsus.com/env

eurofins | Environment Testing Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

D4DocID Rev. D4DocVersionFul

570-134847 Chain of Custody

# CHAIN-OF-CUSTODY RECORD

DATE: _____

PAGE: _____ OF _____

| | | | |
|---|---|---|---|
| LABORATORY CLIENT: EEC Environmental | | CLIENT PROJECT NAME / NO.: S-3597.04T | P.O. NO.: S-3597.04T |
| ADDRESS: One city Blvd West, St 1800 | | PROJECT CONTACT: Bina Patel | LAB CONTACT OR QUOTE NO.: Tina Nguyen |
| CITY: Orange | STATE: CA | ZIP: 92868 | GLOBAL ID: | LOG CODE: | SAMPLER(S): (PRINT) B. Patel |
| TEL: 714-667-2300 | E-MAIL: bpatel@eecenvironmental.com | | | | |

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☑ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☐ GRO | ☐ TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH | BTEX / MTBE ☐ 8260 ☐ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HP-4-40 | 4/13/23 | 0952 | Air | Tedlar 1 | X | | | | | | | | X | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Date: 4/13/23 | Time: 1141 | Received by: (Signature/Affiliation) EC | Date: 4/13/23 | Time: 11:41 |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature/Affiliation) | Date: | Time: |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature/Affiliation) | Date: | Time: |

# Login Sample Receipt Checklist

Client: EEC Environmental

Job Number: 570-134847-1

**Login Number: 134847**
**List Number: 1**
**Creator: Cortez Diaz, Antonio**

**List Source: Eurofins Calscience**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | False | Thermal preservation not required. |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | N/A | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

# Appendix D
# Summary of Historical Soil Vapor Analytical Results for VOCs

**Summary of Historical Soil Vapor Results for Select VOCs**

Rosemead Holding / PDC

2200 North Rosemead Boulevard

South El Monte, California

| Sample ID | Depth (ft bgs) | Date Sampled | VOCs by USEPA Method 8260B ($ug/m^3$) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | cis-1,2-DCE | tran-1,2-DCE | Vinyl Chloride | Benzene | Ethylbenzne | Toluene | m,p-Xylenes | o-Xylene | Total Xylenes | MTBE | Chloroform | 1,1,1-TCA | 1,1-DCA | 1,1-DCE |
| *San Francisco Regional Water Quality Control Board Environmental Screening Levels* [3] | | | *67* | *100* | *1,200* [4] | *12,000* [4] | *5.2* | *14* | *160* | *44,000* [4] | *15,000* [4] | *15,0004* [5] | *15,000* [4] | *1,600* | *18* | *150,000* [4] | *260* | *1000* [4] |
| LV-1 | 20 | 6/29/2021 | **120** | **430** | ND<40 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | <40 | <40 |
| | 35 | 6/29/2021 | 32 | **390** | ND<40 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | <40 | <40 |
| LV-2 | 20 | 6/29/2021 | **140** | **350** | ND<40 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | <40 | <40 |
| | 35 | 6/29/2021 | **120** | **340** | ND<40 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | <40 | <40 |
| LV-3 | 10 | 6/28/2021 | **230** | **1100** | **5,500** | 80 | **2800** | **27** | ND<40 | -- | ND<80 | ND<80 | ND<80 | 64 | -- | <40 | **2,700** | 69 |
| | 15 | 6/28/2021 | **230** | **1500** | **9,700** | 130 | **4700** | **37** | ND<40 | -- | ND<80 | ND<80 | ND<80 | 87 | -- | <40 | **4,200** | 110 |
| | 35 | 6/28/2021 | **400** | **270** | **11,000** | 190 | **6100** | ND<10 | ND<40 | -- | 43 | ND<80 | 43 (m,p) | -- | -- | <40 | **2,900** | 110 |
| LV-3 | 10 | 3/28/2023 | **170** | **530** | 480 | 40 | **50** | **20 J** | **210** | 700 | 660 | 310 | -- | ND<12.5 | ND<7.8 | ND<12.5 | **420** | 20 J |
| LV-4 | 5 | 6/28/2021 | **450** | **3800** | 250 | -- | **14** | **67** | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | **1,400** | <40 |
| | 14 | 6/28/2021 | <16 | **10000** | **6,500** | 120 | **1000** | **42** | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | **1,800** | 110 |
| | 35 | 6/28/2021 | <16 | 31 | **16,000** | 84 | **2200** | **14** | ND<40 | -- | ND<80 | ND<80 | ND<80 | 68 | -- | <40 | **3,000** | 310 |
| LV-5 | 20 | 6/29/2021 | **1500** | **640** | ND<40 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | <40 | -- |
| | 34 | 6/29/2021 | **330** | **790** | 380 | -- | ND<10 | ND<10 | 44 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | <40 | -- |
| LV-5 | 20 | 3/28/2023 | **80** | 60 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| LV-6 | 20 | 6/29/2021 | **710** | **580** | 200 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | 230 | <40 |
| | 35 | 6/29/2021 | **88** | **840** | 970 | -- | **22** | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | 590 | <40 |
| LV-7 | 7 | 6/29/2021 | **350** | **580** | ND<40 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | <40 | **650** | <40 |
| | 15 | 6/29/2021 | **570** | **1400** | 360 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | 190 | -- | <40 | **2,300** | <40 |
| | 15 REP | 6/29/2021 | **630** | **1500** | 450 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | 220 | -- | <40 | **2,900** | <40 |
| | 35 | 6/29/2021 | 38 | **830** | **3,800** | 84 | **720** | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | 260 | -- | <40 | **3,600** | 190 |
| LV-8 | 5 | 6/28/2021 | **82** | **390** | 540 | -- | **2200** | **82** | ND<40 | -- | 72 | ND<80 | 72 (m,p) | -- | -- | <40 | **2,100** | 78 |
| | 15 | 6/28/2021 | 44 | **1000** | **6,400** | 91 | **2500** | **46** | ND<40 | -- | <80 | ND<80 | ND<80 | 100 | -- | <40 | **6,500** | 500 |
| | 35 | 6/28/2021 | <16 | **170** | **5,800** | 60 | **1800** | ND<10 | ND<40 | -- | <80 | ND<80 | ND<80 | 77 | -- | <40 | **5,300** | 470 |
| LV-9 | 6 | 6/28/2021 | **3500** | **530** | ND<40 | -- | ND<10 | 11 | ND<40 | -- | 68 | ND<80 | 68 (m,p) | -- | -- | <40 | 110 | <40 |
| | 6 REP | 6/28/2021 | **4100** | **640** | ND<40 | -- | ND<10 | **14** | ND<40 | -- | 91 | ND<80 | 91 (m,p) | -- | -- | 41 | 120 | <40 |
| | 15 | 6/28/2021 | **6800** | **2900** | 280 | -- | ND<10 | <10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | 77 | **1,400** | <40 |
| | 35 | 6/28/2021 | <16 | **600** | **6800** | 130 | **52** | <10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | 58 | -- | ND<40 | **2400** | 68 |
| LV-10 | 6 | 6/28/2021 | **6000** | **210** | ND<40 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | 66 | ND<40 | ND<40 |
| | 15 | 6/28/2021 | **2300** | **330** | ND<40 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | ND<40 | 170 | ND<40 |
| | 35 | 6/28/2021 | **250** | **550** | 220 | -- | ND<10 | ND<10 | ND<40 | -- | ND<80 | ND<80 | ND<80 | -- | -- | ND<40 | **1400** | ND<40 |

**Summary of Historical Soil Vapor Results for Select VOCs**
Rosemead Holding / PDC
2200 North Rosemead Boulevard
South El Monte, California

| Sample ID | Depth (ft bgs) | Date Sampled | VOCs by USEPA Method 8260B ($ug/m^3$) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | cis-1,2-DCE | tran-1,2-DCE | Vinyl Chloride | Benzene | Ethylbenzne | Toluene | m,p-Xylenes | o-Xylene | Total Xylenes | MTBE | Chloroform | 1,1,1-TCA | 1,1-DCA | 1,1-DCE |
| *San Francisco Regional Water Quality Control Board Environmental Screening Levels* [3] | | | *67* | *100* | *1,200* [4] | *12,000* [4] | *5.2* | *14* | *160* | *44,000* [4] | *15,000* [4] | *15,0004* [5] | *15,000* [4] | *1,600* | *18* | *150,000* [4] | *260* | *1000* [4] |
| HP-1 | 5 | 9/24/2020 | **10,000** | **1,600** | 70 | 21 | 7.2 | 12 | 10 | 2,700 | -- | -- | 34 | -- | **67** | -- | -- | 4.8 |
| | 15 / DUP | 9/24/2020 | **13,000 / 13,000** | **2,500 / 2,500** | 180 / 180 | 33 /32 | ND<5.0 / **5.4** | 5.6 / 4.4 | 7.2 / ND<10 | 37 / 22 | -- | -- | 33 / 11 | -- | 9.4 / 8.8 | -- | -- | ND<5.0 / 3.4 |
| | 30 | 9/24/2020 | **6,900** | **2,000** | 530 | 49 | 6.0 | 4.6 | ND<10 | 22 | -- | -- | 16 | -- | 10 | -- | -- | ND<5.0 |
| | 40 | 9/24/2020 | **1,400** | **1,000** | 1,100 | 26 | 38 | 6.8 | ND<10 | 20 | -- | -- | 18 | -- | ND<5.0 | -- | -- | 9.2 |
| HP-1 | 30 | 3/28/2023 | **900** | **230** | 50 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 40 | 3/28/2023 | 20 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| HP-2 | 5 | 9/24/2020 | **18,000** | **3,600** | 500 | 94 | 18 | 13 | 8.8 | 62 | -- | -- | 36 | -- | **49** | -- | -- | 10 |
| | 15 | 9/24/2020 | **30,000** | **7,900** | **2,500** | 220 | 24 | 5.2 | ND<5.9 | 27 | -- | -- | 18 | -- | 17 | -- | -- | 15 |
| | 30 | 9/24/2020 | **25,000** | **8,600** | **3,900** | 280 | 28 | 4.4 | ND<5.9 | 19 | -- | -- | 10 | -- | 7.4 | -- | -- | 9.4 |
| | 40 | 9/24/2020 | **7,400** | **6,500** | **4,900** | 250 | 19 | 5.0 | ND<5.9 | 9.0 | -- | -- | 4.4 | -- | ND<4.2 | -- | -- | 10 |
| HP-2 | 30 | 3/28/2023 | **6,500** | **1,300** | 200 | 30 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | 60 | ND<12.5 |
| | 40 | 3/28/2023 | **530** | 90 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| HP-3 | 5 | 9/24/2020 | **10,000** | **1,500** | 48 | 14 | ND<2.3 | 7.2 | ND<5.9 | 24 | -- | -- | 13 | -- | 12 | -- | -- | ND<2.1 |
| | 15 | 9/24/2020 | **11,000** | **3,000** | 130 | 43 | ND<2.3 | ND<2.2 | ND<5.9 | 13 | -- | -- | 3.6 | -- | 16 | -- | -- | ND<2.1 |
| | 30 | 9/24/2020 | **8,300** | **2,800** | 450 | 74 | ND<2.3 | **14** | ND<5.9 | 17 | -- | -- | 2.2 | -- | 14 | -- | -- | 6.8 |
| | 40 | 9/24/2020 | **5,900** | **3,700** | **1,200** | 150 | 7.8 | **17** | ND<5.9 | 17 | -- | -- | 4.2 | -- | ND<4.2 | -- | -- | 17 |
| HP3 | 30 | 3/28/2023 | 20 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 40 | 3/28/2023 | **4,800** | **1,300** | 40 | 30 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | 230 | ND<12.5 |
| HP-4 | 5 | 9/25/2020 | **5,900** | **2,200** | **5,600** | 230 | **17,000** | **1,800** | **15,000** | 37,000 | -- | -- | **63,000** | -- | **33** | -- | -- | 35 |
| | 15 / DUP | 9/25/2020 | **180 / 220** | 84 / **100** | 310 / 320 | 19 / 12 | **550 / 740** | **30 / 26** | **440 / 200** | 2,800 / 1,400 | -- | -- | 2,960 / 1,440 | -- | 14 / 12 | -- | -- | 15 / 17 |
| | 30 | 9/25/2020 | **93** | **160** | **2,100** | 34 | **610** | 7.8 | **180** | 1,400 | -- | -- | 1,170 | -- | 13 | -- | -- | 49 |
| | 40 | 9/25/2020 | **190** | **170** | **2,700** | 50 | **670** | 7.0 | **350** | 3,100 | -- | -- | 2,400 | | ND<5.0 | -- | -- | 53 |
| HP-4 | 5 | 3/28/2023 | **850** | **380** | **5,900** | 110 | **6,900** | **760** | **4,100** | **45,000** | **12,000** | **3,800** | -- | ND<12.5 | ND<7.8 | ND<12.5 | **2,700** | 50 |
| | 5 DUP | 3/28/2023 | **460** | **380** | **4,300** | 100 | **6,200** | **680** | **2,900** | **47,000** | 9,700 | 2,600 | -- | ND<50 | ND<31 | ND<50 | **2,300** | 50 J |
| | 15 | 3/28/2023 | 50 | 30 | 310 | ND<12.5 | **150** | **50** | **610** | 5,400 | 2,500 | 880 | -- | ND<12.5 | ND<7.8 | ND<12.5 | 130 | ND<12.5 |
| | 30 | 3/28/2023 | **160** | **220** | 600 | ND<25 | **330** | **40** | **160** | 6,000 | 620 | 220 | -- | ND<25 | ND<15.5 | ND<25 | **660** | ND<25 |
| | 40[1] | 3/28/2023 | **300** | **230** | **1,500** | 50 | **11,000** | **470** | **1,400** | 29,000 | 4,700 | 1,200 | -- | ND<25 | ND<15.5 | ND<25 | **1,100** | ND<25 |
| | 40 | 4/10/2023 | 40 | **140** | 1,000 | <12.5 | **12 J** | ND<6.0 | **30** | 490 | 130 | ND<12.5 | -- | 100 | ND<7.8 | ND<12.5 | **660** | ND<12.5 |
| | 40 | 4/13/2023 | 30 | **180** | **1,300** | 30 | **40** | ND<6.0 | ND<12.5 | 60 | <25 | <12.5 | -- | 150 | ND<7.8 | ND<12.5 | **830** | ND<12.5 |
| | 40[2] | 4/13/2023 | 50 | **250** | **2,000** | 58 | **94** | 2.8 J | 8.2 J | 130 | 45 | 27 | -- | 130 | ND<1.1 | ND<1.1 | **1,200** | 48 |

**Summary of Historical Soil Vapor Results for Select VOCs**
Rosemead Holding / PDC
2200 North Rosemead Boulevard
South El Monte, California

| Sample ID | Depth (ft bgs) | Date Sampled | VOCs by USEPA Method 8260B ($ug/m^3$) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | cis-1,2-DCE | tran-1,2-DCE | Vinyl Chloride | Benzene | Ethylbenzne | Toluene | m,p-Xylenes | o-Xylene | Total Xylenes | MTBE | Chloroform | 1,1,1-TCA | 1,1-DCA | 1,1-DCE |
| *San Francisco Regional Water Quality Control Board Environmental Screening Levels* [3] | | | *67* | *100* | *1,200* [4] | *12,000* [4] | *5.2* | *14* | *160* | *44,000* [4] | *15,000* [4] | *15,0004* [5] | *15,000* [4] | *1,600* | *18* | *150,000* [4] | *260* | *1000* [4] |
| HP-5 | 5 | 3/28/2023 | 60 | 40 | ND<12.5 | ND<0.030 | ND<0.6 | ND<6.0 | 50 | 270 | 170 | 70 | -- | ND<12.5 | ND<15.5 | ND<12.5 | ND<12.5 | ND<12.5 |
| HP-6 | 5 | 3/20/2023 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | 20 J | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 15 | 3/20/2023 | **240** | **310** | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | 10 J | ND<12.5 | ND<12.5 | ND<12.5 |
| HP-7 | 5 | 3/20/2023 | 20 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| HP-8 | 5 | 3/20/2023 | 30 | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 15 | 3/20/2023 | **410** | **140** | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| HP-9 | 5 | 3/20/2023 | **13,000** | **350** | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 15 | 3/20/2023 | **56,000** | **2,000** | 70 | 50 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | 10 J | 50 | ND<12.5 | ND<12.5 |
| HP-10 | 5 | 3/20/2023 | **570** | 50 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 15 | 3/20/2023 | **1,400** | **160** | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | 20 J | ND<12.5 | ND<12.5 |
| HP-11 | 5 | 3/20/2023 | **80** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 15 | 3/20/2023 | **150** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 15 DUP | 3/20/2023 | **150** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| HP-12 | 5 | 3/28/2023 | **210** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | 90 | 960 | 330 | 100 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 15 | 3/28/2023 | **150** | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | 150 | 40 J | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | 20 | ND<12.5 |
| HP-13 | 5 | 3/28/2023 | **110** | **110** | 60 | ND<12.5 | **110** | **60** | **180** | 130 | 290 | 100 | -- | ND<12.5 | ND<7.8 | ND<12.5 | 60 | ND<12.5 |
| HP-14 | 5 | 3/20/2023 | **170** | 14 J | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 15 | 3/20/2023 | **810** | 80 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| HP-15 | 5 | 3/20/2023 | ND<12.5 | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | ND<12.5 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| | 15 | 3/20/2023 | 20 J | ND<12.5 | ND<12.5 | ND<12.5 | ND<0.6 | ND<6.0 | ND<12.5 | 100 | ND<25 | ND<12.5 | -- | ND<12.5 | ND<7.8 | ND<12.5 | ND<12.5 | ND<12.5 |
| SB-2 | 5 | 08/22/20 | **68** | 50 | ND | -- | ND | 4.7 | ND | 35 | -- | -- | 10 | -- | -- | -- | ND | -- |
| | 15 | 08/22/20 | 29 J | 49 J | ND<40 | -- | ND | **22 J** | ND | 190 | -- | -- | 32 J | -- | -- | -- | ND | -- |
| SB-5 | 5 | 08/21/20 | **350** | **150** | ND<40 | -- | ND | ND | **180** | 1,600 | -- | -- | 1,100 | -- | -- | -- | ND | -- |
| | 15 | 08/21/20 | **460** | **460** | ND | -- | ND | ND | 27 | 230 | -- | -- | 170 | -- | -- | -- | 51 | -- |
| SB-8 | 5 | 08/22/20 | **190** | **280** | 28 | -- | ND | **16** | 9.0 | 60 | -- | -- | 28 | -- | -- | -- | 130 | -- |
| | 15 | 08/22/20 | **170** | **1,300** | 910 | -- | **55** | ND | ND | 24 | -- | -- | 36 | -- | -- | -- | ND | -- |
| SB-9 | 5 | 08/21/20 | **130** | **200** | ND | -- | 1.1 J | ND | 3.7 | 37 | -- | -- | 19 | -- | -- | -- | ND<61 | -- |
| | 15 | 08/21/20 | **87** | **390** | 110 | -- | 0.48 J | 1.7 J | 0.90 J | 5.6 | -- | -- | 8.4 | -- | -- | -- | 77 | -- |
| SB-10 | 5 | 08/22/20 | **200** | **1,300** | 93 | -- | 1.8 J | **100** | 8.5 J | 33 | -- | -- | 50 | -- | -- | -- | 250 | -- |
| | 15 | 08/22/20 | **250** | **2,800** | **5,100** | -- | **220** | 29 B,J | 14 J | 59 | -- | -- | 96 J | -- | -- | -- | **1,400** | -- |
| SB-13 | 5 | 08/22/20 | **280** | **1,300** | 770 | -- | ND<61 | ND | ND | 50 J | -- | -- | 23 J | -- | -- | -- | 210 | -- |
| | 15 | 08/22/20 | **270** | **1,700** | **3,100** | -- | ND<38 | ND<48 | ND<65 | 29 J | -- | -- | ND<65 | -- | -- | -- | **360** | -- |

**Summary of Historical Soil Vapor Results for Select VOCs**
Rosemead Holding / PDC
2200 North Rosemead Boulevard
South El Monte, California

| Sample ID | Depth (ft bgs) | Date Sampled | VOCs by USEPA Method 8260B ($ug/m^3$) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | cis-1,2-DCE | tran-1,2-DCE | Vinyl Chloride | Benzene | Ethylbenzne | Toluene | m,p-Xylenes | o-Xylene | Total Xylenes | MTBE | Chloroform | 1,1,1-TCA | 1,1-DCA | 1,1-DCE |
| *San Francisco Regional Water Quality Control Board Environmental Screening Levels* [3] | | | *67* | *100* | *1,200* [4] | *12,000* [4] | *5.2* | *14* | *160* | *44,000* [4] | *15,000* [4] | *15,0004* [5] | *15,000* [4] | *1,600* | *18* | *150,000* [4] | *260* | *1000* [4] |
| SB-14 | 5 | 08/22/20 | **360** | **820** | 54 | -- | ND | **95** | 100 | 39 | -- | -- | 120 | -- | -- | -- | **490** | -- |
| | 15 | 08/22/20 | **120** | **3,300** | 1,100 | -- | ND | 6.7 | **160** | 11 | -- | -- | 490 | -- | -- | -- | **1,400** | -- |
| SB-15 | 5 | 08/22/20 | **230** | 87 J | ND | -- | ND | ND | ND | 79 J | -- | -- | 44 J | -- | -- | -- | 150 | -- |
| | 15 | 08/22/20 | **260** | **140** | ND | -- | ND | ND | 5.6 J | 160 | -- | -- | 42 J | -- | -- | -- | 7.6 J | -- |
| SB-16 | 5 | 08/22/20 | **110** | **660** | 900 | -- | ND | **170** | 110 | 100 | -- | -- | 730 | -- | -- | -- | **1,700** | -- |
| | 15 | 08/22/20 | **100 J** | **1,200** | **5,000** | -- | ND | **54** | ND | 31 | -- | -- | 23 J | -- | -- | -- | **3,600** | -- |
| SB-17 | 5 | 08/22/20 | **740** | **2,400** | 720 | -- | **510** | **190** | **4,900** | 6,200 | -- | -- | **6,100** | -- | -- | -- | **5,100** | -- |
| | 15 | 08/22/20 | **120** | **190** | 220 | -- | ND | **24** | **410** | 510 | -- | -- | **1,200** | -- | -- | -- | **2,000** | -- |
| SB-18 | 5 | 08/22/20 | **980** | **2,200** | **3,400** | -- | **580** | ND | 38 J | 120 J | -- | -- | 220 J | -- | -- | -- | **1,300** | -- |
| | 15 | 08/22/20 | **2,200** | **2,500** | **14,000** | -- | ND | **57 J** | 120 J | 130 | -- | -- | 680 | -- | -- | -- | **4,300** | -- |
| SB-20 | 5 | 08/21/20 | ND | **330 J** | 940 | -- | ND | **120 J** | 110 J | 270 | -- | -- | 260 J | -- | -- | -- | **1,300** | -- |
| | 15 | 08/21/20 | ND | 100 J | 890 | -- | ND | ND | 110 J | 720 | -- | -- | 210 J | -- | -- | -- | 2,500 | -- |
| SB-21 | 5 | 08/22/20 | **4,000** | **6,000** | **18,000** | -- | **32,000** | **3,700** | **30,000** | **320,000** | -- | -- | **130,000** | -- | -- | -- | **10,000** | -- |
| | 15 | 08/22/20 | **820** | **290 J** | 300 | -- | **860** | **210** | **1,200** | 9,400 | -- | -- | 6,500 | -- | -- | -- | **2,500** | -- |
| SB-22 | 5 | 08/22/20 | ND | **320 J** | 330 J | -- | ND | ND | ND | ND | -- | -- | 160 J | -- | -- | -- | **540** | -- |
| | 15 | 08/22/20 | **530** | **2,100** | 120 | -- | ND | ND | ND | ND | -- | -- | 7.5 J | -- | -- | -- | **1,800** | -- |
| SB-23 | 5 | 08/22/20 | 59 | 22 | 6.5 J | -- | ND | **48** | 19 J | 150 | -- | -- | 91 | -- | -- | -- | 27 | -- |
| | 15 | 08/22/20 | **360** | **420** | 15 | -- | **11** | ND | ND | 53 | -- | -- | 9.5 J | -- | -- | -- | **1,100** | -- |
| SB-24 | 5 | 08/21/20 | **580** | 20 | ND<12 | -- | ND | **19** | 23 | 220 | -- | -- | 110 | -- | -- | -- | ND<12 | -- |
| | 15 | 08/21/20 | **980** | **120** | ND<12 | -- | 4.1 J | ND<9.6 | 20 | 92 | -- | -- | 97 | -- | -- | -- | 89 | -- |
| SB-25 | 5 | 08/21/20 | **150** | 6.9 | 1.7 J | -- | ND | 4.9 | 60 | 33 | -- | -- | 410 | -- | -- | -- | 1.6 J | -- |
| | 15 | 08/21/20 | **680** | 71 | ND | -- | ND | 2.5 B,J | 70 | 11 J | -- | -- | 490 | -- | -- | -- | 21 | -- |
| SB-26 | 5 | 08/27/20 | **10,000** | **1,000** | ND | -- | ND | ND | ND | 75 J | -- | -- | 56 J | -- | -- | -- | 32 J | -- |
| | 15 | 08/27/20 | **41,000** | **8,500** | 250 | -- | ND | ND | ND | 130 J | -- | -- | 130 J | -- | -- | -- | **1,000** | -- |
| SB-27 | 5 | 08/21/20 | **390** | **2,500** | 580 | -- | **18** | **14** | 21 | 160 | -- | -- | 120 | -- | -- | -- | **960** | -- |
| | 15 | 08/21/20 | **6,300** | **5,400** | **2,300** | -- | **43** | **35 B,J** | 23 J | 140 | -- | -- | 130 J | -- | -- | -- | **2,600** | -- |
| SB-28 | 5 | 08/22/20 | **2,200** | **850** | **1,400** | -- | ND | **100** | 49 J | 340 | -- | -- | 390 | -- | -- | -- | **260** | -- |
| | 15 | 08/22/20 | **32,000** | **8,300** | **1,800** | -- | ND | ND | ND | 830 | -- | -- | ND | -- | -- | -- | **1,800** | -- |
| SB-29 | 5 | 08/21/20 | **5,500** | **1,300** | 270 | -- | ND | **67** | 50 J | 330 | -- | -- | 280 J | -- | -- | -- | 180 | -- |
| | 15 | 08/21/20 | **5,200 J** | **4,500 J** | **11,000** | -- | **20,000** | **3,400 J** | **19,000** | **230,000** | -- | -- | **93,000** | -- | -- | -- | **6,800** | -- |

**Summary of Historical Soil Vapor Results for Select VOCs**

Rosemead Holding / PDC

2200 North Rosemead Boulevard

South El Monte, California

| Sample ID | Depth (ft bgs) | Date Sampled | VOCs by USEPA Method 8260B ($ug/m^3$) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | cis-1,2-DCE | tran-1,2-DCE | Vinyl Chloride | Benzene | Ethylbenzne | Toluene | m,p-Xylenes | o-Xylene | Total Xylenes | MTBE | Chloroform | 1,1,1-TCA | 1,1-DCA | 1,1-DCE |
| *San Francisco Regional Water Quality Control Board Environmental Screening Levels* [3] | | | *67* | *100* | *1,200* [4] | *12,000* [4] | *5.2* | *14* | *160* | *44,000* [4] | *15,000* [4] | *15,0004* [5] | *15,000* [4] | *1,600* | *18* | *150,000* [4] | *260* | *1000* [4] |
| SB-30 | 5 | 08/22/20 | **1,300** | **330** | 20 J | -- | ND | ND | 9.0 J | 51 | -- | -- | 46 J | -- | -- | -- | 29 J | -- |
| | 15 | 08/22/20 | **100,000** | ND | **2,500** | -- | ND | **160 J** | **200 J** | 1,000 | -- | -- | 1,000 | -- | -- | -- | **2,400** | -- |
| SB-33 | 5 | 08/22/20 | **300** | 19 | ND | -- | ND | 9.1 | 2.8 J | 22 | -- | -- | 21 | -- | -- | -- | ND | -- |
| | 15 | 08/22/20 | **5,100** | **980** | 18 | -- | ND | **29** | ND | 12 J | -- | -- | 4.9 J | -- | -- | -- | 12 J | -- |

**Key:**

ND<X = not detected above the indicated method detection limit (MDL)

DCE = dichloroethene

DCA = Dichloroethane

ft bgs = feet below ground surface

J = Estimated value between the MDL and Reporting Limit

MTBE = Methyl-t-Butyl Ether

PCE = tetrachloroethene

TCE = trichloroethene

TCA = Trichloroethane

USEPA = United States Environmental Protection Agency

VOCs = volatile organic compounds

µg/m³ = micrograms per cubic meter

SFRWQCB = San Francisco Regional Water Quality Control Board

ESL = Environmental Screening Levels

REP = Replicate

DUP = Duplicate

**Notes:**

(1) = Sample results are considered anamalous.

(2) = Sample analyzed by Eurofins Calscience

(3) = SFRWQCB ESLs Subslab/Soil Gas Screening Levels, updated 2019; commercial/industrial shallow soil exposure (cancer risk)

(4) = SFRWQCB ESLs Subslab/Soil Gas Screening Levels, updated 2019; commercial/industrial shallow soil exposure (non-cancer risk)

**BOLD** = Exceeds screening level value

# INTERIM SOIL CONTINGENY AND MANAGEMENT PLAN
# ROSEMEAD HOLDING LLC – PHASE I DEVELOPMENT
# 2200 NORTH ROSEMEAD BOULEVARD
# SOUTH EL MONTE, CALIFORNIA 91733

Prepared for

**ROSEMEAD HOLDING LLC**
221 NORTH ORANGE AVENUE
INDUSTRY, CALIFORNIA 91744

Prepared by

**LEIGHTON CONSULTING, INC.**
2600 MICHELSON DRIVE, SUITE 400
IRVINE, CALIFORNIA 92612

Project Number 13111.001

March 20, 2023

# INTERIM SOIL CONTINGENCY AND MANGEMENT PLAN
# 2200 NORTH ROSEMEAD BOULEVARD
# SOUTH EL MONTE, CALIFORNIA

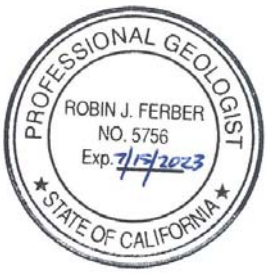
Prepared For

**Rosemead Holding LLC**
221 North Orange Avenue
Industry, California 91744

Project No. 13111.001

March 20, 2023

Matt Himmelstein, PE C57066
Principal Engineer




Robin J. Ferber, PG (5756)
Senior Principal Geologist

Leighton

## TABLE OF CONTENTS

**Section** **Page**


**1.0 INTRODUCTION ..... 1**

**2.0 PURPOSE ..... 3**

**3.0 SITE BACKGROUND ..... 4**

3.1 Site Description ..... 4
3.2 Geological Description ..... 5

**3.2.1 Regional Geology** ..... 5
3.2.2 Site-Specific Geology ..... 5

3.3 Hydrogeological Description ..... 6

3.3.1 Regional Hydrogeology ..... 6
3.3.2 Site-Specific Hydrogeology ..... 7
3.3.3 Groundwater Usage ..... 7

3.4 Relevant Site Investigations and Assessments ..... 8

3.4.1 Current Pre-Remediation Site Investigations ..... 8

**4.0 REMEDIAL ACTION GOALS FOR SOIL ..... 10**

**5.0 SITE REMEDIATION ACTIVITIES FOR KNOWN AND UNKNOWN AREAS OF ENVIRONMENTAL CONCERN ..... 11**

5.1 Excavation of Known Environmentally Impaired Soils ..... 11
5.2 Grading and Construction in Areas Without Known Environmentally Impaired Soils ..... 12

5.2.1 Underground Storage Tanks ..... 17
5.2.2 Clarifiers and Pits ..... 17
5.2.3 Vertical Features and Structures ..... 18
5.2.4 Horizontal Features and Structures ..... 18
5.2.5 Stained, Discolored or Odorous Soils and VOC Contaminated Soils ..... 18
5.2.6 Visual Observation ..... 19
5.2.7 Soil Sampling and Laboratory Testing ..... 19
5.2.8 Soil Sample Collection Procedures ..... 20
5.2.9 Laboratory Analysis Selection ..... 20

**6.0 SOIL HANDLING AND REMEDIAL ACTIVITIES ..... 22**

6.1 Soil Excavation Activities ..... 22

6.1.1 Additional Excavation of Suspect Wastes Based on Field Observations 23
6.1.2 Excavation Area Confirmation Soil Sampling ..... 23
6.1.3 Excavation Area Expansion Due to Confirmation Samples Exceeding RAGs ..... 24
6.1.4 Excavation Monitoring ..... 25
6.1.5 Air/Dust Monitoring ..... 25

6.1.6 Laboratory Analysis of Confirmation Soil Samples ..... 28
6.1.7 Step-Out Excavations ..... 29
6.1.8 Soil Stockpile Management and Sampling ..... 29
6.1.9 Dewatering of Excavation if Perched Groundwater is Encountered ..... 36

**7.0 FEATURES REQUIRING PERMITS ..... 37**

**8.0 REPORTING ..... 38**

8.1 RWQCB Notification of Newly Discovered Areas Potentially Affected by Hazardous Substances and Petroleum Products ..... 38
8.2 Preparation of Summary Report ..... 38

**9.0 REFERENCES ..... 39**

## TABLES (IN TEXT)

Table 1 - Sampling and Analysis of Previously Unknown Areas of Potential Environmental Concern for Soil Observed at Rosemead Site during Demolition and Grading ..... 15

## ATTACHMENTS

## FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Plan Prior to Demolition
Figure 3 – Architectural Schematic of Proposed Rosemead Holding Phase 1 Development
Figure 4 – Approximate Extent of Soil Exceeding Remedial Action Goals
Figure 5 – Soil Remediation/Disposal Decision Tree

## APPENDICES

Appendix A – City of South El Monte Planning Department Certificate of Compliance for Lot Merger and Certificate of Lot Line Adjustment, and Lot Merger
Appendix B – November 2022 Preliminary Endangerment Assessment
Appendix C - Leighton September 3, 2021 Report, Limited Soil and Soil Vapor Site Investigation, Rosemead Holding, LLC
Appendix D – March 17, 1998 RWQCB No Further Requirements Letter
Appendix E – SCAQMD Rule 1466

# 1.0 INTRODUCTION

This Interim Soil Contingency and Management Plan (ISCMP) has been prepared by Leighton Consulting, Inc. (Leighton) for Rosemead Holding LLC (Rosemead) to address known and potential environmental impacts and minimize construction delays associated with the Phase 1 redevelopment of the former industrial property located at 2200 North Rosemead Boulevard, California (the site or subject property). As discussed with the LARWQCB on March 17, 2023, the ISCMP is considered an "interim" document because it does not address any vapor intrusion issues at the Site. Rosemead will provide information regarding vapor intrusion mitigation as an Addendum to the ISCMP. Figure 1 is a site location map of the subject property. The site is approximately 5.1-acres and primarily consists of concrete and asphalt pavement with limited areas of exposed soil and vegetation in the southern portion.

As a part of Rosemead's Phase 1 development plans, the buildings on this former industrial site were demolished in January and February 2022 with the pavement left intact. Prior to the demolition (Figure 2), the central, northern, and western portions of the subject property were developed with five buildings; the easternmost buildings were utilized for industrial cleaning activities associated with Ditty Container, Inc. The westernmost buildings were previously used for automotive repair and tire services. The northeast and eastern portions of the subject site were utilized for storage of used metal 55-gallon drums, cubic plastic tote containers, and associated accessories used in the food industry. The southern portion of the site consisted of an asphalt and unpaved lot which was used as storage for truck trailers and shipping containers for the transport of food drums and related items. With the exception of former landscaped areas and portions of the southern site where exposed soil is evident, the vast majority of site is paved.

The proposed land use for the site consists of one three-story building which on the ground floor includes approximately 112,405 square feet (SF) of warehouse space, 8,200 SF of retail space, 1,950 SF of office space, resulting in a building footprint of approximately 122,555 SF. The second floor and mezzanine of the building will have 14,445 SF of warehouse storage space and 8,875 SF of office space. The third floor of the building will have 9,705 SF of office space. The total square footage for the building is approximately 155,580. Only surface parking is planned in the areas peripheral to the Phase 1 development building. The proposed improvements detailed in the Site Plan may be subject to some modifications in the future.

Prior to the commencement of redevelopment activities, the ISCMP will be reviewed and approved by the California Regional Water Quality Control Board, Los Angeles

Region (RWQCB) which is providing regulatory environmental oversight for the project under Site Cleanup Program Oversite Cost Reimbursement Account WIP No. 107.0266 (dated September 27, 2021). Once approved by the RWQCB, the ISCMP will be implemented during construction as a means to address pre-existing and previously undiscovered environmental conditions present in shallow soil onsite.

The site is generally located north of Rush Street and east of Rosemead Boulevard in the City of South El Monte, California (Figure 1). The site incorporates the Los Angeles County AIN parcels: 8102-039-031, 8102-039-035, 8102-039-029, and 8102-039-030 which are being merged by the City of South El Monte into a single lot (Appendix A). The merged parcels are also subject to a City of South El Monte Lot Line Adjustment (Appendix A).

The RWQCB has indicated that potential exposures to the chemicals of concern (COCs) in shallow soil must be protective of (1) the future occupants at the subject property and (2) groundwater. To evaluate risks from the COCs at the site, a Preliminary Endangerment Assessment (Appendix B) was prepared by Enviro-Tox Services, Inc. The purpose of the PEA was to determine if the presence of anthropogenic chemicals in soil at the site represents a threat to current and future site occupants. A copy of the PEA is presented in Appendix B.

The ISCMP is also designed to protect construction workers in the event that soils/materials are encountered that are contaminated by hazardous substances or petroleum products. The ISCMP will also help minimize impacts to construction activities and schedules during the project.

Contractors and subcontractors (hereinafter, contractors) retained by Rosemead for redevelopment purposes will be provided with an electronic copy of the ISCMP and be required to monitor for potential environmental impacts to soil during the demolition of the building slabs/paving and during grading of the subject property. The contractors will be required to attend a “kick-off meeting” onsite prior to initiation of site demolition and grading activities. At the kick-off meeting, key elements of the ISCMP will be explained and contractors, Rosemead’s project personnel, and Rosemead’s environmental consultant will be provided with a contact list identifying individual responsibilities for communications and response should previously unidentified environmental impacts in soil be discovered during site demolition and grading activities. If requested by Rosemead, the City of South El Monte will also be provided with an electronic copy of the ISCMP.

## 2.0 PURPOSE

The procedures described in this ISCMP will facilitate the proper characterization and handling of COC-affected soil that workers are likely to encounter during site redevelopment. Additionally, this ISCMP details procedures if previously unknown historical improvements such as underground storage tanks (USTs), clarifiers, sumps, interceptors, vaults, buried containers (e.g., 55-gallon drums), and/or piping are encountered during site demolition, grading and redevelopment.

Contractors, subcontractors, equipment operators and other personnel working on environmental and activities associated with this project must be Hazardous Waste Operations and Emergency Response (HAZWOPER) trained with up-to-date refresher training. The contractors will be responsible for the health and safety of their respective workers and for properly communicating the presence of suspected COCs to Rosemead and Rosemead's environmental consultant when evidence of such is encountered. Leighton will conduct field screening, soil sampling, characterizing/profiling, dust monitoring (i.e., in compliance with South Coast Air Quality Management District's (SCAQMD) Rules 402, 403, and 1466), VOC monitoring (in compliance with SCAQMD Rule 1166), and coordinating the handling and/or removal of materials affected by hazardous substances and/or petroleum products.

Contractors for the redevelopment project will be provided with a copy of the ISCMP and be required to monitor for potential unidentified environmental concerns in soil during the work. In addition, the contractors will be required to attend a "kick-off meeting" prior to initiation of onsite activities. At the kick-off meeting, key elements of the ISCMP will be explained and a contact list will be provided to identify individuals with responsibilities for communications and response should previously unidentified environmental impacts be discovered during the work. The preparation and implementation of a site-specific Health and Safety Plan (HASP) will be the responsibility of each individual contractor (including the environmental consultant).

Pertinent information relevant to environmental conditions in shallow soil at the site can be obtained from review of Leighton's September 3, 2021 *Report, Limited Soil and Soil Vapor Site Investigation, Rosemead Holding, LLC – Phase I Development 2200 North Rosemead Boulevard South El Monte, California* (Appendix C). Additional information regarding prior soil, soil gas, and groundwater investigations conducted at the site is summarized in Section 4.0 of this ISCMP.

# 3.0 SITE BACKGROUND

## 3.1 Site Description

The information presented in this section was primarily excerpted from the September 3, 2021 Report (Appendix C) prepared by Leighton on behalf of Rosemead, regarding the subject property.

The site is generally located north of Rush Street and east of Rosemead Boulevard in the City of South El Monte, California (see Figure 1). The site includes all or portions of the following Los Angeles County AIN parcels: 8102-039-031, 8102-039-035, 8102-039-029, and 8102-039-030. For the site and as noted, Rosemead has filed for a Lot Merger and Lot Line Adjustment with the City of South El Monte.

The former, now vacated tenants of the various APNs included:

1. the easternmost and most significant portion of the site was occupied by Ditty Container, Inc. (Ditty). Ditty subleased the property from Pacific Coast Drum Company (PCD) from 1996 and has left the site. Both PCD and Ditty cleaned, refurbished, and in some cases, repainted drums and refurbished plastic tote containers since the 1940s, primarily for the food industry.

2. the northwestern-most portion of the site was formerly operated by BJ's Tire Spot and used for tire and truck tire repairs.

3. the two buildings south of BJ's Tire Spot were occupied by DreamWorks Auto Center and were used for auto body repair. Some of the building office space was shared with both Ditty and DreamWorks Auto Center.

   Based on a review of historical documents and aerial photographs, the subject property appears to have the following historical and current land use history:

   - Approximately 1928 through 1948 - Agricultural land use
   - Approximately 1948 through 1959 – Construction equipment storage
   - 1959 - Pacific Coast Drum Company (PCD) develops site and adjoining property to the north as a drum cooperage facility for reconditioning of steel drums primarily used in the food industry

- 1996 to late 2021 – Ditty Container Company, Inc. (drum cleaning and reconditioning); including aboveground/underground storage tanks (AST/UST) and sumps
- 1996 to late 2021 - various auto body shops have occupied the western portion of the subject property
- Early 2022 – Surface demolition of all site buildings has been accomplished. Remaining onsite is the pavement\building slabs; however, limited areas of exposed soil are present in the southeastern portion of the site.
- Late April 2022 – Interim remedial measures associated with a soil vapor extraction (SVE) pilot test are ongoing and have been communicated to the RWQCB as a part of their oversight program.

## 3.2 Geological Description

### 3.2.1 Regional Geology

The proposed development lies within the western portion of the San Gabriel Valley, which is an east-trending, sediment-filled structural trough adjacent to the southern flank of the San Gabriel Mountains. The San Gabriel Mountains are a major component of the Transverse Ranges geomorphic province of California. The Montebello and Puente hills lie southwest and southeast of the site, respectively. These elevated areas are separated by Whittier Narrows, a gap through which the Rio Hondo and San Gabriel rivers pass through. The Rio Hondo River lies less than a mile west of the site. Published geologic maps indicate the site is underlain by Quaternary age young alluvial fan deposits (Dibblee, 1999; Yerkes and Campbell, 2005; Figure 3, *Regional Geology Map*). These deposits typically consist of varying amounts of silt, sand, and gravel layers (Yerkes et al, 1965).

### 3.2.2 Site-Specific Geology

The subject site, approximately 237 feet above mean sea level (AMSL), is located approximately 0.25 miles east of the Rio Hondo River and approximately 2.75 miles west of the San Gabriel River, within the Los Angeles Basin (Basin), a structural trough located within Southern California. The Basin is a northwest-trending lowland plain about 50 miles

long and 20 miles wide with extensive alluviation. Mountains and hills that generally expose Late Cretaceous to Late Pleistocene-age sedimentary and igneous rocks bound the Basin along the north, northeast, east and southeast (Dibblee, Jr., 1999).

The Basin is part of the Peninsular Ranges geomorphic province of California, which is characterized by subparallel blocks sliced longitudinally by young, steeply dipping northwest-trending fault zones. The Basin is a region of active sedimentation, and strata are interpreted to be as much as 31,000 feet thick in the center of the trough.

The near-surface native soils at the subject site are Holocene-age non-marine alluvium comprised of varying proportions of sand, gravel, silt, and clay deposited by the rivers. These deposits are anticipated to be on the order of several hundred feet in thickness, where they are subsequently underlain by thick (several thousands of feet) sequences of sedimentary rock formations (Dibblee, Jr., 1999).

During Leighton's 2021 site investigation, the borings were observed and logged for geologic descriptions. Generally, the soils encountered in the subsurface of the subject property consisted primarily of light brown, brown, or dark brown poorly-graded sand and clay with varied gravel content, sandy clay, silt, silty sand, and clayey sand ranging between two (2) inches and 4.5 feet in thickness.

## 3.3 Hydrogeological Description

### 3.3.1 Regional Hydrogeology

The site is located in the San Gabriel Valley (SGV) Groundwater Basin (Basin Number 4-013) of the South Coast Hydrologic Region. The SGV receives an average annual precipitation between 15 to 31 inches and much of this surface water is drained by the San Gabriel River and its tributaries [CWDR, 2004]. Groundwater flows from the edges to the Rio Hondo and San Gabriel drainages, through the Whittier Narrows, and into the Coastal Plain of Los Angeles Basin.

Groundwater within the SGV basin is primarily calcium bicarbonate in nature [CDWR, 2004]. The SGV Basin has an estimated storage capacity of 10,740,00 acre-feet (ac-ft) of groundwater (includes the Raymond and

Upper Santa Ana Valley Basins), with a maximum thickness of water-bearing alluvial deposits in the central portion of the SGV Basin of about 4,100 ft [CDWR, 2004]. Groundwater in this region is mainly unconfined and, since water adjudication in the 1980s, levels have remained reasonably stable, although up to 95 ft variations in water level in the has occurred historically (CDWR, 2004).

### 3.3.2 Site-Specific Hydrogeology

Groundwater was not encountered in any boring drilled during the soil investigations performed by Leighton in 2021. However, two onsite groundwater monitoring wells, MW-2 and MW-3, were gauged during the June 2021 investigation, and respectively exhibited depths of 47.5 and 45.8 feet below the top of their casings. A few feet of water was present in each well: however, further details of their constructions are unknown. Groundwater elevations have lowered over time and depths to groundwater was reported at approximately 32 to 34 feet below ground surface (bgs) in 2002. In 2020, groundwater was measured at 45 feet bgs in October 2020 (EEC, 2020), and approximately 46 to 48 feet bgs during Leighton's June 2021 investigation.

### 3.3.3 Groundwater Usage

The South Coast Hydrologic Region meets approximately 34% of its agricultural and municipal water demands with groundwater [CDWR, 2013].

Based on the California State Water Resources Control Board's Groundwater Ambient Monitoring and Assessment (GAMA) online database (SWRCB, 2021), there are eleven (11) supply wells within one mile of the site. All of these wells are California Department of Water Resources wells, and only limited information about these wells could be identified.

## 3.4 Relevant Site Investigations and Assessments.

### 3.4.1 Current Pre-Remediation Site Investigations

Leighton reviewed multiple reports prepared by several environmental consultants between the years 1988 to 1998. Many of these documents were prepared in response to regulatory oversight that was conducted by the RWQCB. The RWQCB issued a March 17, 1998 No Further Requirements (NFR) letter to the Former Pacific Coast Drum Company (Appendix D). The NFR letter summarized past activities that were conducted under regulatory oversight at the subject property.

Recent site investigations began in 2020 as part of site acquisition and development. In 2020, EEC conducted soil and groundwater investigations which were summarized in EEC Environmental's October 19, 2020 *Technical Memorandum, Results of Phase II Subsurface Investigation in August and September 2020*. Shallow soil sampling from 33 borings and analytical testing for COCs were performed. Dual nested soil vapor probes were installed and sampled for VOCs in 22 borings at depths of 5 feet bgs and 15 feet bgs. Lastly, four additional soil borings to a depth of 48 feet bgs were installed to collect groundwater samples. All of the analytical test data were compared to the San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (2019) established for a commercial/industrial scenario. EEC's analytical test results are summarized in the Leighton's September 3, 2021 report provided in Appendix C.

EFI Global issued an *Additional Site Characterization Report* which was prepared December 9, 2020. The EFI report also included soil sampling activities that were conducted on the site. EFI advanced 16 soil borings in November 2020 to further characterize and document lead and PCB impacts in soil in the eastern and southern portion of the subject property. The results of EFI's soil investigation are also summarized in Appendix C.

Leighton's review of the historical analytical test data from soil sampling indicates that shallow soil beneath portions of 2200 North Rosemead Boulevard is reported to have been affected by elevated concentrations of lead and PCBs. In addition, soil vapor and groundwater are reported to have been affected by elevated concentrations of VOCs.

The above EEC and EFI analytical test data summarized in Appendix C were evaluated against the following multiple sources of soil screening levels established for a commercial setting: the San Francisco Bay Regional Water Quality Control Board (SFBRWQB) Environmental Screening Levels (ESLs) (January 2019), United States Environmental Protection Agency (US EPA) Regional Screening Levels (RSLs) (May 2020), and the California EPA, Department of Toxic Substances Control Screening Levels (DTSC-SLs) (June 2020). These screening levels were not proposed as remedial goals and are presented in the report solely for context in reviewing areas of the site where COCs may require remediation.

A soil and soil vapor investigation conducted by Leighton from June 18, 2021 through June 29, 2021, further characterized the lateral and vertical extent of CAM-17 metals, PCBs, and VOCs in soil, as well as VOCs in soil vapor, in locations beneath the site not investigated by previous consultants. The investigation included 20 soil borings, with ten (10) of these locations having dual- or multi-nested soil vapor probes also installed, up to a maximum depth of 35 feet bgs. The results of Leighton's soil and soil vapor investigation are provided in Appendix C.

Shallow soil at the site has been adequately characterized. Some metals, TPH, and PCBs were detected in excess of their respective commercial ESLs, but generally are limited to the upper 1 to 3 feet, and are limited to the eastern third of the site. Specific COCs include lead, chromium, and PCBs.

## 4.0 REMEDIAL ACTION GOALS FOR SOIL

As identified in the PEA (Enviro-Tox, November 2022) (Appendix B), the maximum detected concentration or the 95% UCL (whichever was higher) of chemicals detected in soil samples were used identify to chemicals of potential concern (COPCs) for the site. The COPCs were then evaluated to identify which COPCs exceeded risk thresholds to identify COCs for the site. For the COPCs, only lead and Cr VI were identified as COCs where the 95% UCL exceeded the risk threshold for that chemical. In order to reduce the risk to human health and the environment, Leighton proposes to remediate soil in the upper 5 feet of the subsurface in order to reduce the 95% UCL of lead and CR VI to below 320 mg/kg and 55.36 mg/kg, respectively. Additionally, soil with concentrations of any chemicals exceeding the non-RCRA or RCRA based hazardous waste threshold levels for these chemicals will be remediated to minimize the future generation of hazardous waste at the site.

The following Remedial Action Goals (RAGs) are proposed to identify the maximum concentration of COCs that may be reused at the site. Soil with concentrations of COCs equal to and in excess of these limits may be reused if they are treated to reduce the concentration to or below their respective RAG.

- Cr VI – Soil with concentrations causing the 95% UCL to exceed 55.36 mg/kg,
- Cr VI – Soil with concentrations exceeding 5,000 mg/kg,
- Cr VI – Soil with leachable concentrations exceeding 5.0 milligrams per liter (mg/L) using the California Waste Extraction Test (CA-WET) method,
- Lead – Soil with concentrations causing the 95% UCL to exceed of 320 mg/kg.
- Lead – Soil with concentrations exceeding 1,000 mg/kg,
- Lead – Soil with leachable concentrations equal to or exceeding 5.0 mg/L using either the CA-WET or TCLP analytical test methods, and
- All other COCs with concentrations exceeding the regulatory thresholds requiring management as a non-RCRA or RCRA hazardous waste.

# 5.0 SITE REMEDIATION ACTIVITIES FOR KNOWN AND UNKNOWN AREAS OF ENVIRONMENTAL CONCERN

The site remediation activities will involve excavation of areas of COC-affected soil, stockpiling, sampling, profiling and evaluation of COC-affected soil suitable for treatment and reuse onsite or requiring offsite disposal at an appropriate permitted landfill or treatment facility. Additionally, soil confirmation sampling activities are required to evaluate if the soil in excess of the RAGs have been removed. The approximate areas of the site with known concentration of COCs in excess of the RAGs thresholds are shown on Figure 4. An important component of the remedial activities is profiling the soil as expeditiously as possible so that continued redevelopment activities can proceed without significant delay.

## 5.1 Excavation of Known Environmentally Impaired Soils

The known environmentally impaired soils consist of the metal-affected soils located in the eastern portion of the site. The metal-affected soils are roughly distributed in a rectangular area in approximately 390 feet north to south and 180 feet west to east (Figure 4). Within this area are metal-affected soils requiring management as either a non-hazardous, non-RCRA or RCRA hazardous waste (Figure 4). An estimated 28,000 $yd^3$ of soil affected by metals will need to be excavated, managed, sampled and treated and/or disposed of. The metal-affected soils are beneath the existing pavement/building slabs at the site. The following approach should be conducted to address the metal-affected soils requiring removal:

- **Create and Manage Separate Soil Stockpiles Based on Field Observation -** After the removal of the concrete and asphalt pavement and building slabs from the site, underlying soil should be observed for their color and physical evidence of environmental impacts (e.g., metal debris, refuse, odor, VOCs as measured with a calibrated photoionization detector [PID], etc.). Soils that appear discolored or exhibiting physical indications of environmental concern will be stockpiled with soil exhibiting similar characteristics separately from soils that appear to represent background conditions. Review of historical analytical test data from prior soil investigations indicates that that the metal-affected soils are primarily distributed in shallow soil (i.e., less than 3 feet thick) in the eastern one-third of the (Figure 4). As the excavated soil may contain Toxic Air Contaminants (lead and PCBs) as defined by SCAQMD Rule 1466, no stockpile shall

exceed 400 cubic yards ($yd^3$) of soil and be greater in height than the perimeter fencing and windscreen.

- **Create and Manage Separate Soil Stockpiles Based on Existing Soil Sampling Data –** Select areas of the site with previous analytical test data indicating that the soil contains concentrations of COCs that would require management as a non-RCRA or RCRA hazardous waste may be excavated and segregated into stockpiles based on this existing data. It may not be possible to segregate all soil that was previously considered a hazardous waste, and it may be possible that the segregated soil stockpiles are further profiled as a different waste classification than was estimated during the initial soil sampling and testing events.

Based on the concentrations of VOCs detected in the shallow soil sampling data, Leighton does not expect to encounter "VOC contaminated soil", which, as defined by SCAQMD Rule 1166, "is a soil which registers a concentration of 50 [parts per million by volume (ppmv)] or greater of Volatile Organic Compounds as measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil with an organic vapor analyzer [OVA] calibrated with hexane." However, if soil is encountered with VOCs measured using a calibrated OVA exceeding 50 ppmv, the excavation of those areas will be conducted in accordance with the requirements of a SCAQMD Rule 1166 various location or site specific plan. In accordance with SCAQMD Rule 1166, the VOCs in soil at the site will need to be monitored under a SCAQMD site Specific Mitigation Plan. If offsite disposal of VOC contaminated soil (if present) is required, information pertinent to the concentrations of VOCs in soil will need to be communicated to permitted landfills to conform to their profiling criteria.

## 5.2 Grading and Construction in Areas Without Known Environmentally Impaired Soils

Following the excavation of the known COC-affected soils, a possibility exists that additional soil affected by COCs above their RAGs may be encountered. Excavation and grading activities at the site in areas outside of those with known environmentally impaired soils will be periodically monitored by a geologist under the direction of a California-Professional Geologist or Professional Engineer. These monitoring activities will consist of visually observing the soil to evaluate for detectable evidence of COC-affected soil, including PID response, odor, discoloration, and staining. Additionally, in the unusual circumstance that

unknown subsurface features may be encountered, monitoring activities will be performed including:

- Visual observation of soil to detect areas that may be affected by metals, PCBs, VOCs, petroleum products or other hazardous substances that were previously not identified.

- Compliance with South Coast Air Quality Management District (SCAQMD) Rule 1166 (Amended May 11, 2001) monitoring during excavation using a PID in accordance with the contractor's SCAQMD permit. The Rosemead contractor is responsible for implementing SCAQMD Rule 1166 and monitoring for "VOC Contaminated Soil" during all excavation activities conducted onsite. According to the SCAQMD, "…*VOC Contaminated Soil is a soil which registers a concentration of 50 ppm or greater of Volatile Organic Compounds as measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil with an organic vapor analyzer calibrated with hexane*."

- Due to the presence of Applicable Toxic Air Contaminants (e.g., lead and PCBs) in soil at the site, the Rosemead contractors involved with any earthmoving activities at the site shall comply with SCAQMD Rule 1466, a copy of which is presented in Appendix E of the ISCMP. Detailed information pertinent to Rule 1466 can be found in Section 6.1.5 and in Appendix E, the Air/Dust Monitoring procedures of this ISCMP. Where no impacts by Toxic Air Contaminants have been identified, only general construction requirements are needed.

- If unexpected environmental impacts are encountered, soil sampling and analytical testing will be conducted to evaluate if the soil contains COCs above the RAGs. Freshly exposed soil will be evaluated visually by trained personnel (HAZWOPER trained) using handheld direct reading instruments (e.g., PID) for monitoring VOCs. The contractor will segregate COC-affected stockpiles from non-COC affected stockpiles to avoid mixing.

- During removal activities, concrete and asphalt paving and/or slabs will be observed for evidence of discoloration and segregated from non-discolored material. The discolored concrete may require profiling prior to offsite disposal or for reuse. The permitted landfills should be contacted to assess the profiling procedures for discolored concrete.

- Depending upon the visual, olfactory, and instrument indications, soil samples may be collected for chemical testing at a state-certified laboratory. The test results will be compared to State of California and Federal criteria routinely used for waste classification purposes including the California Code of Regulations, Title 22, Article 11 and for Federal or RCRA waste, 40 CFR parts 260 through 273.

Table 1 below presents a summary of the proposed soil sampling procedures, sample frequency, and test methods. An excavation completion report will include documentation from field monitoring and sampling including laboratory analytical reports and chain-of-custody forms.

**Table 1**
**Sampling and Analysis of Previously Unknown Areas of Potential Environmental Concern for Soil Observed at Rosemead Holding Site during Grading**

| Task | Sample Locations | Frequency | Test Method | Documentation |
|---|---|---|---|---|
| Visual Observation | All surface soil and beneath paving and/or building slabs, subgrade structures (e.g., former clarifiers, sumps, USTs associated piping, etc.). | Continuously as new soil is exposed. | Depending on field indicators or documented historical land uses, one or more of the following laboratory test methods may be selected:<br><br>For newly discovered areas of dark or oil-stained soil, at least one soil sample of the suspected contaminated area and at least one soil sample beneath the observed area of environmental concern (i.e., based on physical observations) will be analyzed for:<br><br>US EPA Method 6000/7000 series (CAM-17 metals), US EPA Method 8260B (VOCs) using USEPA Method 5035 for sample preservation, US EPA Method 8015M (TPH-gasoline/diesel/motor oil), US EPA Method 8270B for semi-volatile organic compounds (SVOCs) and US EPA Method 8081 (PCBs). PCB testing would only be performed if soil appears to have been affected by an oil-like liquid or material (e.g., dielectric fluid or hydraulic oil). After identifying the COCs, additional testing would be limited to the analytes detected, as applicable. | Field logs and schematics identifying locations of stained or discolored or odorous soil not already characterized. Photographs as necessary (e.g., stains larger than 10 square-feet in area). Lab reports and documentation will be included in the excavation completion report. |

| Task | Sample Locations | Frequency | Test Method | Documentation |
|---|---|---|---|---|
| On-Site VOC screening of areas previously not identified | VOC monitoring for VOC Contaminated Soil will occur in previously unidentified areas where suspected petroleum hydrocarbons and/or hazardous substances are observed during demolition and or grading activities. | As per SCAQMD Rule 1166. As soon as possible in the area where the suspected affected soil is observed and as notified by either the contractor or the on-site environmental consultant. | PID or organic vapor analyzer (calibrated with hexane) to measure concentrations of VOCs emanating from the soil. If the instrument reading is greater than 50 parts per million (ppm) equivalents (i.e., VOC Contaminated Soil), collect a soil sample for potential laboratory analysis using EPA method 8260B. | Documentation and notification will be performed in accordance with SCAQMD Rule 1166. Daily headspace logs to record the sample I.D., PID reading, and location.<br><br>If soil is disposed at Simi Valley Landfill (SVL), soil with less than 50 ppm equivalents can be used as daily cover. VOC Contaminated Soil (VOC monitoring of soil exceeding 50 ppm equivalents) will be placed into a separate stockpile and profiled as 1166 Soil which will require disposal at SVL. Soil that exceeds 1,000 ppm equivalents will be identified as +1000 1166 soil prior to transport and disposal at SVL.<br><br>The location of the VOC Contaminated Soil will be plotted on a site map. A data summary will be presented in an end of project report. Lab reports and documentation will be included in the excavation completion report. |
| Soil Sampling and Laboratory Analysis | At locations where soil appears discolored or odorous in areas which have not already been characterized | One soil sample of the affected area and at least one floor sample beneath the affected area where suspected contamination appears to attenuate. | Analyze using one or more of the laboratory tests specified and similar to sampling of stained areas detected discovered during visual observation, if area has not already been characterized. | Field logs identifying locations of stained or discolored soil not already characterized. Photographs as necessary (e.g., stains larger than 10 square-feet in area). Lab reports and documentation will be included in the excavation completion report. |

The table is followed by more detailed information describing the procedures to address areas where soil affected by hazardous substances and/or petroleum products is suspected. These include:

### 5.2.1 Underground Storage Tanks

If a previously unidentified UST is encountered during the site demolition or grading activities, a licensed contractor will be mobilized to the site to conduct UST closure activities. The UST will be exposed, and the contents sampled to evaluate if the UST can be removed. If the UST has not been filled with slurry or other solid material, any residual liquid will be sampled and profiled for disposal, the liquid will be evacuated and transported off site for disposal in accordance with California and federal regulations.

The UST removal will be permitted as required and the UST will be removed in accordance with local and state requirements. The soil underlying the UST will be sampled in a minimum of two locations for TPH, VOCs, and Title 22 Metals. Based on the contents of the UST, and the results of the soil samples, additional soil excavation may be recommended. Leighton will coordinate with the Los Angeles City Fire Department (LACFD) and the RWQCB to collect soil samples to facilitate tank closure activities.

### 5.2.2 Clarifiers and Pits

If a previously unidentified clarifier, pit, or similar feature is encountered during the site demolition or grading activities, the feature will be exposed, and the contents sampled to evaluate if the feature can be demolished and removed. If the feature contains residual liquids, those liquids will be sampled and profiled for disposal. The liquid will be evacuated and transported off site for disposal in accordance with California and federal regulations.

The feature will be permitted if required and demolished and removed in accordance with local and state requirements. The soil underlying the feature will be sampled in a minimum of one location for every 100 square feet of surface area for TPH, VOCs, and Title 22 Metals. Based on the contents of the feature and the results of the soil samples, additional soil excavation may be recommended. Leighton will coordinate with LACFD

and RWQCB personnel to collect soil samples to facilitate closure activities, if required

### 5.2.3 Vertical Features and Structures

If a previously unidentified vertical structure, such as a hydraulic lift or a dry well is encountered during site demolition or grading activities, Leighton will attempt to identify the depth of the structure and if any potentially hazardous materials are associated with the structure. The structure will be removed, and soil samples will be obtained from the nearby soil. A boring will be advanced adjacent to the structure to a minimum of 10 feet below the depth of the structure and soil samples will be collected at five-foot intervals. The soil samples will be analyzed for TPH, semi-volatile organic compounds (SVOCs), and Title 22 Metals. Soil samples will be screened in the field for the presence of VOCs and soil samples may be subsampled in accordance with USEPA Method 5035 and analyzed for VOCs by USEPA Method 8260.

### 5.2.4 Horizontal Features and Structures

If previously unidentified horizontal structures are encountered during site demolition or grading activities, Leighton will sample the underlying soil at a rate of 1 sample per 25 linear feet of the structure, with additional soil samples at identified bends as required. Sewer lines connected to site plumbing are not considered horizontal features for this purpose.

Soil samples will be collected as close as practical under the structure. Additional soil samples may be collected at a second depth up to 7 feet bgs depending on the type of structure. Samples will be analyzed for TPH, VOCs, and Title 22 Metals in the case of liquid fuels lines and other similar structures.

### 5.2.5 Stained, Discolored or Odorous Soils and VOC Contaminated Soils

During demolition and grading activities, if stained, discolored, or odorous soils are encountered, the area will be documented and excavation activities (if ongoing) will be ceased in the area and Leighton will be contacted to evaluate the extent and nature of the potential impacts. Potential sources of stained, discolored or odorous soil include, but are not limited to, VOCs, liquid fuel, machine or other lubricating oils, and other wastes.

For areas of limited extent, the soil will be excavated, stockpiled, and profiled. For areas where the extent of staining exceeds 300 square feet ($ft^2$), the soil may be profiled in place to quantify the COCs and define the limits of a subsequent remedial excavation. Soil stockpiles generated during remedial excavations will managed in accordance with SCAQMD requirements, be less than 400 $yd^3$ in size (only if toxic air contaminants are present as per SCAQMD Rule 1466), be underlain and covered by plastic sheeting (with sand bags for cover stability and a two-feet sheeting overlap) or containerized. Soil samples will be collected of the stockpiled soil to profile the soil for disposal.

Following the remedial excavation, soil samples will be collected from the bottom and sidewalls of the excavated area to document the conditions of the surrounding soil. Samples will be collected at a rate of 1 per 25 linear feet of sidewall with a minimum of one per sidewall. Bottom samples will be collected at a rate of 1 for 100 $ft^2$ of excavation. Soil samples will be analyzed for Title 22 metals, TPH, and SVOCs. For areas with detectable VOC emissions utilizing a PID exceeding 50 ppm equivalents, soil samples will be collected in accordance with USEPA Method 5035 and analyzed for VOCs using USEPA Method 8260B.

### 5.2.6 Visual Observation

During the demolition and grading activities, the exposed soil beneath the building foundations, floors, pavement, and other features will be visually observed. A field log will be maintained and areas of soil staining or sampling will be plotted on a site map to document locations suspected of being affected by hazardous substances or petroleum products, which has not already been characterized. Soil color and associated features (e.g., USTs, machine pits, hydraulic lifts, interceptors, sumps, and clarifiers) will be described on the field log. Any observed discoloration, odor, or other evidence of potential hazardous materials impact will be documented to serve as the basis for further evaluation, as appropriate. A copy of the Field Log Form is attached to this ISCMP.

### 5.2.7 Soil Sampling and Laboratory Testing

Soil samples will be collected when necessary for laboratory analyses to evaluate for the presence of suspected hazardous substances and petroleum products in the soil as per Table 1, above.

### 5.2.8 Soil Sample Collection Procedures

Soil samples to be analyzed for VOCs will be collected in accordance with EPA Method 5035. For soil samples to be analyzed for TPH, metals, SVOCs, or PCBs, the soil can be collected using either a slide-hammer sampler fitted with a stainless-steel sampling sleeve, or the soil can compacted into a pre-cleaned glass jar with minimal headspace. Sampling of newly exposed soil may be facilitated by backhoes, excavators or scrapers. If the slide-hammer sampler is used, the ends of the sample sleeves will be covered with Teflon sheets and capped with plastic end caps. Each soil sample container will be labeled with a unique sample identification number based on the location where the sample was collected. The label will also indicate the date and time when the sample was collected, name of the person handling the sample, and the specific chemical tests being requested from the laboratory. After labeling, the sample will be placed into a properly chilled cooler pending delivery to the analytical laboratory. All soil samples will be documented on a chain-of-custody record. The locations where soil samples are collected will be plotted on the site map and recorded in the field log.

### 5.2.9 Laboratory Analysis Selection

When suspect soils must be tested for waste profiling purposes, soil samples will be submitted to a certified environmental laboratory (mobile of fixed lab). The soil sample collected for analysis at the offsite laboratory may be analyzed on a 24-hour “rush” turnaround time (TAT) basis in order to minimize delays to the construction schedule. This rush TAT will be determined at the discretion of the onsite California Professional Geologist after coordination with Rosemead or affiliated representative. If time allows (e.g., in an area where construction activities may not be occurring for a couple of weeks), analysis using standard turnaround time will be performed. The type of laboratory analytical method(s) to be used will be based on two main criteria:

Criteria 1 – Visual Appearance: Soil characteristics (e.g., discoloration, staining, or odors, etc.) will be closely monitored by field personnel. Soil that appears dark or oil stained will be analyzed by EPA Method 8015M for TPH (gasoline/diesel/motor oil) and by EPA Method 8260B for VOCs (collected using EPA Method 5035). Soil that appears discolored in a manner typical of potential metal impacts (e.g., red, yellow, green, gray, or silvery) will be analyzed for CAM-17 using EPA Method 6010/7000 series.

Additional analyses (e.g., for PCBs or SVOCs) may be performed if indicated by historical equipment information or suspected chemical usage (e.g., former hydraulic lift or electrical transformer areas). Some shallow soils in the eastern portion of the site contain PCBs (see Section 4.0 for Aroclor RAGs). The location where the soil samples are collected will be annotated on the field base map and the field form.

Criteria 2 – Elevated PID Screening Levels: At least one representative soil sample will be collected for laboratory testing if the headspace PID measurement exceeds 50 ppm equivalents during the on-site screening. The soil sample will be analyzed using EPA Method 8260 for VOCs (collected using EPA Method 5035). Additional analyses may include TPH gasoline range, BTEX, MTBE and fuel oxygenates, and/or other substances based on historical chemical usage information.

# 6.0 SOIL HANDLING AND REMEDIAL ACTIVITIES

The following sections detail the policies and procedures to be utilized during the excavation, stockpiling, sampling, remediation and disposal of environmentally-affected soils at the sites. Soil excavation activities will be directed by the previous sampling activities as modified by confirmation sampling activities. Soil remediation and disposal activities will be directed by soil stockpile sampling activities.

## 6.1 Soil Excavation Activities

Based on past soil investigations, the metal and PCB-affected soils requiring management as either a non-RCRA or RCRA hazardous waste are generally distributed in the upper three feet of soil in the eastern one-third of the site is generally noted on Figure 4. The excavation activities to be conducted at the site will first be focused on these areas so that they can be properly managed, profiled, and if necessary, properly transported and disposed at permitted facilities off-site. Figure 4 shows the areas of the site with known concentrations of COCs exceeding the RAGs.

In addition to the surgical removal of the COC-affected soils exceeding their respective RAGs, we assume grading activities on-site will generally require the excavation and, if suitable, re-compaction of the upper 5 feet of soil (this depth of grading will be better clarified on the final grading plan). In the eastern portion of the subject property, deeper excavation to a depth of approximately 13 feet below existing grade is required due to presence of undocumented fill (Leighton, *Supplemental Geotechnical Exploration*, September 27, 2021). At the time of preparing this report, grading plan was not yet available.

In accordance with SCAQMD requirements as it relates to Rule 1466 (i.e., the applicable toxic air contaminants in the form of lead and PCBs [aroclors 1254 and 1260]), soil will be excavated and temporarily placed in individual stockpiles not exceeding approximately 400 $yd^3$ in volume. Each stockpile will be placed on plastic sheeting a minimum of 10 mil in thickness and covered with plastic sheeting a minimum of 10 mil in thickness when the stockpile is not in active use. Stockpiles will be numbered sequentially and will be marked with the stockpile number on the plastic sheeting. When covered, the plastic sheeting will be secured with sandbags and/or weights. If excavation activities are scheduled during the rainy season, additional best management practices may be required to control potential run-off from the stockpiles.

### 6.1.1 Additional Excavation of Suspect Wastes Based on Field Observations

Prior investigations across the site indicates that Non-RCRA or RCRA hazardous waste is likely to be encountered in the metal/PCB-affected soils area primarily located in the eastern one-third of the site in shallow soils generally less than 3 feet deep; however, if heavily discolored, stained, or odorous soils, and soils emitting elevated VOCs above 50 ppmv are encountered, the excavation will be expanded laterally to the maximum of the site boundaries or vertically to a maximum depth of five feet bgs (or deeper, not exceeding a depth of 10 feet bgs, if affecting undocumented fill). In areas where discolored, stained, or odorous soils are encountered and excavations are planned to extend beyond 5 feet bgs, the discolored, stained, or odorous soils will be excavated to the planned final grading depth.

### 6.1.2 Excavation Area Confirmation Soil Sampling

After the planned excavation limits have been reached and additional discolored, stained, or odorous soils have been removed, relatively undisturbed confirmation soil samples will be collected from the sidewalls and floor of the excavation for laboratory analysis. The confirmation soil samples will be used to evaluate whether the in-place soil bounding the excavation exceeds the respective RAGs criteria. The confirmation soil samples from the floor of the excavation will be collected on a grid system every 25 feet. Markings will be placed on the exterior of the excavation area indicating the distance from the northeast corner of the property and sample locations will be designated “EFS-NS-EW-DD” where EFS designates “excavation floor sample”, NS designates the distance south from the northeast corner, EW designates the distance west from the northeast corner and DD designates the depth. Thus EFS-50-100-03 would be an excavation floor sample collected 50 feet south and 100 feet west of the northeast corner at a depth of 3 feet bgs.

Sidewall samples will be collected for each sidewall greater than 3 feet in height. Sidewall samples will be collected at 25 foot lateral intervals at the approximate midpoint depth of the sidewall. Sidewall soil samples will be designate “SIDEWALL-NSEW-DD” where SIDEWALL designates from which sidewall the sample was collected, NSEW designates the linear distance along the sidewall from the northern or east site boundary, and DD designates the depth. Thus “SOUTH-100-2” designates the sample

collected along the southern sidewall of the excavation, 100 feet west of the eastern site boundary at an approximate depth of 2 feet.

When possible, the confirmation soil samples will be collected in a pre-cleaned glass jar provided by the analytical laboratory. Alternatively, a slide-hammer hand sampler equipped with stainless steel sleeves may be utilized. After a soil sample is collected, in the slide hammer, the ends of the stainless steel sleeve will be covered with Teflon sheets and capped with plastic end caps. If a soil sampling location is inaccessible to hand-sampling equipment, soil sample collection will be accomplished with the aid of the backhoe/excavator. Care will be taken to sample only representative and relatively undisturbed areas when practical. The confirmation soil samples will be labeled and transported to the analytical laboratory. Entry into an excavation will only be conducted in accordance with California Code of Regulations Title 8, CAL-OSHA Construction Safety Orders, Article 6 Excavations.

All soil removed from the site will be profiled for disposal at permitted landfills. No soil will be transported offsite without receiving prior approval for disposal at the appropriate landfill. If soil is discovered that requires management as VOC Contaminated Soil (per SCAQMD Rule 1166), Non-RCRA hazardous waste or RCRA hazardous waste, this soil will be removed from the excavation and will be temporarily stockpiled at the site at a pre-designated staging area (coordinated with Rosemead contractors).

### 6.1.3 Excavation Area Expansion Due to Confirmation Samples Exceeding RAGs

In areas where the confirmation soil samples analytical test results exceed the RAGs, the excavation area will be expanded and resampled. For samples from the soil of the floor of the excavation, the 25 foot square area centered on the sample location will be extended a minimum or 1 foot and a confirmation soil sample will be collected at this new depth. For side-wall samples, the 25-foot long area of the sidewall centered on the sample location will be extended a minimum of 1 feet and a confirmation sample will be collected of the expanded sidewall.

Alternatively, hand auger soil samples may be collected to direct excavation activities. For excavation floor samples, a hand auger may be used to advance a boring in 1-foot increments and a slide hammer used to

collect a confirmation soil sample at each depth. Sidewall soil samples may be collected by advancing a boring into the undisturbed soil in line with the sidewall sample but a minimum of 1 foot laterally outside the excavation to the same depth as the original sample. However, if observation (e.g., soil discoloration) suggests the COC-affected soils are more laterally extensive, the decision to collect the confirmation soil samples will be conducted at the discretion of the field geologist. A slide hammer soil sample or soil sample collected with a backhoe, will be used to collect confirmation soil samples in each area. Additional step-out soil samples may be collected at the discretion of the field geologist to evaluate the extent of the excavation expansion. Step-out soil samples may be analyzed incrementally until soil analytical results are reported below the RAGs.

### 6.1.4 Excavation Monitoring

The excavated soil and in-place soil at the perimeter of the excavation will be monitored for evidence of discoloration, odors, or other indicators of contamination. In addition to visual observations, a PID will be used to screen for VOCs in the stockpiled soil and around the perimeter of the excavation, as described in Table 1. For example, in accordance with Waste Management's Simi Valley Landfill (SVL) soil profiling guidelines, soil that has less than 50 ppm equivalents when measured with the PID will be suitable for daily cover at SVL; however, soil which registers a concentration greater than 50 ppm equivalents will require disposal at the SVL. Dust monitoring will be conducted in accordance with SCAQMD Rules 402, 403, and 1466, as further described below.

### 6.1.5 Air/Dust Monitoring

**SCAQMD Rules 403 and 402** - Dust monitoring will be conducted during the excavation and grading operations to monitor for dust and particulate matter at the property boundary in accordance with SCAQMD Rule 403 requirements. Excessive fugitive dust emissions shall be controlled by regular watering and other dust suppression measures, as specified in the SCAQMD's Rules and Regulations. In addition, SCAQMD Rule 402 requires implementation of dust suppression techniques to prevent fugitive dust from creating a nuisance off-site. Implementation of the following measures would reduce short-term fugitive dust impacts on nearby sensitive receptors:

- All active portions of the construction site shall be watered every three hours during daily construction activities and when dust is observed migrating from the project site to prevent excessive amounts of dust.
- Pave or apply water every three hours during daily construction activities or apply non-toxic soil stabilizers on all unpaved access roads, parking areas, and staging areas. More frequent watering shall occur if dust is observed migrating from the site during site disturbance.
- Any on-site stockpiles of debris, dirt, or other dusty material shall be enclosed, covered, or watered twice daily or non-toxic soil binders shall be applied.
- All grading and excavation operations shall be suspended when wind speeds exceed 25 mph.
- Disturbed areas shall be replaced with groundcover or paved immediately after construction is completed in the affected area.
- On-site vehicle speed should be limited to 15 miles per hour.
- Visible dust beyond the subject property limits which emanates from the site shall be prevented to the maximum extent feasible.
- All material transported offsite shall be either sufficiently watered or securely covered to prevent excessive amounts of dust prior to departing the site.
- Reroute construction trucks away from congested streets or sensitive receptor areas to the extent feasible. Rumble strips or trackout hardware should be installed at all site egress areas.

**SCAQMD Rule 1466** – Due to the presence of Applicable Toxic Air Contaminants (primarily lead and PCBs [aroclors 1254 and 1260]) in shallow soil in selected areas at the site, compliance with Rule 1466 is where elevated metals/PCBs are present in much of the shallow soil that will require excavation. During the grading, soil excavation, stockpiling, and loading activities at the site, particulate (dust) monitoring per Rule 1466 will be implemented during all earth-moving activities. The purpose of Rule 1466 is to minimize the amount of off-site fugitive dust emissions containing toxic air contaminants by reducing particulate emissions in the

ambient air as a result of earth-moving activities, including, excavating, grading, handling, treating, stockpiling, transferring, and removing soil that contains Applicable Toxic Air Contaminants from sites that meet the applicability requirements. A copy of the Applicable Toxic Air Contaminants can be found in Table I of Rule 1466 in Appendix E.

At least 72 hours and no more than 30 days prior to conducting any earth-moving activities on any site meeting the applicability requirements of subdivision, the owner or operator shall electronically notify the SCAQMD Executive Officer, using a format approved by the Executive Officer, of the intent to conduct any earth-moving activities. There are multiple Rule 1466 notifications that are required that must be performed by either Rosemead or their designated contractor.

The monitoring required for Rule 1466 consists of taking continuous direct-reading measurements of particulate matter (PM) less than 10 micrometers ($PM_{10}$) in diameter. One $PM_{10}$ meter will be placed along the upwind side of the seasonal prevailing wind direction (generally from the western portion of the site in a secure area just east of North Rosemead Boulevard) with another $PM_{10}$ meter placed along the downwind side of the site (generally on the eastern portion of the site. An additional $PM_{10}$ meter will be placed adjacent to the north side of the residential trailer park near the southeast portion of the site. As wind directions can often vary in Southern California (e.g., during Santa Ana wind conditions), the field geologist/scientist will make the determination as to the upwind and downwind locations of the meters. These meters are set to take particulate readings every ten minutes to ensure that the $PM_{10}$ concentration over 2 hours does not exceed 25 micrograms per cubic meter ($\mu g/m^3$). The $PM_{10}$ meters will be identical in make and model; settings; calibration; configuration and calibration, correction, and correlation factors.

The meters will collect ambient $PM_{10}$ data with a data acquisition system that is capable of logging direct-reading near real-time data providing the date, time, and $PM_{10}$ concentration in $\mu g/m^3$ every ten minutes or less.

The $PM_{10}$ concentration is the absolute difference between the upwind and downwind monitors. If the $PM_{10}$ concentration averaged over two hours exceeds 25 $\mu g/m^3$, the owner or operator (e.g., the Rosemead contractor) shall cease earth-moving activities, apply dust suppressant to fugitive dust sources, or implement other dust control measures as

necessary until the $PM_{10}$ concentration is equal to or less than $\mu g/m^3$ averaged over 30 minutes.

The Rosemead contractor shall post signs at all entrances of the site to designate the speed limit as 15 miles per hour. In addition to the particulate monitors, water trucks will be stationed at the grading and excavation portions of the site during all earth-moving activities. The water trucks will supply constant dust suppression to reduce, or essentially eliminate, dust produced during the earth-moving activities. Soil stockpiles generated during excavation and grading activities will be underlain and covered with visqueen stabilized with sandbags to minimize fugitive particulate emissions. The Rosemead contractor shall comply with other provisions of Rule 1466, Section (e) *Requirements to Minimize Fugitive Dust Emissions*. During earth-moving activities, Rosemead's contractor shall have an on-site dust control supervisor that complies with Rule 1466 Section (e), 9.

During the soil removal activities, the metal and PCB-affected soils will be directly loaded in end-dump trucks equipped with tarps. Once the load has been placed, the load will be completely tarped and exterior of the truck, trailer, and tires will be cleaned prior to the truck leaving the site. In addition to sweeping vehicles prior to exit, the trucks will drive over a pad of gravel at least 50 feet long, followed by a section of shaker plates at least 24 feet long, to remove as much soil as possible prior to leaving the site. The egress of the site will be swept each day to remove any soil tracked offsite from the roadway (i.e., North Rosemead Boulevard).

The Rosemead contractor will comply with the recordkeeping requirements detailed in Rule 1466 and maintain the records for period of not less than three years and shall make such records available to the SCAQMD Executive Officer upon request. As noted, the Rosemead earthmoving contractors will conduct their activities in compliance with Rule 1466 which is presented in its complete form in Appendix E.

### 6.1.6 Laboratory Analysis of Confirmation Soil Samples

The confirmation soil samples from the excavation and sidewalls will be analyzed for the chemical constituents that previously exceeded the RAGs. Soil samples will be analyzed (possibly on a 24-hour TAT basis) by a state-certified environmental laboratory.

### 6.1.7 Step-Out Excavations

If the results of the confirmation samples indicate that the soil underlying or adjacent to the excavation areas has not reached the remedial goals, additional excavation activities will be required. At a minimum, for areas where, the bottom sample does not meet the remedial action goal, the 25' by 25' area will be excavated one additional foot and resampled. If a sidewall sample does not meet the remedial action goal, the 25' section of sidewall represented by the sample location will be expanded outward a minimum of one foot and resampled. As noted, if visual or olfactory evidence of COC-affected soils are still observable, the excavation can be expanded at the discretion of the field geologist followed by resampling and analytical testing to confirm the lateral and vertical extent of the COC-affected soils or below their respective RAGs.

### 6.1.8 Soil Stockpile Management and Sampling

Where previously unidentified RECs are encountered and direct loading of soil is not possible, the resulting soil stockpiles will be evaluated for their potential waste characteristic and will be placed in an area designated by Rosemead and/or their designated contractor. Excavated soil will be placed on plastic sheeting and securely covered with plastic sheeting at the end of each field day. Sandbags may be placed on top of the stockpile to ensure stability of the plastic sheeting. Caution tape will be placed around the base of the stockpile at the end of each field day. Soil stockpiles will be segregated by area of generation and will be designated on that basis.

**Waste Classification** – The waste classifications of the soil exceeding their respective RAGs will be investigated for their waste designation. Soil samples collected from the site will analyzed to assess if the metal/PCB levels in the soil samples exceed their California Total Threshold Limit Concentration (TTLC) or the California Soluble Threshold Limit Concentration (STLC) as presented in the California Code of Regulations, Title 22, Article 11. In conformance with the general practice in California regarding waste classification, soil samples with total metal detections that are greater than 10 times their STLC (e.g., 50 mg/kg for lead) will also be analyzed using the California Waste Extraction Test (WET) to determine whether they constitute Non-RCRA Hazardous Waste. Soil with concentrations of chemicals in excess of the threshold for characterization as a non-RCRA hazardous waste based on the TTLC characterization do

not require WET analysis. . Selected soil samples will also be analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) to assess if they require management as a federal (i.e., RCRA) hazardous waste. Soil stockpiles generated during excavation of soils exceeding their RAGs will be representatively profiled (by resampling and analytical testing) for their waste characteristic prior to disposal at an off-site permitted landfill.

**Stockpile Size and Profiling** - In conformance with SCAQMD Rule 1466, Section 4C, stockpiles containing soil with toxic air contaminants (e.g., lead and PCBs), will not exceed a size of 400 $yd^3$ and will not be greater in height than the perimeter fencing and windscreen. The number of soil stockpile samples collected for profiling will generally conform with the *DTSC 2001 Information Advisory Clean Imported Fill Material* which requires one soil sample for each 250 $yd^3$ of stockpiled material. Therefore, for a soil stockpile containing 400 $yd^3$, two soil samples will be collected for profiling purposes. The soil samples should be collected at a depth of at least 1 foot below the surface of the soil stockpile,

For soil stockpiles that likely do not contain toxic air contaminants the stockpile size is not restricted to 400 $yd^3$ (e.g., soil generated from the western two-thirds of the site). However, if soils are observed to be potentially affected by COCs, a stockpile with a size of 1,000 to 5,000 $yd^3$, four soil samples should be collected for the first 1,000 $yd^3$ and one soil sample should be collected for each additional 500 $yd^3$ (DTSC, 2001). For a soil stockpile greater than 5,000 $yd^3$, 12 soil samples should be collected for the first 5,000 cubic yards and one soil sample per each additional 1,000 $yd^3$ (DTSC, 2001).

**Waste Management -** Based on review of the soil sampling analytical test results, the soil stockpiles will be placed in one of four categories:

- Suitable for site reuse,
- Non-hazardous waste,
- Non-RCRA hazardous waste, and
- RCRA hazardous waste.

**Chemical Fixation Option for Non-RCRA and RCRA Hazardous Waste** – Non-RCRA hazardous waste soils with COCs that exceed their respective STLCs but not their respective TTLCs or TCLPs, may be suitable for stabilization using a chemical fixation process to render the

soil into a nonhazardous waste. Additionally, RCRA hazardous waste may be suitable for stabilization using a chemical fixation process to render the soil into either a non-RCRA or nonhazardous waste. Soil where the TTLC for classification as a non-RCRA hazardous waste is exceeded but the TCLP threshold for characterization as a RCRA hazardous waste is not exceeded will not be recommended for chemical fixation and will be disposed off-site at a facility permitted to accept the COCs at the concentrations present in the soil.

Soil that is suitable for chemical fixation will be mixed in a pug mill or other similar equipment with a fixation agent to reduce the leachability of COCs in the waste. The processing plant will be mobilized to the site under a Transportable Treatment Unit (TTU) permit issued by the DTSC and USEPA to treat the site COCs. In general, the excavated soil is mixed with Portland cement (or other binding agent) and water so that the soil wastes are incorporated in the cement (or other agent) mixture, reducing the leachability of the COCs. Chemical fixation is not suitable for dilution of the waste so as to reduce the total concentration of the COCs, hence soil with COCs in excess of the TTLC threshold for characterization as a non-RCRA hazardous waste will be profiled as a non-RCRA hazardous waste even if treated. Soils will be batch treated and post treatment samples will be collected to confirm that the leachability of the COCs has been reduced to facilitate disposal or reuse. As with excavated soil, stabilized soil sampling may indicate that the soil is in one of four waste characterization profiles:

- Suitable for unrestricted use on site: Soil STLC and TCLP concentrations have been reduced to below the thresholds for characterization as a non-RCRA or RCRA hazardous waste;
- Non-hazardous waste: Soil STLC and TCLP concentrations have been reduced to below the thresholds for characterization as a non-RCRA or RCRA hazardous waste but the TTLC concentrations are in excess of RAGs but below the threshold for classification as a non-RCRA hazardous waste;
- Non-RCRA hazardous waste: Soil TCLP concentrations have been reduced to below the thresholds for characterization as a RCRA hazardous waste, but the STLC or TCLP COC concentrations are in excess of the threshold for classification as a non-RCRA hazardous waste. Soils where the STLC in excess of the threshold for

classification as a non-RCRA hazardous waste but the TTLC is below the threshold may be retreated and retested or disposed off-site at a facility permitted to accept these wastes; or

- RCRA hazardous waste: Soil TCLP concentrations are above the thresholds for characterization as a RCRA hazardous waste. These soils may be retreated and retested or disposed off-site at a facility permitted to accept these wastes.

Prior to full scale treatment of site soils, a bench scale test may be conducted to evaluate the optimal fixation agents and required volumes for soil stabilization. A decision tree detailing the process to evaluate if waste may be treated on site, reused on site, or disposed off-site is included as Figure 5.

**Soils Suitable for Reuse Onsite**

Soils which are suitable for site reuse are soils with concentrations of all COCs below their respective RAGs are primarily distributed in soil located on the western two-thirds of the site (Figure 4). These soils will be segregated and may be reused on site in an unrestricted manner. Review of the soil conditions for geophysical attributes may indicate the soil requires off-site disposal due to geotechnical unsuitability. If this is the case, it will be profiled and disposed as non-hazardous waste soil in accordance with the profiling requirements of the permitted facility.

**Non-Hazardous Waste with Permitted Facilities**

Non-hazardous waste soils are those soils with concentrations of any COC exceeding the site RAGs but not containing any COC at concentrations that exceed any screening criteria for management as a non-RCRA or RCRA hazardous waste. Unless otherwise approved for re-use on site, this soil will be disposed at an off-site facility permitted to accept the COCs at the detected concentrations. Permitted nonhazardous waste facilities in California include:

WM – Simi Valley Landfill
2801 Madera Road
Simi Valley, California
Phone: (805) 579-7267

Chiquita Canyon Landfill

29201 Henry Mayo Drive Castaic
California 91384
Phone: (661) 257-3655

Bradley Municipal Landfill
9081 Tujunga Avenue
Sun Valley, California 91352
Phone: (818) 767-6180

Soil Safe of California
12328 Hibiscus Avenue
Adelanto, California 92301
Phone: 800-862-8001

Crosby & Overton (Drums only)
1630 W 17th Street
Long Beach, CA 90813
Phone (562) 432-5445

**Non-RCRA Hazardous Waste with Permitted Facilities**

Non-RCRA hazardous waste soils are those soils with concentrations of COCs exceeding either the TTLC or the STLC threshold (e.g., for lead, equal to or greater than 5.0 mg/L) but with no COCs exceeding the TCLP threshold for management as a RCRA hazardous waste. Soils that exceed the TTLC threshold for management as a non-RCRA hazardous waste will be profiled and disposed at an off-site facility permitted to accept Non-RCRA hazardous waste. Non-RCRA hazardous wastes may be disposed at permitted facilities outside of California as a non-hazardous waste, but will be transported and manifested as a non-RCRA hazardous waste.

Non-RCRA hazardous waste permitted facilities in California and Arizona include:

Clean Harbors Buttonwillow
2500 West Lokern Road
Buttonwillow, California 93206
USEPA ID No. CAD980675276
Phone: (661) 762-6200

Waste Management Kettleman Hills
35251 Old Skyline Road
Kettleman, California 93239
USEPA ID No. CAT00646117
Phone: (559) 386-9711

South Yuma County Landfill
19536 S. Avenue 1E
Yuma, Arizona
85366 USEPA ID No. AZR000506980
Phone: (928) 341-9300

**Chemical Fixation Option for Non-RCRA Hazardous Waste – See Section 6.1.8**

**RCRA Hazardous Waste with Permitted Facilities**

RCRA hazardous waste soils are those soils with concentrations of COCs exceeding their respective TCLP thresholds for management as a RCRA hazardous waste. RCRA hazardous waste may be suitable for stabilization on site with stabilization agents to reduce the leaching characteristic which designates it as a hazardous waste. Soil stabilization is described in Section 6.1.8. Soil that is chemically stabilized so that the post-treatment COC concentrations do not exceed the TTLC, STLC, or TCLP thresholds for management as a non-RCRA or RCRA hazardous waste may be reused on site as nonhazardous waste if the concentrations of COCs are below the RAGs. The stabilized soil may also be disposed of off-site as a non-hazardous waste at a permitted landfill if it meets their profiling requirements. Stabilized RCRA hazardous waste that does not have a COC exceeding its TCLP but exceeds the COC's TTLC will be disposed of at an off-site permitted landfill as Non-RCRA hazardous waste. RCRA hazardous waste permitted facilities in California and Nevada include:

Clean Harbors Buttonwillow
2500 West Lokern Road,
Buttonwillow, California 93206
USEPA ID No. CAD980675276
Phone: (661) 762-6200

Waste Management Kettleman Hills
35251 Old Skyline Road
Kettleman, California 93239
USEPA ID No. CAT00646117
Phone: (559) 386-9711

US Ecology Nevada
Highway 95, 11 Miles South of Beatty,
Beatty, NV 89003
USEPA ID No. NVT330010000
Phone: (800) 239-3943

Crosby & Overton (Drums only)
1630 W 17th Street
Long Beach, CA 90813
USEPA ID No. CAD028409019
Phone (562) 432-5445

**Chemical Fixation Option for RCRA Hazardous Waste – See Section 6.1.8**

6.1.9 Dewatering of Excavation if Perched Groundwater is Encountered

It is not anticipated that dewatering will be required for this site. However, should unanticipated perched groundwater be discovered during site redevelopment activities, the RWQCB project manager will be contacted and samples shall be obtained from the groundwater and analyzed for COCs designated by the RWQCB. Should the groundwater samples exceed applicable discharge requirements, a dewatering plan shall be prepared by the Rosemead licensed contractor and submitted to the RWQCB and other appropriate agencies determined appropriate in consultation with the RWQCB for review and approval. The plan shall include but not be limited to sampling of groundwater that may be contaminated; and treatment and disposal of COC-affected groundwater in compliance with applicable regulatory requirements. Written verification from the RWQCB of approval of a dewatering plan would be required. Should perched groundwater be encountered, the Rosemead environmental consultant will contact the RWQCB to evaluate if they will provide oversight and permitting for the dewatering program or will defer these activities to another regulatory oversight entity.

## 7.0 FEATURES REQUIRING PERMITS

It is very unlikely that site development and excavation will result in the discovery of regulated underground features such as USTs, clarifiers, and their associated piping that have not previously been identified and investigated. However, if such features are unearthed, the contractor is to immediately halt work in that area and notify Rosemead, the designated environmental consultant and the Site Safety Officer. The potential hazard posed by the feature should be assessed prior to any additional work at that location. If it is deemed safe to continue working at that location, personnel should attempt to expose the feature and determine its size and purpose. In addition, the UST or feature should be evaluated for potentially hazardous contents (type of substance and quantity). With Rosemead's approval, the environmental consultant should contact the RWQCB project manager, City of South El Monte Building and Safety Department, and the Los Angeles County Fire Department (LACFD; (626) 430-3050; CUPA for the site). An application/permit for removal of the UST and piping should be completed. Soil sampling around/under the UST or feature may be necessary for proper closure and to evaluate for potential contamination. The newly discovered feature will not be disturbed until the City of South El Monte and LACFD permit procedure is established. The physical location of the UST or feature will be noted and recorded on the Daily Field Log and site base map. The work performed to investigate and remove the feature will be documented in a summary report and submitted to the permitting agency and to the RWQCB.

Compliance with all elements of SCAQMD Rules 402, 403, 1166, and 1466 including obtaining proper permits, monitoring for VOC Contaminated Soil, preparing a VOC Contaminated Soil Mitigation Plan (if needed), and providing notifications and documentation/reporting to SCAQMD (if required) shall be the responsibility of the contractor and/or environmental consultant.

Prior to any soil excavation activities, Rosemead will acquire a site-specific DTSC Temporary State ID Number for the possible removal of California hazardous waste generated from the site. The temporary state ID number issuance website for this application from the DTSC is https://dtsc-web01.dtsc.ca.gov/epaid/Default.aspx

To address non-hazardous waste generated from the site, waste manifests, and weight tickets will be provided in the report. To address non-RCRA hazardous waste and RCRA hazardous waste, generator waste profile sheets or waste material profile sheets, and Uniform Hazardous Waste Manifests, and weight tickets documenting the transport and disposal of hazardous waste, if present, will be provided in the report. Should RCRA waste be generated, Rosemead will complete and submit a RCRA Subtitle C Site Identification Form to the United States Environmental Protection Agency.

# 8.0 REPORTING

## 8.1 RWQCB Notification of Newly Discovered Areas Potentially Affected by Hazardous Substances and Petroleum Products

With the approval of Rosemead, the RWQCB Project Manager will be notified and consulted for proper delineation and removal of California hazardous waste or RCRA hazardous waste if newly discovered areas of contamination are discovered during redevelopment exceeding a volume greater than a 55-gallon drum. This notification will occur via a telephone call and via email at the direction of the California Professional Geologist who is the designated point-of-contact for this redevelopment project.

## 8.2 Preparation of Summary Report

At the conclusion of site demolition and grading activities, a report will be prepared that summarizes the field activities, describes pertinent observations and conclusions, and documents the disposal of any regulated wastes. Recommendations for further action or the need for further action will also be provided in the report, if necessary. The report will include the laboratory analytical reports, and a base map illustrating the extent of the excavation and any previously unidentified features that were unearthed and removed. All of the field logs and disposal documentation will be presented as appendices to the report.

# 9.0 REFERENCES

40 Code of Federal Regulations (CFR) Part 261 – Identification and Listing of Hazardous Waste, May 19, 1980.

California Code of Regulations, Title 22, Article 11.

California Environmental Protection Agency (Cal/EPA), 2015, Advisory – Active Soil Gas Investigations, dated July 2015.

Cal/EPA, DTSC, Determination of a Southern California Regional Background Arsenic Concentration in Soil, http://www.dtsc.ca.gov/upload/Background-Arsenic.pdf Undated (accessed February 27, 2019).

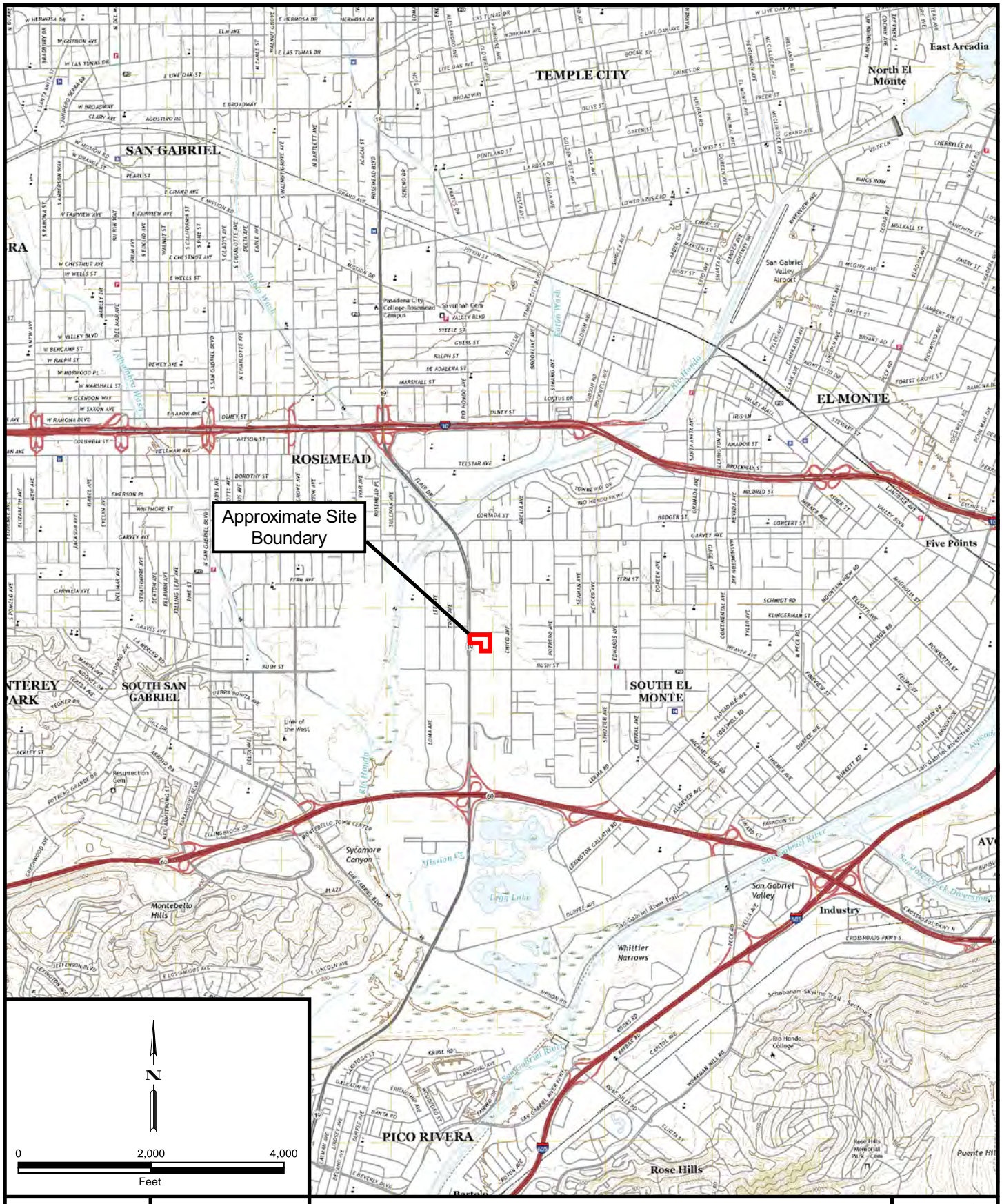
Simi Valley Landfill, Waste Acceptance Guidelines provided by Ms. Ilene Packer, Industrial Account Manager, Waste Management, personal communication, June 21, 2018.

Enviro-Tox Services, Inc, Human Health Risk Assessment, Rosemead Holding, LLC Property, 2200 North Rosemead Boulevard, South El Monte, California, December 21, 2021.

South Coast Air Quality Management District, Rule 1166 – Volatile Organic Compound Emissions from Decontamination of Soil (Adopted August 5, 1988) (Amended July 14, 1995) (Amended May 11, 2001).

South Coast Air Quality Management District, Rule 1466, Control of Particulate Emissions from Soils with Toxic Air Contaminants (Adopted July 7, 2017) (Amended December 1, 2017)

US Environmental Protection Agency, Region 9, Environmental Screening Levels (RSLs), Residential Scenario, November 2018.




| | |
|---|---|
| Project: 13111.001 | Geol/Eng: RJF/MH |
| Scale 1" = 2,000' | Date: Month 2020 |

Basemap: USGS Topographic Map, El Monte Quandrangle 7.5 Minute Series, 2018.

Author: mav

# SITE LOCATION MAP

Rosemead Holding LLC
2200 N. Rosemead Boulevard
South El Monte, California

Figure 1

Leighton

Map Saved as\\ds-irv\project\INFOCUS PROJECTS\13001-13500\13111 Rosemead Holding\001\Geomatics\JulyPlates

**Legend**

Approximate Site Boundary

Rosemead Blvd

2291

2117

19

19

Figure 2

SITE PLAN **PRIOR TO DEMOLITION**

Rosemead Holding LLC
2200 N Rosemead Boulevard
South El Monte, California

| Project: 13111.001 | Eng/Geol: RJB/MH |
|---|---|
| Scale: 1 " = 30 feet | Date: June 2021 |

Base Map: ESRI ArcGIS Online 2021

Author: Leighton Geomatics (btran)

Leighton

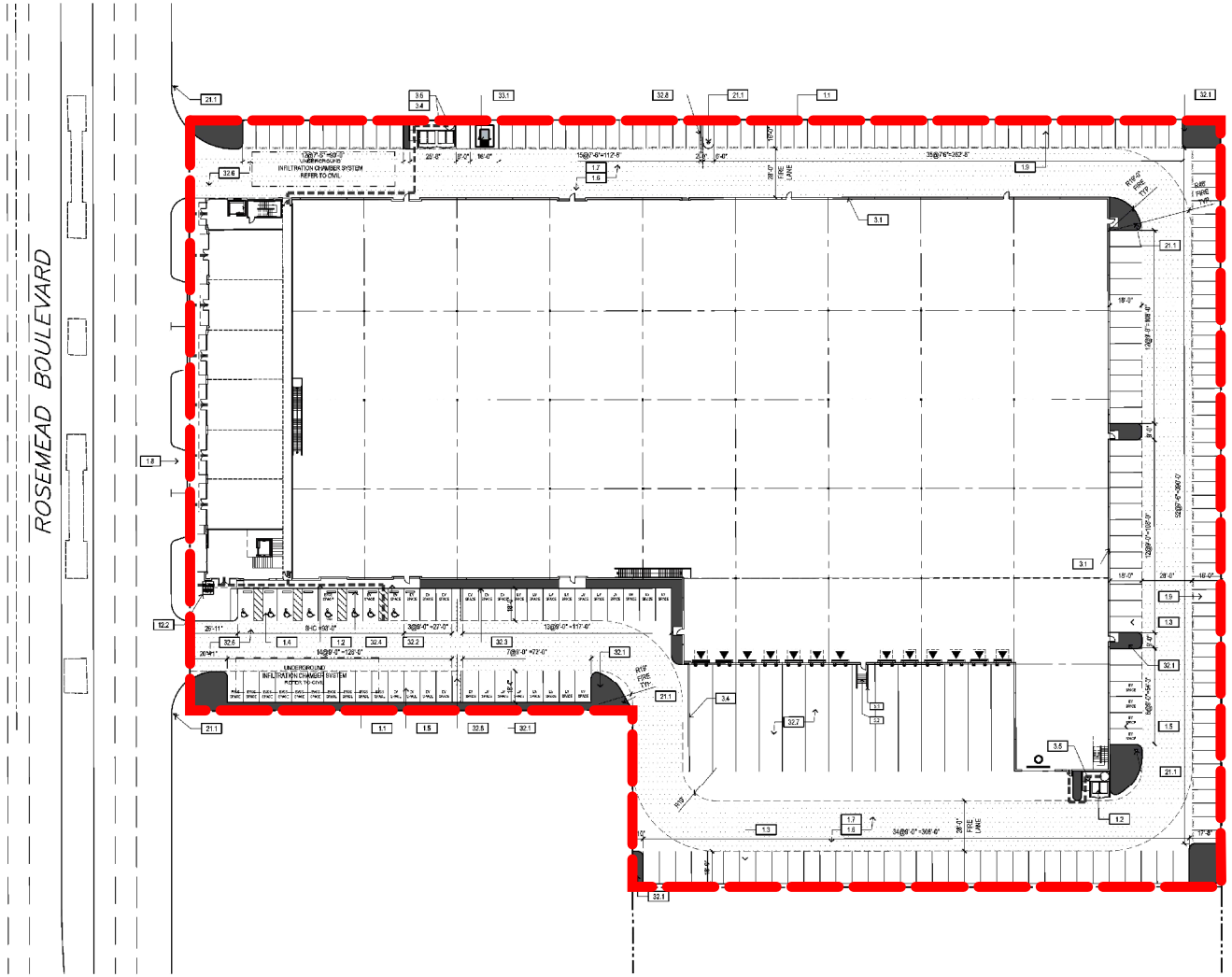
N

0 30 60

Feet

Esri, HERE, Garmin, (c) OpenStreetMap contributors, © 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution ...

Map Saved as V:\Drafting\13111\001\Maps\13111-001_P01_SP_2021-06-01.mxd on 6/1/2021 10:36:27 AM

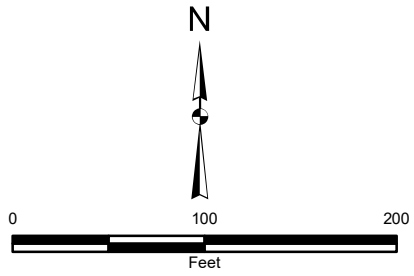



## PROJECT TABULATIONS

| | | |
|---|---|---|
| **SITE AREA** | | |
| SF | | 223,987 |
| ACRES | | 5.14 |
| **BUILDING AREA** | | |
| Warehouse | | 112,405 |
| Retail | | 8,200 |
| Office | | 1,950 |
| **TOTAL BUILDING FOOTPRINT** | | **122,555** |
| **2ND FLOOR AND MEZZANINE** | | |
| Office | | 8,875 |
| WH Storage | | 14,445 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **23,320** |
| **3RD FLOOR** | | |
| Office | | 9,705 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **9,705** |
| **TOTAL BUILDING AREA** | | **155,580** |
| **COVERAGE** | | **55%** |
| **FAR** | | **69%** |
| **PARKING REQUIRED** | | |
| Office | 1/300 | 67 |
| Retail | 1/300 | 27 |
| Warehouse | 1/1000 | 127 |
| **TOTAL PARKING REQUIRED*** | | **223** |
| **PARKING PROVIDED** | | |
| Full Size Stalls | 9'-0" x 18'-0" | 113 |
| Compact Stalls | 7'-6" x 16'-0" | 114 |
| Parallel Stalls | 9'-0" x 24'-0" | 4 |
| **TOTAL PARKING PROVIDED** | | **228** |
| **PARKING RATIO** | | 1.47/1000 |

| **EV PARKING** | Required | Provided |
|---|---|---|
| EV - 20% of Total Required Parking | 45 | 45 |
| EVCS - 5% of Total Required Parking | 11 | 11 |
| **BICYCLE PARKING** | | |
| Long Term - 5% of Tenant parking | 6 | 6 |
| Short term - 5% of Visitor parking | 4 | 4 |
| DOCK DOORS | | 13 |
| GRADE DOORS | | 1 |

| **LANDSCAPE** | % | Area (S.F.) |
|---|---|---|
| Total Parking Lot Area | | 77,900 |
| Required - 5% of Parking Lot Area | 5.00% | 3,895 |
| Total Landscape Area Provided | 6.20% | 4,832 |




| | |
|---|---|
| Project: 13111.004 | Eng/Geol: RJF |
| Scale: 1 " = 100 ' | Date: October 2022 |
| Base Map: Site Plan by Architecture Design Relationships, 10/14/2022. | |
| Author: Leighton Geomatics (mmurphy) | |

# PROPOSED PHASE 1 SCHEMATIC FOR ROSEMEAD HOLDING LLC DEVELOPMENT ROSEMEAD HOLDING SITE

2222 North Rosemead Boulevard
South El Monte, California

**FIGURE 3**

Leighton

Map Saved as V:\Drafting\13111\004\Maps\13111-004_F02_PS-PH1_2022-10-21.mxd on 10/21/2022 5:05:34 PM

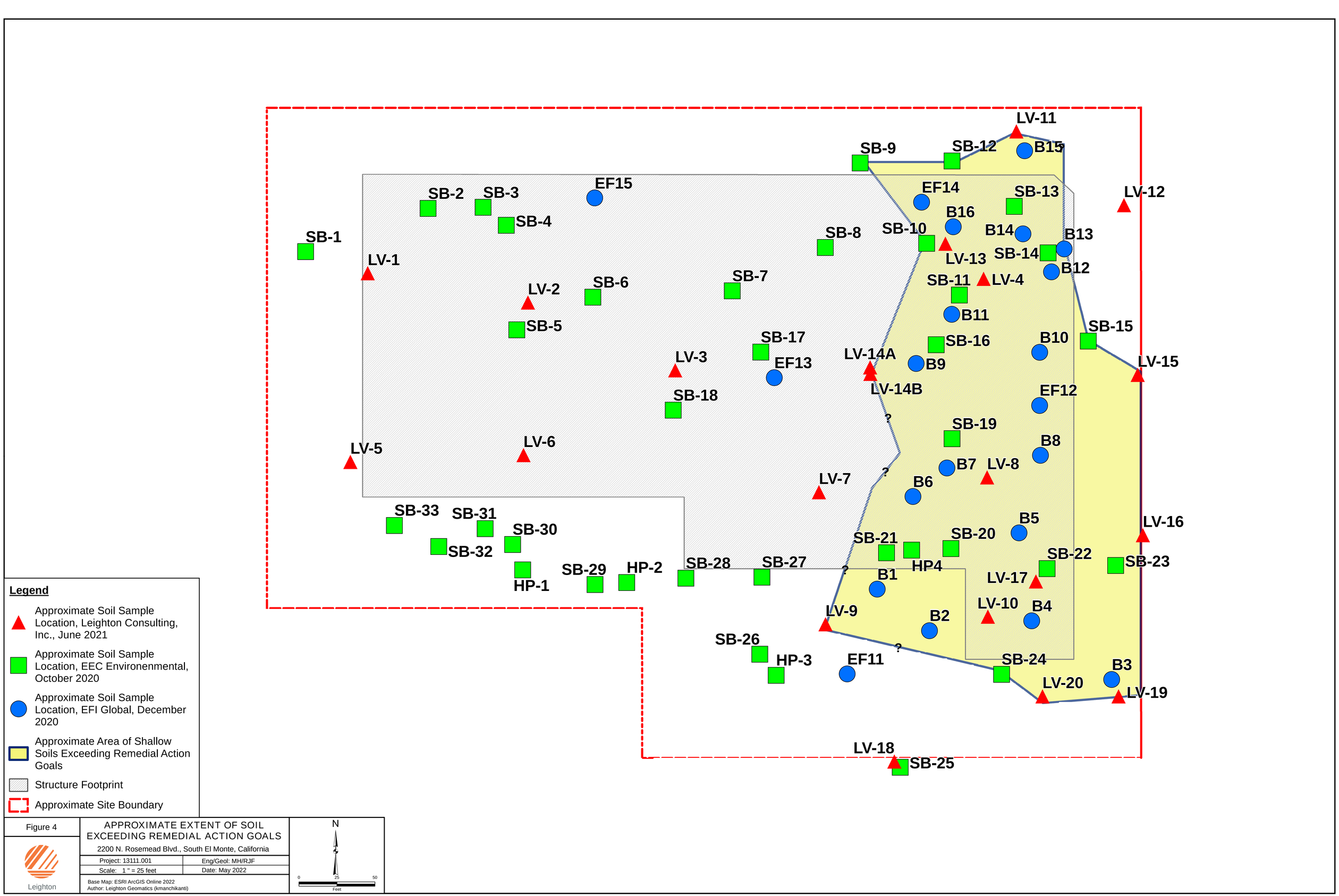



Figure 4

APPROXIMATE EXTENT OF SOIL EXCEEDING REMEDIAL ACTION GOALS

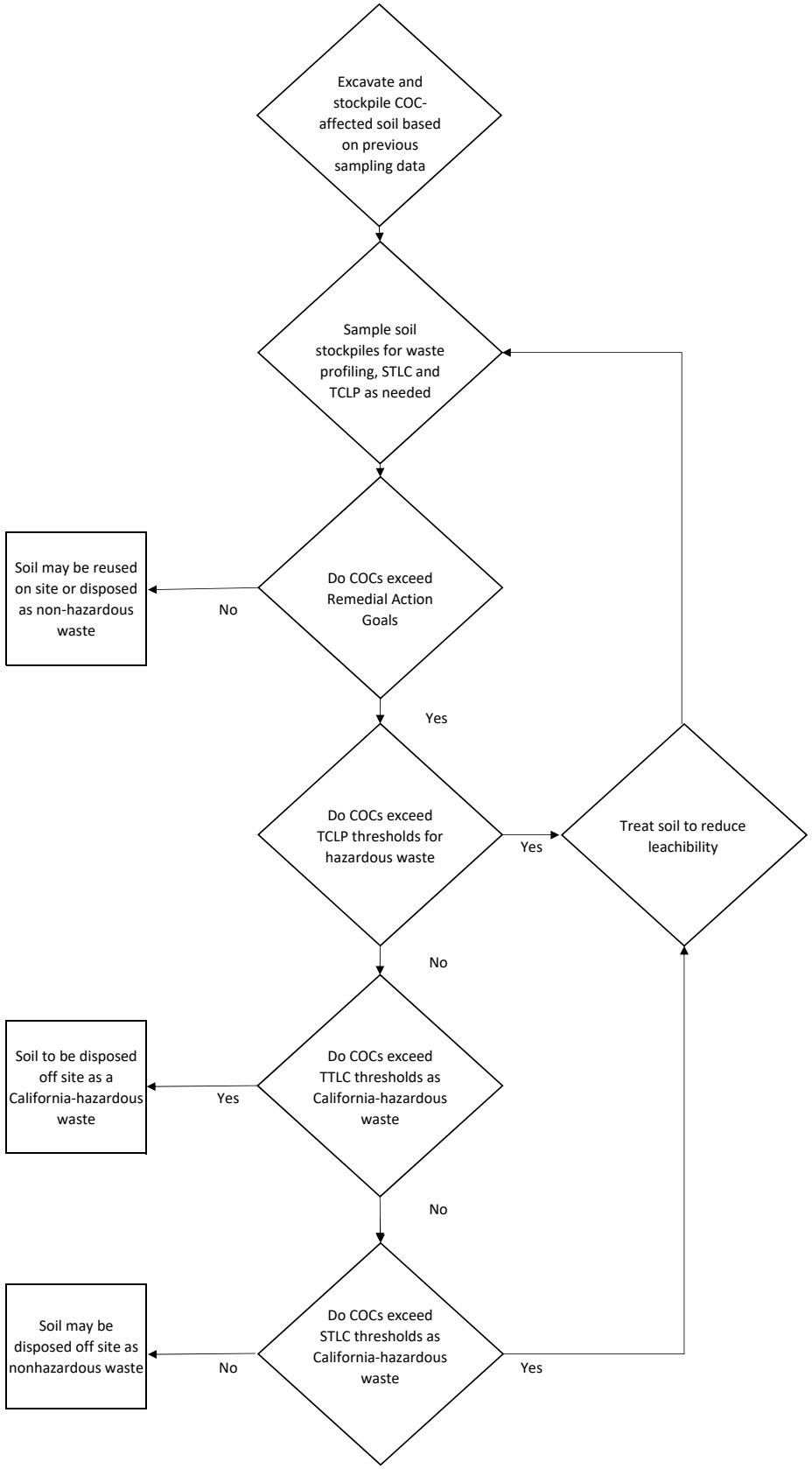
2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 25 feet | Date: May 2022 |

Base Map: ESRI ArcGIS Online 2022
Author: Leighton Geomatics (kmanchikanti)

Leighton

Map Saved as J:\Drafting\13111\001\Maps\13111-001_F04_SL_2022-05-26.mxd on 5/26/2022 12:37:50 PM




**SOIL REMEDIATION/DISPOSAL DECISION TREE**

2200 North Rosemead Blvd.
South El Monte, CA

**FIGURE 5**

Leighton

# APPENDIX A

## City Of South El Monte Planning Department

## Certificate Of Compliance For Lot Merger

## And

## Certificate Of Lot Line Adjustment And Lot Merger

Leighton

This page is part of your document - DO NOT DISCARD

# 20211698188

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

11/16/21 AT 08:00AM

Pages:
0010

| | |
|---|---|
| FEES: | 44.00 |
| TAXES: | 0.00 |
| OTHER: | 0.00 |
| SB2: | 75.00 |
| PAID: | 119.00 |

LEADSHEET

202111160240029

00021516414

012890342

SEQ:
01

SECURE - 8:00AM

THIS FORM IS NOT TO BE DUPLICATED

E460070

1074662

FOR REFERENCE ONLY: 20211698188

RECORDING REQUESTED BY
FIRST AMERICAN TITLE-1074662

AND WHEN RECORDED MAIL DOCUMENT TO:

NAME CITY OF SOUTH EL MONTE / PLANNING DEPARTMENT

STREET ADDRESS
1415 N. SANTA ANITA AVENUE

CITY, STATE & ZIP CODE
SOUTH EL MONTE, CA 91733

SPACE ABOVE FOR RECORDER'S USE ONLY

# CERTIFICATE OF COMPLIANCE FOR LOT MERGER

**Title of Document**

**Pursuant to Senate Bill 2 – Building Homes and Jobs Act (GC Code Section 27388.1), effective January 1, 2018, a fee of seventy-five dollars ($75.00) shall be paid at the time of recording of every real estate instrument, paper, or notice required or permitted by law to be recorded, except those expressly exempted from payment of recording fees, per each single transaction per parcel of real property. The fee imposed by this section shall not exceed two hundred twenty-five dollars ($225.00).**

☐ **Exempt from fee per GC 27388.1 (a) (2); recorded concurrently "in connection with" a transfer subject to the imposition of documentary transfer tax (DTT).**

☐ **Exempt from fee per GC 27388.1 (a) (2); recorded concurrently "in connection with" a transfer of real property that is a residential dwelling to an owner-occupier.**

☐ **Exempt from fee per GC 27388.1 (a) (1); fee cap of $225.00 reached.**

☐ **Exempt from the fee per GC 27388.1 (a) (1); not related to real property.**

**THIS COVER SHEET ADDED TO PROVIDE ADEQUATE SPACE FOR RECORDING INFORMATION**
**($3.00 Additional Recording Fee Applies)**

Recording Requested By
And When Recorded Return To:
City of South El Monte
1415 N. Santa Anita Avenue
South El Monte, California 91733
Attn: PLANNING DEPARTMENT

# CERTIFICATE OF COMPLIANCE
## For Lot Merger

**Affecting that real property described as follows:**

Assessor's Parcel Numbers 8102-039-029 (2218 Rosemead Blvd., South El Monte, CA 91733);
8102-039-030 (2212 Rosemead Blvd., South El Monte, CA 91733);
8102-039-031 (2226 Rosemead Blvd., South El Monte, CA 91733); and
8102-039-035 (2200 Rosemead Blvd., South El Monte, CA 91733)

**Brief description of the Lot Merger:**

Merge the existing 4 parcels into a single lot.

**List of attached exhibits:**

Exhibit "A" - Legal Description prior to Lot Merger
Exhibit "B" - Legal Description after Lot Merger
Exhibit "C" - Owner's Certification
Exhibit "D" - Plat of the Property Showing the Lot Merger

**Legal Owners:**

Parcels A, B, C and D:
Name: ROSEMEAD HOLDING LLC, a California limited liability company
Address: 221 N. Orange Ave.,
City of Industry, CA 91744

**CITY CERTIFICATION**

The City of South El Monte hereby certifies that as of the date of this Certificate, the above described property is in compliance with the provisions of the Subdivision Map Act (Government Code Section 66410, et seq.) and local ordinances enacted pursuant thereto and shall certify the establishment of the lot line adjustment as referenced herein. This certificate relates only to issues of compliance or noncompliance with the Subdivision Map Act or any local ordinance enacted pursuant thereto. The parcel(s) described herein may be sold, leased or financed without further compliance with the Subdivision Map Act or any other local ordinance enacted pursuant thereto. Development of the parcel(s) may require issuance of a permit or permits, or other grant or grants of approval.

Community Development Director

10/13/21
Date

City Engineer
FOR David B. Ragland

10/8/21
Date

RCE (LS) 5173

LICENSED LAND SURVEYOR
DAVID B. RAGLAND
No. 5173
STATE OF CALIFORNIA

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT** CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Bernardino

On October 8, 2021 before me, Julie Ann Robbins, Notary Public
*Date* *Here Insert Name and Title of the Officer*

personally appeared DAVID B. RAGLAND
*Name(s) of Signer(s)*

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

JULIE ANN ROBBINS
Notary Public - California
Riverside County
Commission # 2261610
My Comm. Expires Oct 7, 2022

*Place Notary Seal and/or Stamp Above*

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Julie Ann Robbins
*Signature of Notary Public*

**OPTIONAL**

*Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

**Capacity(ies) Claimed by Signer(s)**

| | |
|---|---|
| Signer's Name: _____ | Signer's Name: _____ |
| ☐ Corporate Officer – Title(s): _____ | ☐ Corporate Officer – Title(s): _____ |
| ☐ Partner – ☐ Limited ☐ General | ☐ Partner – ☐ Limited ☐ General |
| ☐ Individual ☐ Attorney in Fact | ☐ Individual ☐ Attorney in Fact |
| ☐ Trustee ☐ Guardian of Conservator | ☐ Trustee ☐ Guardian of Conservator |
| ☐ Other: _____ | ☐ Other: _____ |
| Signer is Representing: _____ | Signer is Representing: _____ |

©2017 National Notary Association

# EXHIBIT "A"

## LEGAL DESCRIPTION PRIOR TO LOT MERGER

*PARCEL A: (APN 8102-039-029)*

THAT PORTION OF LOT 50 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY LINE OF SAID LOT WITH A LINE THAT IS PARALLEL WITH AND DISTANT EASTERLY 52 FEET MEASURED AT RIGHT ANGLES FROM THE WESTERLY LINE OF SAID LOT; THENCE ALONG SAID PARALLEL LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 160 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID PARALLEL LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 80 FEET; THENCE PARALLEL WITH SAID SOUTHERLY LINE SOUTH 89 DEGREES 58 MINUTES 00 SECONDS EAST 178 FEET; THENCE PARALLEL WITH SAID WESTERLY LINE SOUTH 0 DEGREES 02 MINUTES 00 SECONDS WEST 80 FEET; THENCE NORTH 89 DEGREES 58 MINUTES 00 SECONDS WEST 178 FEET TO THE TRUE POINT OF BEGINNING.

*PARCEL B: (APN 8102-039-030)*

THAT PORTION OF LOT 50 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY LINE OF SAID LOT WITH A LINE THAT IS PARALLEL WITH AND DISTANT EASTERLY 52 FEET, MEASURED AT RIGHT ANGLES FROM THE WESTERLY LINE OF SAID LOT; THENCE ALONG SAID PARALLEL LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 80 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID PARALLEL LINE NORTH 0 DEGREES 02 MINUTES 00 SECONDS EAST 80 FEET; THENCE PARALLEL WITH SAID SOUTHERLY LINE SOUTH 89 DEGREES 58 MINUTES 00 SECONDS EAST 178 FEET; THENCE PARALLEL WITH SAID WESTERLY LINE SOUTH 0 DEGREES 02 MINUTES 00 SECONDS WEST 80 FEET; THENCE NORTH 89 DEGREES 58 MINUTES 00 SECONDS WEST 178 FEET TO THE TRUE POINT OF BEGINNING.

*PARCEL C: (APN 8102-039-031)*

THAT PORTION OF LOT 50, TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, PER MAP RECORDED IN BOOK 15, PAGE 182 ET SEQ. OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE WESTERLY LINE OF SAID LOT 50 DISTANT NORTH 0°02'00" EAST 240.0 FEET FROM THE SOUTHWEST CORNER OF SAID LOT; THENCE PARALLEL WITH THE SOUTHERLY LINE OF SAID LOT, SOUTH 89°58' EAST 52.00 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING SOUTH 89°58' EAST, PARALLEL WITH THE SOUTHERLY LINE OF SAID LOT, 178.00 FEET TO A POINT; THENCE PARALLEL WITH THE WESTERLY LINE OF SAID LOT SOUTH 0°02'00" WEST 51.5 FEET TO A POINT; THENCE PARALLEL WITH THE SOUTHERLY LINE OF SAID LOT SOUTH 89°58'00" EAST 400.00 FEET TO A POINT IN THE EASTERLY LINE OF SAID LOT; THENCE ALONG THE EASTERLY LINE OF SAID LOT NORTH 0°02'00" EAST 141.5 FEET TO THE SOUTHERLY LINE OF THE NORTHERLY 330.00 FEET OF SAID LOT; THENCE ALONG SAID LAST MENTIONED SOUTHERLY LINE NORTH 89°58'00" WEST 578 FEET TO THE EASTERLY LINE OF THE WESTERLY 52 FEET OF SAID LOT; THENCE SOUTH 0°02' WEST ALONG SAID EASTERLY LINE 90.00 FEET TO THE TRUE POINT OF BEGINNING.

# EXHIBIT "A"

## LEGAL DESCRIPTION PRIOR TO LOT MERGER

*PARCEL D: (APN 8102-039-035)*

THAT PORTION OF LOT 50 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGES 182 ET SEQ., OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE SOUTHERLY LINE OF SAID LOT 50, WITH A LINE THAT IS PARALLEL WITH AND DISTANT 52.00 FEET EASTERLY, MEASURED AT RIGHT ANGLES, FROM THE WESTERLY LINE OF SAID LOT; THENCE ALONG SAID PARALLEL LINE, NORTH 0°02'00" EAST 80.00 FEET; THENCE PARALLEL WITH THE SOUTHERLY LINE OF SAID LOT, SOUTH 89°58'00" EAST 178.00 FEET TO A POINT ON THE LINE THAT IS PARALLEL WITH THE WESTERLY LINE OF SAID LOT AND PASSES THROUGH THE MOST SOUTHERLY SOUTHWEST CORNER OF THE LAND CONVEYED TO MASSA & SICKNER, A PARTNERSHIP, BY DEED RECORDED ON MAY 13, 1954, AS INSTRUMENT NO. 358, IN BOOK 44566 PAGE 6, OFFICIAL RECORDS, OF SAID COUNTY; THENCE ALONG SAID LAST MENTIONED PARALLEL LINE, NORTH 0°02'00" EAST 108.50 FEET TO SAID MOST SOUTHERLY SOUTHWEST CORNER; THENCE ALONG THE SOUTHERLY LINE OF THE LAND CONVEYED IN SAID DEED, SOUTH 89°58'00" EAST 400.00 FEET TO THE EASTERLY LINE OF SAID LOT; THENCE ALONG SAID LAST MENTIONED EASTERLY LINE, SOUTH 0°02'00" WEST 188.50 FEET TO THE SOUTHEAST CORNER OF SAID LOT; THENCE ALONG THE SOUTHERLY LINE OF SAID LOT, NORTH 89°58'00" WEST 578.00 FEET TO THE POINT OF BEGINNING.

# EXHIBIT "B"

## LEGAL DESCRIPTION AFTER LOT MERGER

*PARCEL 1:*

LOT 50 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15, PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPTING THEREFROM THE WESTERLY 52 FEET OF SAID LOT.

ALSO EXCEPTING THEREFROM THE NORTHERLY 330 FEET OF SAID LOT.

CONTAINING A TOTAL AREA OF 4.379 ACRES, MORE OR LESS.

SUBJECT TO EASEMENTS, COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, RIGHTS-OF-WAY AND MATTERS OF RECORD, IF ANY.

ALSO SHOWN IN EXHIBIT "D", ATTACHED HEREWITH AND MADE A PART HEREOF.

9/23/21
DATE

MICHAEL FURLONG, PLS 8899
LICENSE EXPIRES 12/31/2021

PROFESSIONAL LAND SURVEYOR
MICHAEL FURLONG
No. 8899
EXP. 12-31-2021
STATE OF CALIFORNIA

# EXHIBIT "C"

## OWNERS CERTIFICATE FOR LOT MERGER

We hereby certify that we are all and the only owners of the property as described in EXHIBIT "A" and "B" and shown on EXHIBIT "D" all attached hereto, and we hereby consent to the preparation and recordation of a Certificate of Compliance to adjust the lot lines as shown on these exhibits.

Name of Owner Rosemead Holding LLC, a California Limited Liability Company

By. Wayne Wang
(Print Name) President

By: _____
(Signature)

Name of Owner

By: _____
(Print Name)

By: _____
(Signature)

## NOTARY ACKNOWLEDGEMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Los Angeles )

On September 27, 2021 before me, Catherine Wynn, Notary Public
(insert name and title of the officer)

Personally appeared Wayne Wang, who proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her~~/their authorized capacity~~(ies)~~, and that by his/~~her~~/their signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

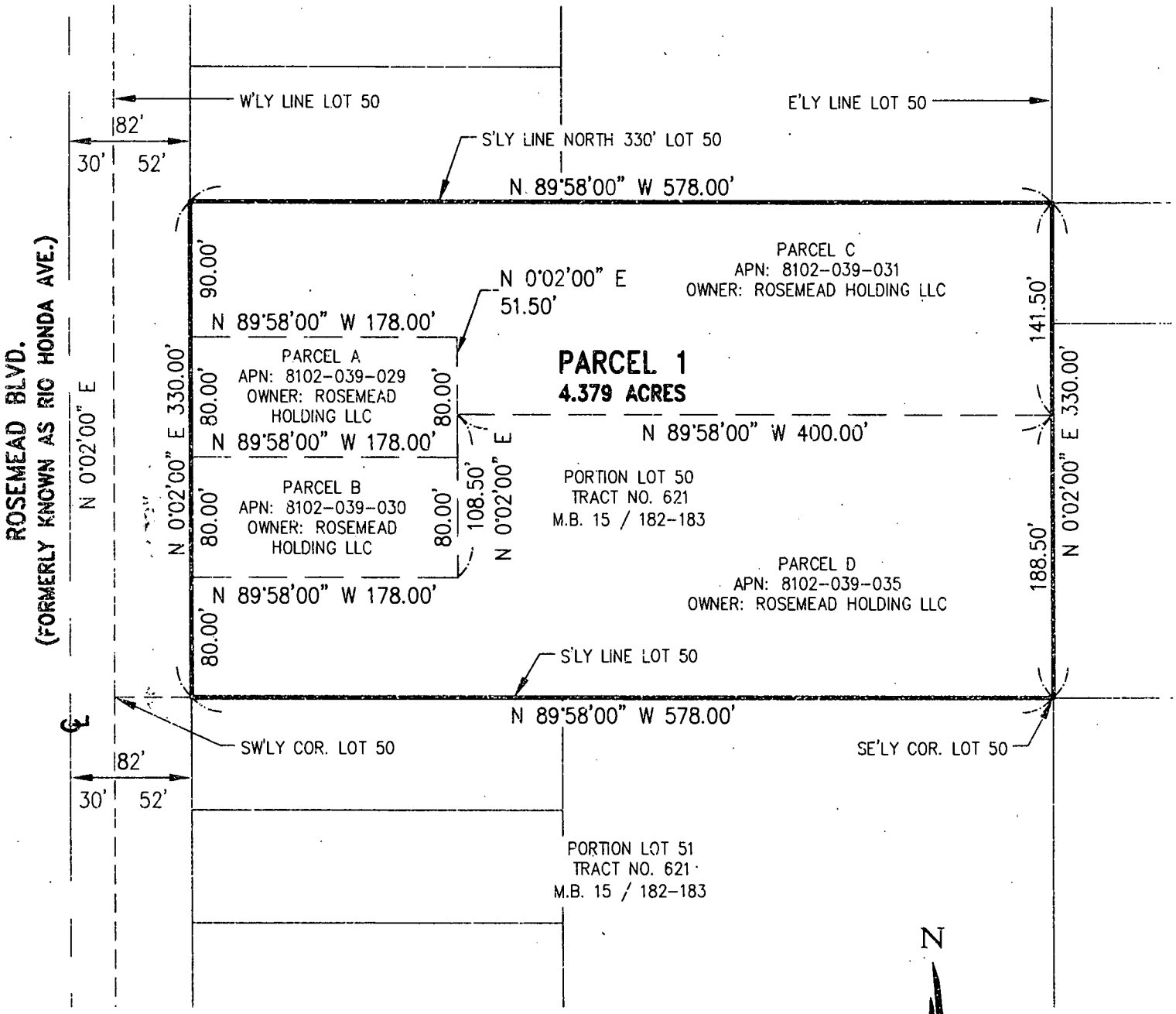
WITNESS my hand and official seal.

Signature _____ (Seal)

CATHERINE WYNN
Notary Public - California
Los Angeles County
Commission # 2354329
My Comm. Expires Apr 19, 2025

# EXHIBIT "D"

## PLAT OF PROPERTY SHOWING THE LOT MERGER




PROFESSIONAL LAND SURVEYOR
MICHAEL FURLONG
No. 8899
EXP. 12-31-2021
STATE OF CALIFORNIA

9/23/21

**LEGEND:**

LOT MERGER BOUNDARY

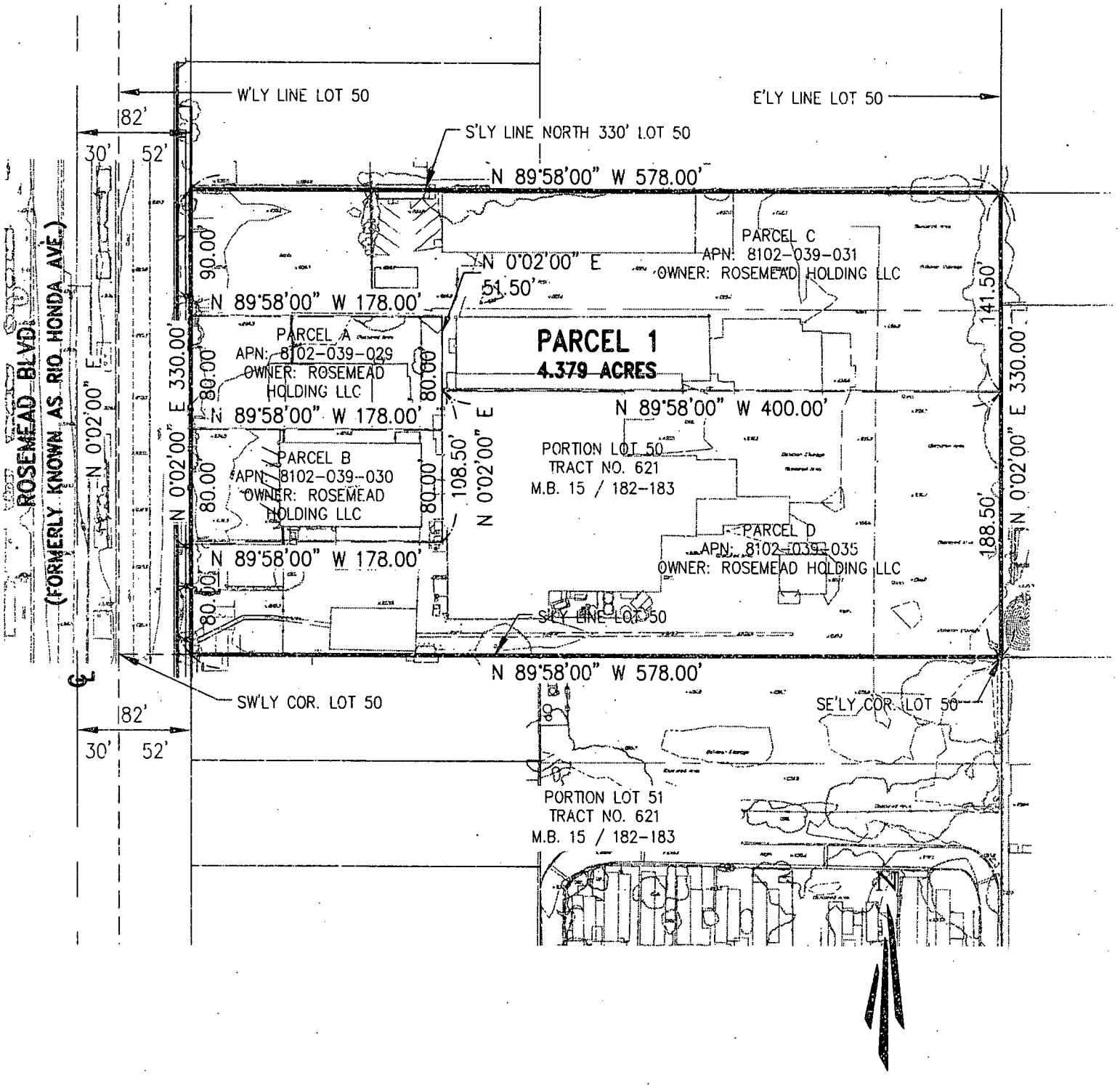
EXISTING LOT LINE TO BE ADJUSTED

SHEET 1 OF 1


TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL. (714) 560-8200

# EXHIBIT "D"

## PLAT OF PROPERTY SHOWING THE LOT MERGER




1 inch = 100 ft.

**LEGEND:**

LOT MERGER BOUNDARY

EXISTING LOT LINE TO BE ADJUSTED

SHEET 1 OF 1


TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL.. (714) 560-8200

This page is part of your document - DO NOT DISCARD

# 20220311779

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

03/18/22 AT 08:00AM

Pages:
0010

| | |
|---|---|
| FEES: | 44.00 |
| TAXES: | 0.00 |
| OTHER: | 0.00 |
| PAID: | 44.00 |

LEADSHEET

202203180150002

00022099305

013252027

SEQ:
01

SECURE - 8:00AM

THIS FORM IS NOT TO BE DUPLICATED

E548170

1074662

FOR REFERENCE ONLY: 20220311779

RECORDING REQUESTED BY
FIRST AMERICAN TITLE-SUBDIVISION DEPT.

AND WHEN RECORDED MAIL DOCUMENT TO:

NAME CITY OF SOUTH EL MONTE

STREET ADDRESS
1415 N. SANTA ANITA AVENUE

CITY, STATE & ZIP CODE
SOUTH EL MONTE, CA 91733

SPACE ABOVE FOR RECORDER'S USE ONLY

# CERTIFICATE OF COMPLIANCE FOR LOT LINE ADJUSTMENT

**Title of Document**

**Pursuant to Senate Bill 2 – Building Homes and Jobs Act (GC Code Section 27388.1), effective January 1, 2018, a fee of seventy-five dollars ($75.00) shall be paid at the time of recording of every real estate instrument, paper, or notice required or permitted by law to be recorded, except those expressly exempted from payment of recording fees, per each single transaction per parcel of real property. The fee imposed by this section shall not exceed two hundred twenty-five dollars ($225.00).**

☐ **Exempt from fee per GC 27388.1 (a) (2); recorded concurrently "in connection with" a transfer subject to the imposition of documentary transfer tax (DTT).**

☐ **Exempt from fee per GC 27388.1 (a) (2); recorded concurrently "in connection with" a transfer of real property that is a residential dwelling to an owner-occupier.**

☐ **Exempt from fee per GC 27388.1 (a) (1); fee cap of $225.00 reached.**

☐ **Exempt from the fee per GC 27388.1 (a) (1); not related to real property.**

**THIS COVER SHEET ADDED TO PROVIDE ADEQUATE SPACE FOR RECORDING INFORMATION**
**($3.00 Additional Recording Fee Applies)**

Recording Requested By
And When Recorded Return To:
City of South El Monte
1415 N. Santa Anita Avenue
South El Monte, California 91733
Attn: PLANNING DEPARTMENT

1074662

# CERTIFICATE OF COMPLIANCE
## For Lot Line Adjustment

**Affecting that real property described as follows:**

Assessor's Parcel Numbers 8102-040-011 (9427, 9431 and 9447 Rush St., South El Monte, CA 91733);
8102-039-029 (2218 Rosemead Blvd., South El Monte, CA 91733);
8102-039-030 (2212 Rosemead Blvd., South El Monte, CA 91733);
8102-039-031 (2226 Rosemead Blvd., South El Monte, CA 91733); and
8102-039-035 (2200 Rosemead Blvd., South El Monte, CA 91733)

**Brief description of the Lot Line Adjustment:**

Adjust the common lot line between the above referenced parcels.

**List of attached exhibits:**

Exhibit "A" - Legal Description prior to Lot Line Adjustment
Exhibit "B" - Legal Description after Lot Line Adjustment
Exhibit "C" - Owner's Certification
Exhibit "D" - Plat of the Property Showing the Lot Line Adjustment

**Legal Owners:**

Parcel A:
Name: ROSEMEAD HOLDING LLC, a California limited liability company
Address: 221 N. Orange Ave.,
City of Industry, CA 91744

Parcel B:
Name: ROSEMEAD HOLDING LLC, a California limited liability company
Address: 221 N. Orange Ave.,
City of Industry, CA 91744

The City Engineer hereby states the Lot Line Adjustment complies with the applicable provisions of the Subdivision Map Act and the City Municipal Code. This certificate relates only to issues of compliance or noncompliance with the Subdivision Map Act and local ordinance enacted pursuant thereto. The parcels described herein may be sold, leased or financed without further compliance with the Subdivision Map Act or any other local ordinance enacted pursuant thereto. Development of the parcel(s) may require issuance of a permit or permits, or other grant or grants of approval.

City of South El Monte

FOR City Engineer

David B. Ragland

RCE/LS 5173

1/8/22
Date

Gavin Robertson
SEE ATTACHED CALIFORNIA CERTIFICATE

01/08/2022

LICENSED LAND SURVEYOR
DAVID B. RAGLAND
No. 5173
STATE OF CALIFORNIA

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT** **CIVIL CODE SECTION 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of SAN DIEGO

On JANUARY 8, 2022 before me, Gavin Robertson, NOTARY PUBLIC

personally appeared DAVID B. RAGLAND

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

GAVIN ROBERTSON
COMM. #2341312
NOTARY PUBLIC • CALIFORNIA
SAN DIEGO COUNTY
Commission Expires Jan 12, 2025

I certify under PENALTY OF PERJURY under the Laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
Signature of Notary Public

Place Notary Seal and/or Stamp Above

**OPTIONAL**

Description of Attached Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) other than named above: _____

# EXHIBIT "A"

## LEGAL DESCRIPTION PRIOR TO LOT LINE ADJUSTMENT

*PARCEL A: (APN 8102-040-011)*

THAT PORTION OF LOT 51 IN TRACT 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGE 182 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, WHICH LIES EASTERLY OF A LINE THAT IS PARALLEL WITH AND DISTANT 300 FEET EASTERLY AT RIGHT ANGLES FROM THE WESTERLY LINE OF SAID LOT.

EXCEPT THE EASTERLY 70 FEET OF THE SOUTHERLY 200 FEET OF SAID LAND.

*PARCEL B: (APN: 8102-039-029, -030, -031 & -035)*

PARCEL 1 OF THAT CERTAIN CERTIFICATE OF LOT MERGER, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, RECORDED NOVEMBER 16, 2021, AS INSTRUMENT NO. 20211698188, RECORDS OF THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

# EXHIBIT "B"

## LEGAL DESCRIPTION AFTER LOT LINE ADJUSTMENT

*PARCEL 1:*

THAT PORTION OF LOT 51 OF TRACT NO. 621, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15 PAGES 182 AND 183 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, WHICH LIES EASTERLY OF A LINE THAT IS PARALLEL WITH AND DISTANT 300 FEET EASTERLY, MEASURED AT RIGHT ANGLES, FROM THE WESTERLY LINE OF SAID LOT.

EXCEPTING THEREFROM THE EASTERLY 70 FEET OF THE SOUTHERLY 200 FEET OF SAID LAND.

ALSO EXCEPTING THEREFROM THE NORTHERLY 100 FEET OF SAID LAND.

CONTAINING A GROSS AREA OF 3.694 ACRES AND A NET AREA 3.634 ACRES, MORE OR LESS.

*PARCEL 2:*

ALL OF PARCEL 1 OF THAT CERTAIN CERTIFICATE OF LOT MERGER, IN THE CITY OF SOUTH EL MONTE, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, RECORDED NOVEMBER 16, 2021, AS INSTRUMENT NO. 20211698188, TOGETHER WITH THE NORTHERLY 100 FEET OF LOT 51 OF TRACT NO. 621, OF SAID CITY AND COUNTY, AS PER MAP RECORDED IN BOOK 15 PAGES 182 AND 183 OF MAPS, BOTH RECORDS OF THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPTING THEREFROM THE WESTERLY 300 FEET OF SAID LOT 51.

CONTAINING A TOTAL AREA OF 5.136 ACRES, MORE OR LESS.

SUBJECT TO EASEMENTS, COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, RIGHTS-OF-WAY AND MATTERS OF RECORD, IF ANY.

ALSO SHOWN IN EXHIBIT "D", ATTACHED HEREWITH AND MADE A PART HEREOF.

12/16/21
DATE

MICHAEL FURLONG, PLS 8899
LICENSE EXPIRES 12/31/2021

# EXHIBIT "C"

## OWNERS CERTIFICATE FOR LOT LINE ADJUSTMENT

We hereby certify that we are all and the only owners of the property as described in EXHIBIT "A" and "B" and shown on EXHIBIT "D" all attached hereto, and we hereby consent to the preparation and recordation of a Certificate of Compliance to adjust the lot lines as shown on these exhibits.

Name of Owner

By: Wayne Wang
(Print Name)

By: _____
(Signature)

Name of Owner

By: _____
(Print Name)

By: _____
(Signature)

## NOTARY ACKNOWLEDGEMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Orange )

On December 22, 2021 before me, Sarah Lynne Norton, Notary Public,
(insert name and title of the officer)

Personally appeared Wayne Wang, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

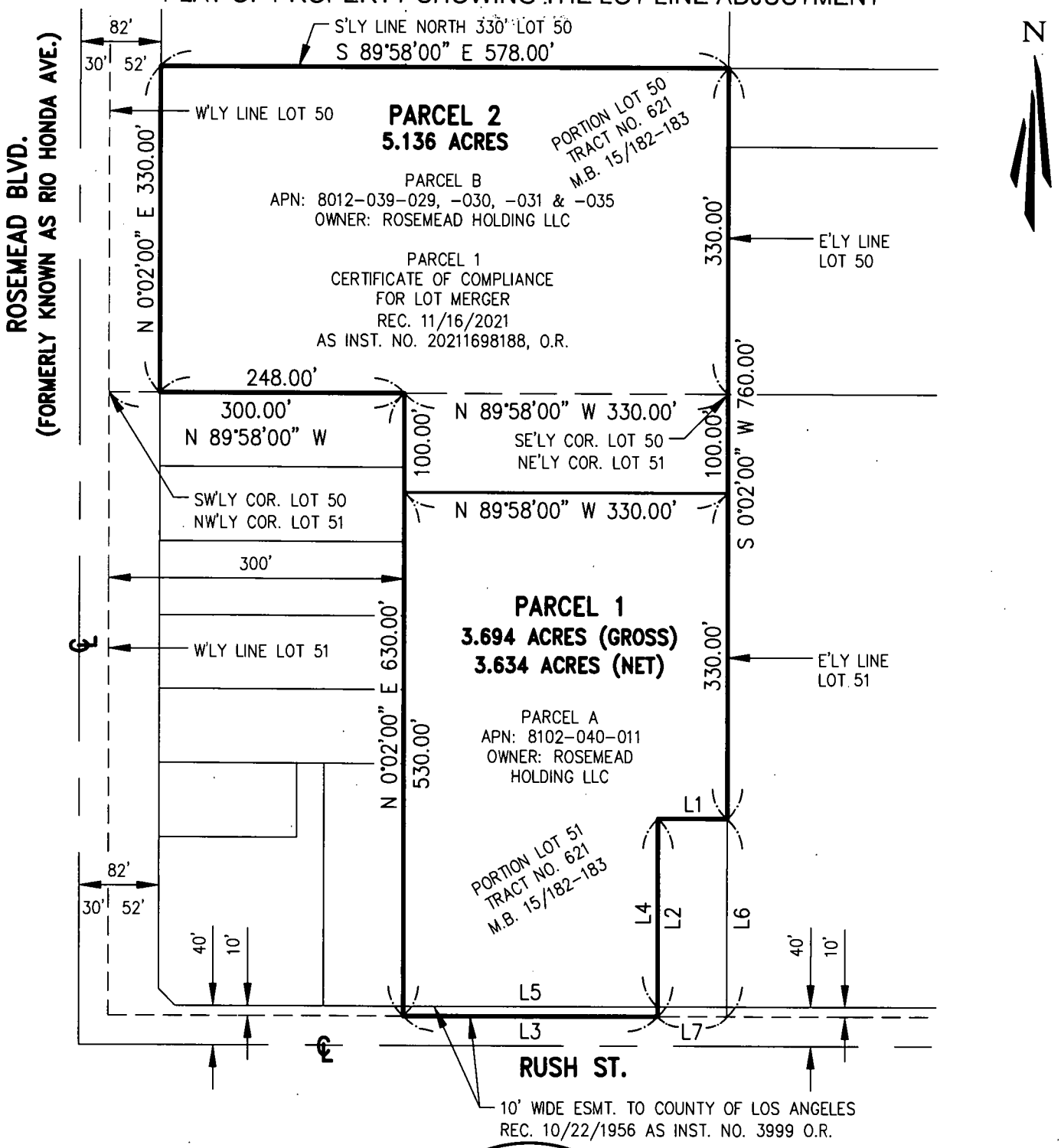
WITNESS my hand and official seal.

Signature Sarah Lynne Norton (Seal)

SARAH LYNNE NORTON
Notary Public - California
Orange County
Commission # 2372572
My Comm. Expires Aug 28, 2025

# EXHIBIT "D"

## PLAT OF PROPERTY SHOWING THE LOT LINE ADJUSTMENT




12/16/21

PROFESSIONAL LAND SURVEYOR
MICHAEL FURLONG
No. 8899
EXP. 12-31-2021
STATE OF CALIFORNIA

0 150' 300'

1 inch = 150ft.

**LEGEND:**

- LOT LINE ADJUSTMENT BOUNDARY
- PROPOSED BOUNDARY LINE
- EXISTING LOT LINE TO BE ADJUSTED

SHEET 1 OF 2


TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL. (714) 560-8200

# EXHIBIT "D"

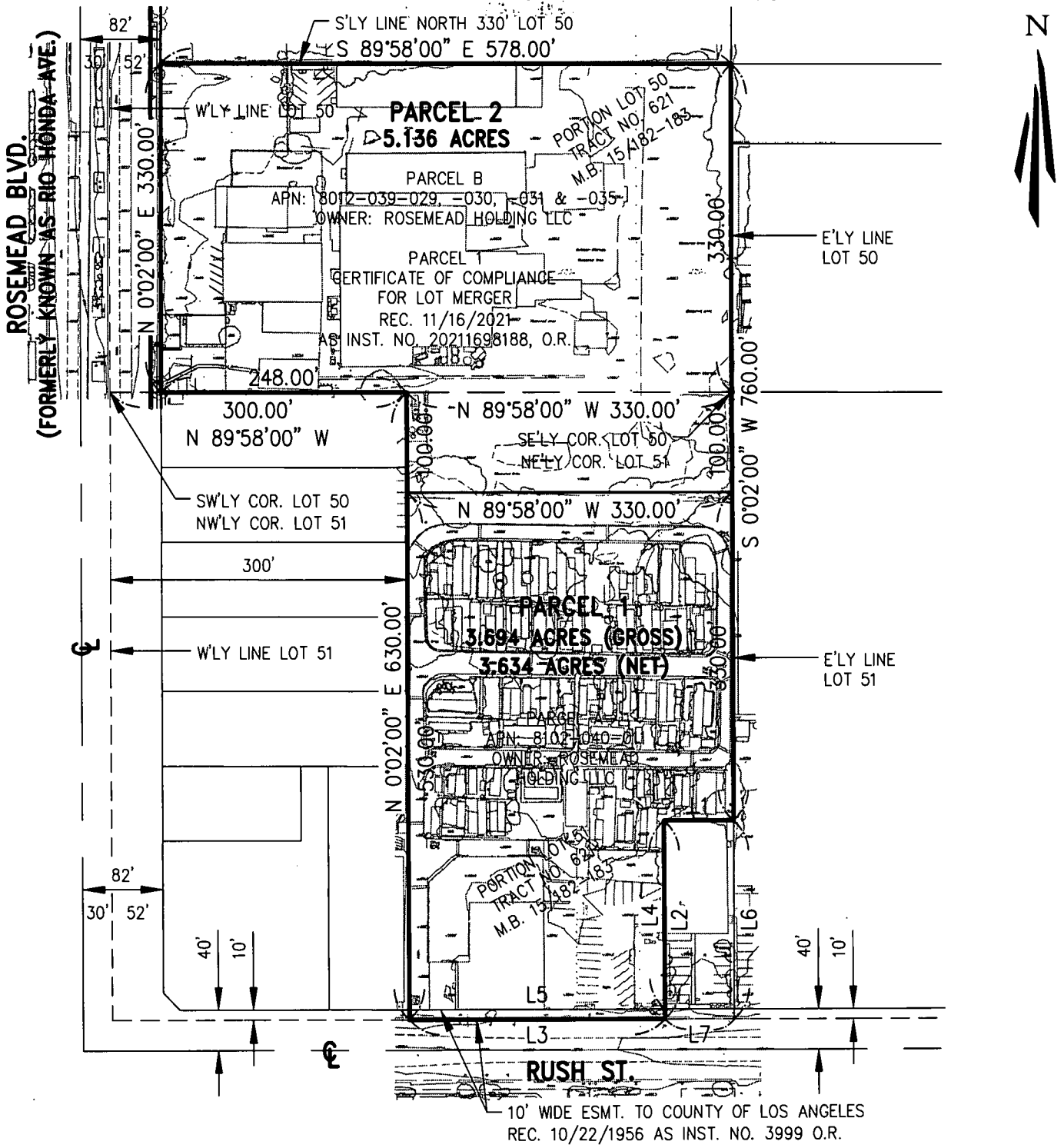
PLAT OF PROPERTY SHOWING THE LOT LINE ADJUSTMENT

| LINE TABLE | | |
|---|---|---|
| NUMBER | BEARING | LENGTH |
| L1 | N89° 58' 00"W | 70.00' |
| L2 | N0° 02' 00"E | 200.00' |
| L3 | N89° 58' 00"W | 260.00' |
| L4 | N0° 02' 00"E | 190.00' |
| L5 | N89° 58' 00"W | 260.00' |
| L6 | N0° 02' 00"E | 200.00' |
| L7 | N89° 58' 00"W | 70.00' |

TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL. (714) 560-8200

# EXHIBIT "D"

## PLAT OF PROPERTY SHOWING THE LOT LINE ADJUSTMENT




**LEGEND:**

- LOT LINE ADJUSTMENT BOUNDARY
- PROPOSED BOUNDARY LINE
- EXISTING LOT LINE TO BE ADJUSTED

SHEET 1 OF 1


TAIT & ASSOCIATES INC.
Engineering · Surveying · Environmental
701 PARKCENTER DRIVE, SANTA ANA, CALIFORNIA 92705
TEL. (714) 560-8200

# APPENDIX B

## Preliminary Endangerment Assessment

Leighton

ENVIRO-TOX
services, inc.

# PRELIMINARY ENDANGERMENT ASSESSMENT
# ROSEMEAD HOLDING, LLC PROPERTY
# 2200 NORTH ROSEMEAD BOULEVARD
# SOUTH EL MONTE, CALIFORNIA

*Prepared for*

*Leighton Consulting, Inc.*
17781 Cowan
Irvine, California 92614

November 18, 2022

*Enviro-Tox Services, Inc.*
20 Corporate Park, Suite 220
Irvine, California 92606

# Disclaimer

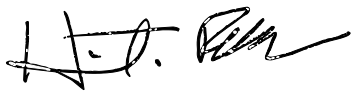
This Preliminary Endangerment Assessment (PEA) report was prepared by Enviro-Tox Services, Inc. (Enviro-Tox) for the use of Rosemead Holding, LLC and Leighton Consulting, Inc. (Leighton). The PEA is based on soil data provided by Leighton for the Rosemead Holding, LLC site located in South El Monte, California.

This PEA report was prepared based partially on information supplied by Leighton, which is in the public domain, and partially from information and data generated by consultants during investigations conducted in 2020 and 2021 of the South El Monte site. Documentation for the statements made in this PEA report is on file at either Leighton or Enviro-Tox offices. Enviro-Tox makes no warranty as to the accuracy of statements made by others which are contained in this PEA report, nor are any other warranties or guarantees, express or implied, included or intended in this PEA report with respect to information supplied by outside sources or conclusions or recommendations substantially based on information supplied by outside sources. This PEA report has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for this PEA report are subject to professional interpretation, differing conclusions could be reached. Enviro-Tox does not assume responsibility for the discovery and/or elimination of hazards, which could possibly cause accidents, injuries, or damage unless those hazards were apparent, and should have been discovered, as a result of the services Enviro-Tox performed for Leighton. This PEA report represents the professional judgment of Enviro-Tox; however, compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of Leighton or Rosemead Holding, LLC's obligations under local, state, or federal laws, or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

# Acknowledgement and Signature Page

This Preliminary Endangerment Assessment (PEA) report was prepared by Enviro-Tox Services Inc. This Report is intended for use by Leighton Consulting, Inc. and Rosemead Holding, LLC for the evaluation of soil quality conditions at the industrial site located at 2200 North Rosemead Boulevard in South El Monte, California. The professional services provided have been performed in accordance with practices generally accepted by other scientists and engineers practicing under similar conditions in California. No other warranty, either expressed or implied, is made. As with all environmental projects, there is no guarantee that the implemented scope of work will necessarily identify all and any of the potential health risks and hazards posed by chemicals detected within the Rosemead Holding, LLC site.



| | |
|---|---|
| Signature | Principal Toxicologist<br>Title |
| Heriberto Robles, M.S., Ph.D., D.A.B.T.<br>Enviro-Tox Services, Inc. | November 18, 2022<br>Date |

# TABLE OF CONTENTS

SECTION PAGE

EXECUTIVE SUMMARY ..... VI

1.0 INTRODUCTION ..... 1-1
- 1.1 Project Background and Objectives ..... 1-1
- 1.2 Scope ..... 1-1

2.0 SITE CHARACTERIZATION ..... 2-1
- 2.1 Environmental Assessment Summary ..... 2-1
- 2.2 Geology and Hydrogeology ..... 2-2

3.0 SELECTION OF CHEMICALS OF POTENTIAL CONCERN ..... 3-1
- 3.1 Organic Compounds ..... 3-1
- 3.2 Metals ..... 3-1
- 3.3 Total Petroleum Hydrocarbons (TPH) ..... 3-3

4.0 EXPOSURE ASSESSMENT ..... 4-1
- 4.1 Conceptual Site Model ..... 4-1
  - 4.1.1 Identification of Potential Receptors ..... 4-2
  - 4.1.2 Identification of Exposure Media and Pathways ..... 4-3
- 4.2 Exposure Point Concentrations ..... 4-3
  - 4.2.1 Fate and Transport Modeling ..... 4-4
- 4.3 Dose Estimation ..... 4-5

5.0 TOXICITY VALUES ..... 5-1
- 5.1 Slope Factors ..... 5-2
- 5.2 Reference Doses ..... 5-2

6.0 RISK CHARACTERIZATION ..... 6-1
- 6.1 Non-Carcinogenic Risk Characterization ..... 6-1
- 6.2 Incremental Cancer Risks ..... 6-4

7.0 RISK-BASED CLEANUP LEVEL DEVELOPMENT ..... 7-1
- 7.1 Development of Risk-Based Cleanup Levels ..... 7-2

8.0 UNCERTAINTY ANALYSIS ..... 8-1

9.0 REFERENCES ..... 9-1

*LIST OF FIGURES*

Figure 1 Site Location Map (Provided by Leighton Consulting, Inc.)

Figure 2 Proposed Site Development Plan (Provided by Leighton Consulting, Inc.)

Figure 3 Conceptual Site Model for Chemicals in Soil

*LIST OF TABLES*

ES-1 Estimated Cancer Risks and Health Hazards for Onsite Receptors

Table 1 Soil Analytical Test Results – Metals

Table 2 Soil Analytical Test Results – Polychlorinated Biphenyls

Table 3 Soil Analytical Test Results – Total Petroleum Hydrocarbons

Table 4 Soil Analytical Test Results – Volatile Organic Compounds

Table 5 Comparison of Metals in Soil to Background and Soil Screening Levels

Table 6 Statistical Parameters for Metals Selected as Chemicals of Potential Concern

Table 7 Statistical Parameters for PCBs Selected as Chemicals of Potential Concern

Table 8 Statistical Parameters for TPH Fractions Selected as Chemicals of Potential Concern

Table 9 Volatilization Emission Factor Calculation

Table 10 Exposure Parameters for Onsite Receptors

Table 11 Toxicity Criteria for Chemicals of Potential Concern

Table 12 Estimated Cumulative Risks and Hazards that Could Result from Exposure to Soil and Dust, Construction Worker and Non-Intrusive Worker Exposure Scenario

Table 13 Risk-Based Concentrations for Soil

## *LIST OF APPENDICES*

Appendix A: Leighton Consulting, Inc. Soil Data Tables

Appendix B: ProUCL Printouts

Appendix C: Cancer Risk and Health Hazard Calculations

# EXECUTIVE SUMMARY

At the request of Leighton Consulting, Inc. (Leighton), Enviro-Tox Services, Inc. (Enviro-Tox) conducted a Preliminary Endangerment Assessment (PEA) for the Rosemead Holding, LLC industrial site located at 2200 North Rosemead Boulevard in South El Monte, California. The objectives of the PEA are to (1) evaluate potential risks to human health from site-related chemicals detected in soil at the site; and (2) develop Risk-Based Cleanup Levels (RBCLs) for anthropogenic (human-made) chemicals detected in soil at the site.

The site comprises approximately 5.1 acres of industrial land that was formerly developed with five structures, all of which have been demolished as of February 2022. The building slabs and pavement currently remain in place with limited areas of exposed soil and vegetation in the southern portion of the site. The easternmost portion of the site was previously occupied by a business that cleaned, refurbished and, in some cases, repainted 55-gallon drums and refurbished plastic tote containers for the food industry. The westernmost buildings at the site were previously used for automotive repair and tire services.

Site assessment activities undertaken in the past two years indicated the presence of chemicals of potential concern (COPCs) including some metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons, and volatile organic compounds (VOCs), in soil, groundwater, and/or soil gas at the site. The Los Angeles Regional Water Quality Control Board (LARWQCB) had issued a No Further Requirements (NFR) letter in March 1998 related to groundwater at the site. Additional soil and soil gas investigations were subsequently conducted in 2020 and 2021, to evaluate site conditions in advance of planned demolition and industrial redevelopment.

In April 2022, EEC Environmental installed a soil vapor extraction (SVE) system on the southern portion of the site with six dual-nested SVE wells and a SVE remediation system designed to remediate VOCs in soil gas. Because SVE has been implemented but is not yet complete, this PEA does not include or evaluate soil gas data as the available soil gas data may not be representative of current or future site conditions due to the ongoing remediation activities. Health risks associated with soil gas may be evaluated and analyzed in a future risk evaluation for the site.

Consistent with previous investigations that resulted in the NFR determination, environmental assessments indicated the presence of metals, petroleum hydrocarbons, and PCBs in shallow soil. The impacted soil was generally limited to the upper 1 to 5 feet below grade and to the eastern third of the site.

All chemicals detected at least once in soil were included in this PEA as chemicals of potential concern (COPCs). Assuming the site will continue to be used as an industrial facility, the only potential receptors at the site were assumed to be onsite workers. For the purposes of this assessment, the potential receptors evaluated are:

- *Onsite Nonintrusive Maintenance Workers*. It was assumed that onsite workers might come in contact with chemical-impacted surface soil and dust while at work. However, these workers were not assumed to conduct earth-moving activities and/or dig trenches. Hence these workers are referred to as nonintrusive workers. Onsite workers include:

    - *Full-time workers.* Full time workers including administrative and operations staff that work at an onsite commercial/industrial facility. These employees work 40-hour weeks and about 250 days per year.

    - *Part-time workers.* Part-time workers may include specialized maintenance and operations personnel. Part-time workers may be present at the site in response to sporadic labor and specialized personnel needs. These workers operate from temporary onsite offices and are not limited to 40-hour weeks. Employment duration for temporary workers is usually less than one year onsite.

    - *Visitors.* Visitors are likely to be at the site for no more than a few hours per week.

- *Onsite Construction Workers.* These workers are defined here as future construction workers and utility-line workers whom might be engaged in short-term intrusive activities. These workers might come in contact with chemical-impacted soil or dust while at the Subject Property.

In accordance with established risk assessment guidance, cancer risks were estimated by multiplying chemical-specific cancer slope factors by lifetime chemical intake estimates. Non-cancer health hazards were estimated by dividing average daily chemical intakes by chemical-specific reference doses. Together, cancer risk estimates and non-cancer health hazard estimates characterize health risks associated with potential exposures to the potential receptors evaluated in this PEA.

The estimated cancer risks and the total hazard indices that could result from worker exposures to onsite soil under current conditions are summarized in Table ES-1.

Table ES-1. Estimated Cancer Risks and Health Hazards for Onsite Receptors

| | Incremental Cancer Risk (unitless) | Hazard Index (unitless) |
|---|---|---|
| Onsite Nonintrusive Workers Exposed to Soil and Dust | 2E-05 | 0.6 |
| Onsite Construction Worker Exposed to Soil and Dust | 1E-05 | 2 |

The "risk driver" identified was hexavalent chromium (Cr VI) detected in soil sample LV-10-1. All other samples analyzed for Cr VI had either non-detected concentrations or their detected concentrations were below levels considered to pose a health risk.

Due to the unique toxicological properties of arsenic and lead, the California Department of Toxic Substances Control (DTSC) recommends the use of screening levels developed specifically for each metal. In addition, for sites that have been well characterized, the DTSC allows for the use of the 95 percent upper confidence limit concentration (95UCL) as the representative soil chemical concentration.

For arsenic, the DTSC recommends the use of local background soil arsenic concentrations as the screening level. The local background arsenic concentration at the site was estimated to be 10.63 milligrams per kilogram (mg/kg). Therefore, the screening level used in this PEA for arsenic is the local background concentration of 10.63 mg/kg. The 95UCL soil arsenic concentration at the site was estimated to be 4.88 mg/kg. This value is lower than the local background concentration of 10.63 mg/kg. Since the soil arsenic 95UCL is below the soil background concentration, arsenic detected at the site is considered to be within background levels and deemed to pose no health risk to onsite workers.

For lead, the DTSC recently published a commercial/industrial soil screening level of 500 mg/kg for lead. The DTSC considers average soil lead concentrations lower than 500 mg/kg to pose no health threat to onsite workers. The 95UCL soil lead concentration for the site was estimated to be 1,443 mg/kg. Therefore, lead in soil at the site is considered to pose a potential health hazard to exposed workers.

In anticipation of site redevelopment, RBCLs for the protection of onsite receptors were developed for all COPCs identified for the site. Estimated soil exposure risks and hazards can be mitigated (if not eliminated) from the site by implementing soil Risk Management controls. Some of the soil Risk Management controls that can be considered for the site are:

- Onsite soil management including the necessary Best Management Practices (BMPs) and institutional controls.
- Containment, fixation, capping, encapsulation or stabilization of Cr VI and lead in soil.
- The excavation and removal of Cr VI- and lead-impacted soils. If excavation were to be considered for Cr VI, the goal of soil remediation should be to excavate and remove soil sample LV-10-1. Confirmation samples collected at and around the excavated sample should be at or below the RBCLs developed in this PEA for Cr VI. For lead, soil excavation and removal should reduce the soil lead 95UCL to less than the DTSC's soil lead screening level of 500 mg/kg.

All conclusions and recommendations presented in this report are based on reported chemical concentrations in soil and the current land use of the site without considering the operation of the SVE system. In this PEA, all fate-and-transport models, parameters, toxicity data and assumptions were used in accordance with federal and state regulatory guidelines. These guidelines are meant to protect the public and tend to overestimate potential health risks. As

such, this PEA provides a conservative estimate of the upper boundary of potential health risks, rather than an accurate representation of true health risks posed by the site.

# 1.0 INTRODUCTION

At the request of Leighton Consulting, Inc. (Leighton), Enviro-Tox Services, Inc. (Enviro-Tox) conducted a Preliminary Endangerment Assessment (PEA) for the Rosemead Holding, LLC property located at 2200 Rosemead Boulevard in South El Monte, California (the site; Figure 1). The major objectives of the risk assessment are to (1) evaluate potential risks to human health from site-related chemicals detected in soil; and (2) develop Risk-Based Cleanup Levels (RBCLs) for anthropogenic (human-made) chemicals detected in soil at the site.

## 1.1 PROJECT BACKGROUND AND OBJECTIVES

Environmental investigations conducted at the site have detected metals, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs) and petroleum hydrocarbons in soil. The location and the lateral extent of impacted soil has been investigated. For the purposes of this risk assessment, all soil data collected at the site have been combined and evaluated as a single area of potential concern. This approach to evaluating potential health risks resulting from simultaneous exposures to all chemicals detected is considered to be health-protective and conservative because this approach assumes that:

1. Current and future receptors at the site would be exposed simultaneously to all man-made chemicals identified at the site;

2. Current and future receptors at the site would be exposed to chemicals at concentrations that are either the maximum detected concentration or concentrations that represent the upper bound concentrations of all detections at the site;

3. Future potential receptors at the site would have extensive contact with chemicals identified at the site through incidental ingestion of soil and dust inhalation; and,

4. Potential receptors would engage in behavior that results in higher-than-normal exposures to site-related chemicals, that is, exposures are assumed to occur under a "Reasonable Maximum Exposure" scenario.

These assumptions significantly overstate likely exposures, but by using this approach to the risk assessment, risk-based cleanup levels were purposefully derived to be conservatively protective of onsite receptors.

## 1.2 SCOPE

The scope of the PEA presented in this report is limited to evaluation of potential health risks and hazards associated with chemicals detected in soil within the site boundaries. Proposed soil

cleanup standards were developed with the overall aim of protecting human health and the environment.

Exposure pathways evaluated in this PEA include (1) incidental ingestion of soil, (2) dermal contact with soil and dust, and (3) inhalation of soil particles suspended in air. Potential health risks associated with exposures outside the site were not evaluated in this risk assessment because no potential offsite exposure pathway was found to be complete.

The human health risk assessment followed guidance developed by United States Environmental Protection Agency (USEPA) and the California Department of Toxic Substances Control (DTSC). Specific guidance included: *EPA Risk Assessment Guidance for Superfund: Volume 1 – Human Health Evaluation Manual Part B, Development of Risk-Based Preliminary Remediation* (USEPA, 1991a); *EPA Risk Assessment Guidance for Superfund: Volume 1 – Human Health Evaluation Manual Part C, Risk Evaluation of Remedial Alternatives* (USEPA, 1991b); *Preliminary Endangerment Assessment Guidance Manual* (DTSC, 2015); and DTSC Human Health Risk Assessment Notes No. 1 through 12 (https://dtsc.ca.gov/human-health-risk-hero/).

Site-specific data were used whenever possible. This approach is consistent with guidance issued by the USEPA and the DTSC stressing the use of site-specific data to evaluate potential health risks. Conservative assumptions (i.e., assumptions that generally overestimate risk) were used in this assessment when site-specific data were lacking or incomplete.

# 2.0 SITE CHARACTERIZATION

The proposed developed site is formally referenced by Rosemead Holding as Phase 1 and currently comprises approximately 5.1 acres (223,987 square feet) of industrial land. The balance of the site is concrete- and asphalt-paved, with limited areas of exposed soil and vegetation in the southern portion of the site. The easternmost portion of the site was previously occupied by Ditty Container, Inc. (Ditty), which had subleased the property from Pacific Coast Drum Company (PCD) since 1996 and has recently vacated the site. Both PCD and Ditty cleaned, refurbished, and, in some cases, repainted drums and refurbished plastic tote containers since the 1940s, primarily for the food industry. The former westernmost buildings at the site were previously used for automotive repair and tire services.

The proposed industrial development consists of one three-story building which on the ground floor includes approximately 112,405 square feet (sf) of warehouse space, 8,200 sf of retail space, and 1,950 sf of office space resulting in a total building footprint of 122,555 sf. The second floor and mezzanine of the building will have 14,445 of warehouse storage space and 8,875 sf of office space. The third floor of the building will have 9,705 sf of office space. The total square footage for the building is approximately 155,580 sf. The retail and office spaces are in the western portion of the building. Only surface parking is planned in the areas peripheral to the Phase 1 development building. The proposed improvements detailed in the Site Plan may be subject to some modifications in the future. The proposed development plan is shown on Figure 2.

## 2.1 ENVIRONMENTAL ASSESSMENT SUMMARY

Site assessment activities have indicated the presence of chemicals of potential concern (COPCs) including metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons, and volatile organic compounds (VOCs) in soil at the site. Since the mid 1980s, many investigations have been conducted onsite. The Los Angeles Regional Water Quality Control Board (LARWQCB) issued a No Further Requirements (NFR) in March 1998 with regard to soil cleanup. Additional soil investigations were subsequently conducted in 2020 and 2021, as part of a real estate transaction, to evaluate site conditions associated with potential demolition and redevelopment.

In 2021, Leighton conducted a review of previous site investigations and historical analytical test data to evaluate potential data gaps and further evaluate the extent of COPCs previously investigated by others at the site. Rosemead Holding LLC entered into a voluntary Site Cleanup Program agreement with the LARWQCB with the objective of determining what actions, if any, are required as part of redevelopment.

In June 2021, Leighton conducted soil sampling at the site to further characterize the lateral and vertical extent of COPCs such as metals, PCBs, and VOCs in soil at locations not investigated by

previous consultants. The investigation included 20 soil borings up to a maximum depth of 35 feet below ground surface (bgs). A comprehensive report detailing the site investigation history and the soil and soil gas data (Leighton, 2021) was submitted to the LARWQCB in October 2021.

Soil analytical data collected by Leighton and others at the site are summarized in Tables 1 through 4. Environmental assessments indicated the presence of metals (Table 1), PCBs (Table 2), petroleum hydrocarbons (Table 3), and VOCs (Table 4) in soil. The impacted soil was generally limited to the upper 1 to 5 feet bgs and to the eastern third of the site. Leighton reported that VOCs in soil gas are widely distributed over the site, and that the data do not indicate a likely source area for VOCs. The primary COPCs in soil gas are chlorinated VOCs, specifically tetrachloroethylene (PCE), trichloroethylene (TCE), cis 1,2-dichloroethylene (DCE), 1,1-dichloroethane (DCA) and vinyl chloride. In April 2022, a soil vapor extraction (SVE) system was installed by EEC Environmental (EEC) on the southern portion of the site. EEC installed six dual-nested SVE wells and a SVE remediation system designed to focus on the remediation of VOCs in soil gas at the site. EEC is providing the LARWQCB with quarterly Soil Vapor Extraction System Installation and Remedial Progress Reports. Because the SVE system is currently operating to reduce VOCs in soil gas, the soil gas analytical data may not be representative of current or future conditions and is therefore not analyzed further in this report.

## 2.2 GEOLOGY AND HYDROGEOLOGY

According to Leighton (2021), the near-surface native soils at the subject site are Holocene-age non-marine alluvium comprising varying proportions of sand, gravel, silt, and clay deposited by the streams. These deposits are anticipated to be on the order of several hundred feet in thickness, where they are subsequently underlain by thick (several thousands of feet) sequences of sedimentary rock formations.

Groundwater depth was measured at 45 feet bgs in October 2020 (EEC, 2020), and at approximately 46 to 48 feet bgs during Leighton's 2021 investigation.

# 3.0 SELECTION OF CHEMICALS OF POTENTIAL CONCERN

All chemicals detected at the site (Tables 1 through 4) were included in a formal selection of COPCs. Copies of Leighton's soil data tables for the site are included in Appendix A.

As described in current USEPA and DTSC risk assessment guidance, the purpose of selecting COPCs is to focus the assessment on those chemicals that could reasonably be expected to pose a significant health risk. COPCs were selected so that the most prevalent, and potentially toxic, compounds detected at the site (i.e., those chemicals that represent the greatest potential threat to human health) were quantitatively evaluated in the health risk evaluation.

## 3.1 ORGANIC COMPOUNDS

Organic compounds detected in soil at concentrations above laboratory reporting limits at least once were considered to be COPCs for the site. Chemicals detected in soil at the site are listed in Tables 1 through 4.

## 3.2 METALS

In a conventional risk assessment, metal elements detected in soil at concentrations deemed to be within natural, background concentrations are excluded from the risk evaluation (USEPA, 1989 and DTSC, 2015). For this evaluation, the background metal data set was obtained from soil metal data collected from California Air Force facilities (Hunter, Davis, and Roach, 2004). Maximum detected soil metal concentrations were compared to the 95$^{th}$ percentile concentration obtained from the Air Force facilities. The comparison to background concentrations is presented in Table 5. In addition, maximum detected soil metal concentrations were compared to soil screening levels. In an effort to be conservative, screening levels selected were taken from published soil screening levels deemed to be protective of residential receptors. Any metal detected in soil at concentrations higher than either the background concentration and the established screening levels for residential land use were retained in this PEA as COPCs. The only metals selected in soil as COPCs were antimony, arsenic, hexavalent chromium (Cr VI), cobalt, lead, and molybdenum. The selection of metal COPCs is presented in Table 5.

*Statistical Analysis of Soil Arsenic Data*

The purpose of the statistical analysis was to determine whether there are any distribution patterns in the soil arsenic data. The statistical methods used in the arsenic data evaluation were taken directly from DTSC's policy for selecting chemicals of potential concern at hazardous waste sites and permitted facilities (DTSC, 1997). The first objective of the statistical analysis is to determine if the soil arsenic data is likely to be drawn from the same population (i.e., all samples collected from a non-contaminated site). For this type of analysis, the DTSC

recommends to "construct a table showing […] the frequency of detection, range of detected values, range of sample quantitation limits, arithmetic means, standard deviations, and coefficients of variation. Typically, data drawn from just one population will display a range of detected values of no more than 2 orders of magnitude and a coefficient of variation of no greater than 1. When either of these conditions is not met, one must suspect that values representative of contamination have been included in the population" (DTSC, 1997, Section 7.3, page 4). The table recommended by the DTSC has been constructed for this analysis and is presented in Table 6.

As can be seen in Table 6, the conditions stipulated by the DTSC for one population data (i.e., detected values within 2 orders of magnitude and coefficients of variation of less than 1) are met by the soil arsenic data. Therefore, based on this analysis it can be concluded that soil arsenic data was probably drawn from one population. In other words, the results of this preliminary analysis seem to indicate that arsenic data detected in soil at the site are representative of regional, ambient conditions. The next step in the analysis of soil arsenic data was to determine whether there are any soil arsenic data that are outside the norm (possible outliers). The potential presence of outliers in the data was evaluated using a "Fourth Spread" analysis as recommended by the DTSC (2009). The Fourth Spread (Fs) of the soil arsenic data was obtained using the following formula:

$$Fs = (Q3 - Q1)$$

Where:

| | | |
|---|---|---|
| Fs | = | Fourth spread (milligrams per kilogram [mg/kg]) |
| Q3 | = | Third quartile (5.0 mg/kg) |
| Q1 | = | First quartile (1.25 mg/kg) |

The estimated Fs for the site is 3.75 mg/kg.

The upper bound of the site-specific arsenic concentration is defined as:

All data points greater than Q3 + [1.5 x Fs]

or

5.0 mg/kg + [1.5 x 3.75 mg/kg] = 10.63 mg/kg

According to these calculations, the upper bound of the site-specific soil arsenic concentration is 10.63 mg/kg.

## 3.3 TOTAL PETROLEUM HYDROCARBONS (TPH)

TPH is a mixture of hundreds of organic chemicals found in crude oil, natural gas, coal, coal tar, petroleum products, and other similar materials. It is not possible to determine the chemical, physical, and toxicological properties of TPH because its composition varies widely depending on its source, composition, and the industrial processes it has undergone. In addition, petroleum hydrocarbons in the environment (soil, water, and air) vary widely from one site to another because they are subjected to modifications by chemical, physical, and biological processes naturally present in the environment. Because of these considerations, it is not practicable to evaluate every compound present in petroleum products in a risk assessment. For these reasons, risk assessments of petroleum hydrocarbons are conducted by assessing the potential impacts from a select group of "indicator" chemicals. The indicator chemicals usually selected are those chemicals known to be present in most petroleum hydrocarbons and known to be the most toxic, persistent, and mobile in the environment. The chemicals known to be the most toxic and persistent components of TPH are the aromatic compounds.

The indicator chemicals usually selected are aromatic hydrocarbons and aliphatic fractions. Since aromatic hydrocarbons were detected in soil at the site (Table 3), the potential health risks and hazards posed by aromatic hydrocarbons are evaluated by assessing the risks posed by the individual VOCs detected. However, in an effort to be conservative it was assumed detected TPH is made up of 50-percent aromatics and 50-percent aliphatics.

# 4.0 EXPOSURE ASSESSMENT

California health and environmental protection agencies require the remediation of chemical spills and leaks if the release represents a threat to human health and the environment. Similarly, cleanup of an accidental release has to be conducted to the extent that the threat posed by the release is reduced to acceptable levels. The purpose of this PEA was to determine if the presence of anthropogenic chemicals in soil at the Site represents a threat to current and future site occupants.

## 4.1 CONCEPTUAL SITE MODEL

The potential for human exposure to chemicals residing in soil at the site is influenced by at least four factors:

- The types of chemicals present at the site;
- Chemical and physical interaction between the chemicals and the environment that act to move and transform the chemicals;
- Location and activities of onsite receptors that may place them in contact with either onsite or migrated chemicals; and
- Specific behaviors of these receptors that allow uptake of the chemical(s), either currently or in the future.

The Conceptual Site Model (CSM) developed for the site evaluates those exposure pathways that link the chemical sources and types of releases with human receptors.

An exposure pathway is considered complete if all of the following components are present:

- A chemical source;
- A release and transport (i.e., chemical migration) mechanism;
- A receptor (i.e., a potentially exposed person);
- An exposure point at a receptor location (i.e., chemicals are present where receptors are located); and
- An exposure route through which a receptor may be exposed (i.e., a chemical uptake route such as ingestion, inhalation, or dermal contact).

Each of these components and their interactions that may result in complete, incomplete or insignificant exposure pathways are discussed below. All exposure pathways considered in the evaluation are presented in Figure 3. In order to construct a realistic CSM, it is assumed that the

Site will be occupied by some form of industrial or commercial facility into the foreseeable future.

### *4.1.1 Identification of Potential Receptors*

As stated earlier, the site is located within an industrialized area of South El Monte, California. Therefore, the most likely future receptors at the site are commercial/industrial workers. The identification of potentially exposed populations is based on the location of the potential receptors. For this CSM, two distinct receptor locations are considered: onsite and off-site receptors. However, only the onsite receptors were quantitatively evaluated in this PEA, as off-site receptor exposures are likely to be much lower than those estimated for onsite receptors. In addition, protective measures and cleanup levels estimated to be protective of onsite receptors will also be protective of off-site receptors.

Onsite receptors include:

- *Full-time workers.* Full-time workers may include administrative and operations staff that work at a commercial/industrial facility at the site. These employees work 40-hour weeks and about 250 days per year.
- *Part-time workers.* Part-time workers may include specialized maintenance and operations personnel. Part-time workers may be present at the site in response to sporadic labor and specialized personnel needs. These workers are assumed to operate from temporary onsite offices and are not limited to 40-hour weeks. Employment duration for temporary workers is usually less than one year onsite.
- *Visitors.* Visitors are likely to be at the site for no more than a few hours a week.

For the purposes of this assessment, the potential receptors evaluated are:

- *Onsite Nonintrusive Maintenance Workers*. It is assumed some of the workers at the site would work almost exclusively outdoors. These workers may come in contact with chemical-impacted surface soil and dust while at work (Figure 3). However, these workers are not assumed to conduct earth-moving activities and/or dig trenches. Hence these workers are referred to as nonintrusive workers.
- *Onsite Construction Workers.* These workers are defined here as future construction workers and/or utility-line workers who might be engaged in short-term intrusive activities. These workers might come in contact with chemical-impacted soil while at the Subject Property (Figure 3).

As stated above, part-time workers and visitors could also be exposed to site-related chemicals while at the site. However, exposures for these two types of sporadic receptors are likely to be much lower than those potentially experienced by full-time workers. Therefore, only the onsite,

full-time worker exposure scenario was evaluated in this PEA. In addition, protective measures and cleanup levels estimated to be protective of full-time workers will also be protective of future part-time workers and visitors.

### *4.1.2 Identification of Exposure Media and Pathways*

As stated previously, onsite receptors might be exposed to impacted soil and dust. Soil represents a source and transport medium for site-related chemicals. Potential release mechanisms for contaminants in surface and shallow-subsurface soil include tracking, excavation, fugitive dust generation, volatilization, and uptake from contact. Human receptors may be indirectly exposed to contaminants from soil via inhalation of dust and may be directly exposed to contaminants in surface or shallow subsurface soils via incidental ingestion and dermal contact (Figure 3). Receptor-specific pathways for exposure to COPCs in soil that are considered in this PEA include current and/or future nonintrusive (maintenance) workers and construction workers may be exposed to COPCs in soil via incidental ingestion and dermal contact with soil, inhalation of fugitive dusts from surface soils (containing semivolatile chemicals), and potential volatilization of VOCs to ambient air from soil that could be brought up to the surface as a result of construction activities (Figure 3).

It should be noted that soil gas pathways are not evaluated in this PEA because, as a result of ongoing SVE remediation, the existing soil gas data may not be reflective of current or future site conditions. However, in general, VOCs may migrate into soil pore-space and then escape into indoor and outdoor air (Figure 3). The indoor air exposure pathway is not considered to be complete for construction and outdoor nonintrusive workers (Figure 3).

Although offsite receptors may also be exposed to site-related chemicals, their exposure should be substantially less than that estimated for onsite workers because of wind dispersion and dilution. Therefore, only exposure to onsite workers were quantitatively evaluated in this assessment (Figure 3).

## 4.2 EXPOSURE POINT CONCENTRATIONS

For direct contact exposures, such as soil ingestion and dermal absorption, Exposure Point Concentrations (EPCs) relate directly to measured chemical concentrations. The DTSC (2015 and 2019b) recommends the use of the use of the 95-percent upper confidence limit concentration (95UCL) as the representative soil EPC. For this evaluation, either the 95UCL or the maximum detected chemical concentrations were used as the EPCs for soil exposures. For inhalation exposures, EPCs were estimated by modeling contaminant concentrations in dust, vapors or fumes that may reach the breathing zone of a receptor.

The 95UCL for chemicals detected in soil was conducted using the ProUCL (Version 5.1) software (Singh, A. and Maichele, R., 2015), which is recommended by the USEPA. Only soil

quality data collected in the upper 10 feet of soil were included in the evaluation. Statistical parameters obtained for metals, PCBs, and TPH are presented in Tables 6, 7 and 8, respectively.

The USEPA (2002) recommends that the one-sided 95 percent upper confidence limit of the arithmetic mean (95UCL) be used as an upper bound chemical concentration that can be expected at a site. The 95UCL provides reasonable confidence that the true site average will not be underestimated. According to the USEPA (2002), risk assessment exposure concentrations should use the 95UCL for each COPC unless the 95UCL exceeds the maximum detected concentration for a particular chemical. Where the 95UCL exceeds the maximum detected concentration, the maximum detected concentration is used as the upper limit exposure concentration. The 95UCL can exceed the maximum detected concentration for several reasons, including small sample sizes and large sample variances. Following USEPA guidance, the lower value of the maximum concentration or the 95UCL was used in the risk calculations (USEPA, 2002). Copies of the ProUCL printouts are included in Appendix B.

Given the low frequency of detection for Cr VI (Table 1), Aroclor-1262 and Aroclor-1268 (Table 2) and VOCs (Table 4) a statistical analysis of soil data was not conducted for these chemicals, and the maximum detected concentration was used as the EPC.

### *4.2.1 Fate and Transport Modeling*

Vapor and particulate dust inhalation EPCs were modeled as follows:

*Particulate Emission Modeling* – Exposure to non-volatile chemicals may occur via inhalation of fugitive dust. Inhalation exposure to non-volatile compounds in fugitive dust is typically minor when compared to direct ingestion exposure (USEPA, 2002). Nevertheless, a relationship must be estimated between the chemical concentration in soil and the concentration in air (secondary media) due to fugitive dust emissions from soil. The USEPA (2002) and DTSC (2015) recommend using a particulate emission factor (PEF) to model chemical concentrations in airborne dust. The PEF is used in this risk evaluation to estimate inhalation exposures to fugitive dust at the site.

The PEF represents an annual average emission rate based on wind erosion. For this PEA, a PEF value of 1.36E+09 cubic meters per kilogram ($m^3/kg$) was used as the PEF for non-intrusive workers and a PEF of 1.0E+06 $m^3/kg$ was used to model dust exposure for construction workers (DTSC, 2019b). The ambient chemical air concentration due to dust emissions was obtained by dividing the soil chemical concentrations by the PEF. The estimated ambient air EPCs were used to estimate dust inhalation exposures.

*Vapor Emission Modeling* – Emissions of VOCs from soil to ambient outdoor air were modeled using a Volatilization Emission Factor (VEF) as described in USEPA's Supplemental Guidance

for Developing Soil Screening Levels for Superfund sites (USEPA, 2002). The VEF equation applicable to industrial/commercial sites is:

$$VEF = Q/C_{vol} * [(3.14 * D_A * T)^{1/2} * 10^{-4}]/(2 * P_b * D_A)$$

Where:

| | | |
|---|---|---|
| VEF | = | Volatilization emission factor ($m^3$/kg) |
| $Q/C_{vol}$ | = | Inverse of the ratio of the geometric mean air concentration to the volatilization flux at center of a square source (grams per square meter per second per kilogram per cubic meter [$g/m^2$-sec per $kg/m^3$]) |
| T | = | exposure interval (seconds [sec]) |
| $P_b$ | = | dry soil bulk density (grams per cubic centimeter [$g/cm^3$]) |
| $D_A$ | = | apparent diffusivity (square centimeters per second [$cm^2$/sec]) |

The above VEF equation employs an apparent diffusivity factor ($D_A$), which defines the tendency of a chemical to diffuse into soil gas as a function of the physical properties of the chemical and surrounding soil. To facilitate calculation of $D_A$ values, site-specific parameters were used. The dispersion factor term ($Q/C_{vol}$), which accounts for dispersion of the volatilized soil VOC into ambient air, can be modeled for sites ranging in size from 0.5 to 500 acres, and can be tailored to predominant meteorological conditions associated with particular cities within the United States. The estimated $Q/C_{vol}$ value of 68.81 $g/m^2$-sec per $kg/m^3$ associated with a 5-acre site located in Los Angeles, California was used. Vapor emission calculations were based on exposure durations of 25 years for non-intrusive workers. Substituting the above values and site-specific $D_A$ values into the above equation yielded individual VEFs for each soil VOC as shown in Table 9. These VEF values were used to model soil VOC emissions for onsite nonintrusive and construction workers.

## 4.3 DOSE ESTIMATION

Two types of chronic, chemical intake doses were calculated. Chemical intakes associated with non-carcinogenic adverse health effects were estimated by calculating the average daily intake (ADI). Non-carcinogenic exposures are expected to last as long as the receptor has contact with the site, which is typically less than a lifetime. In contrast, chemical intakes associated with carcinogenic health effects are averaged of a lifetime of 70 years, even though actual site exposures are also typically less than a lifetime. Thus, carcinogenic chemical intakes were estimated by calculating the lifetime average daily intake (LADI). The equation used to calculate ADI and/or LADI values for each exposure pathway and COPC is shown below:

$$(L)ADI = EPC \cdot \frac{RIF \cdot EF \cdot ED}{BW \cdot AT}$$

Where:

| | | |
|---|---|---|
| (L)ADI | = | (Lifetime) Average daily intake (mg/kg-day) |
| EPC | = | Exposure point concentration (units vary by media) |
| RIF | = | Route-specific intake factor (milligrams per day [mg/day]) |
| EF | = | Exposure frequency (days/year) |
| ED | = | Exposure duration (years) |
| BW | = | Body weight (kilograms [kg]) |
| AT | = | Averaging time (days) |

For ingestion, the RIF equals the soil ingestion rate. For dermal contact, RIF = SA*AF*ABS where SA = skin surface area, AF = soil to skin adherence factor and ABS = dermal absorption factor (chemical specific). For outdoor particulate and vapor inhalation, the RIF is the air inhalation rate (IR-A). These exposure parameters used to calculate the ADI and LADI for workers and construction workers under standard RME scenarios are listed in Table 10.

Health risks associated with environmental exposures are directly related to the duration of exposure. Provided the chemical concentrations in environmental media remain constant, the populations facing longer exposures will receive the highest dose and hence would face the highest estimated health risk. Therefore, it is customary to assess health risks based on the populations expected to receive a higher dose. If the health risks estimated for the "high dose populations" are found to be within acceptable levels, then other populations having lower intensity of exposure do not have to be evaluated as their exposures and health risks can be concluded to fall within acceptable levels.

# 5.0 TOXICITY VALUES

The term "toxicity values" refers to either "slope factors" that have been experimentally determined for carcinogens, or to "reference doses" that have been experimentally determined for chemicals that have other (or additional), non-carcinogenic adverse health effects. The slope factor (SF) is the result of application of a low-dose extrapolation procedure and is presented in units of "$[(mg/kg)/day]^{-1}$." The SF is used to estimate an upper-bound probability of an individual developing cancer as a result of a 30-year exposure to a carcinogen averaged over a lifetime. The higher the SF value, the greater is the probability that a particular chemical will cause cancer. For risk assessment purposes, any exposure to a carcinogen, regardless of the dose, is viewed as having the potential to cause cancer.

A reference dose (RfD) is an estimate (with uncertainty spanning perhaps an order of magnitude or greater) of a daily exposure level for the human population, including sensitive subpopulations, that is likely to be without an appreciable risk of causing deleterious effects during a lifetime. Hence, non-carcinogenic adverse health effects are dose-dependent. Regulators derive an RfD value for a chemical by dividing an experimentally determined "no observable adverse effect level" (NOAEL) by uncertainty factors (UFs) and modifying factors (MFs) that together may range from 3 to 1,000. Uncertainty factors and MFs are values that have been incorporated into the RfD to account for uncertainties in such variables as extrapolation of data from animals to humans, using dose-response information from short-term studies to predict chronic effects, and using dose-response data derived from healthy animal or human populations and extrapolating it to sensitive subpopulations, such as children and people in frail health. Hence, the UFs and MFs provide a margin of safety so that resulting RfD values are considered to be protective of all human health, including sensitive persons.

Both SFs and RfDs are dependent on the route of exposure. Therefore, SFs for a particular carcinogen may be different for oral (SForal), dermal (SFdermal) and inhalation (SFinh or Unit Risk Factor [URF]) exposure routes. The URF is defined as the probability of developing cancer from inhalation when exposed to 1 $ug/m^3$ of a chemical over a lifetime. Chronic Reference Exposure Levels (RELs) provided by the Office of Environmental Health Hazard Assessment (OEHHA) on their website are equivalent to RfCinh values (OEHHA, 2019). Similarly to SFs and URFs, RfDs may be different for oral (RfDoral), dermal (RfDdermal) and inhalation (RfCinh) exposure routes, where RfCinh refers to reference concentration in milligrams chemical/cubic meters air ($mg/m^3$). The purpose of the discussion below is to document the use of appropriate SFs and RfDs for the COPCs identified at the site.

## 5.1 SLOPE FACTORS

Potentially carcinogenic COPCs identified at the site are those for which a SF is listed in Table 11. Preliminary Endangerment Assessment (PEA) guidelines were followed in choosing appropriate slope factors for these compounds. That is, preference was given first to those SFs listed by OEHHA on their Toxicity Criteria Database (OEHHA, 2021), then to the USEPA as listed on their Integrated Risk Information System (IRIS) database (USEPA, 2019). Finally, if toxicity values were unavailable from either of these sources, then values listed through the harmonized efforts of USEPA Regions III, VI and IX in their Regional Screening Levels (RSL) Table were used (USEPA, 2021).

Confidence in SF values is expressed either by the USEPA or by the International Agency for Research on Cancer (IARC) as a "weight of evidence classification." According to the USEPA classification system, Class A carcinogens are those which are supported by human data. Class B1 or B2 carcinogens are regarded as probable carcinogens, where B1 indicates that limited human data are available and B2 indicates that sufficient evidence exists in animals, but there is inadequate or no data in humans. Class C indicates that the chemical is a possible human carcinogen. Class D indicates that the compound is not classifiable as a human carcinogen. Class E indicates that evidence exists supporting the idea that the chemical is not carcinogenic in humans.

In this assessment, chronic toxicity criteria were selected in accordance with the DTSC Regulation "Toxicity Criteria for Human Health Risk Assessment" (effective September 2018) (https://dtsc.ca.gov/LawsRegsPolicies/Regs/Toxicity-Criteria-for-Human-Health-Risk-Assessment.cfm). Toxicity information was obtained from the DTSC Human and Ecological Risk Office (HERO) HHRA Note 10, Toxicity Criteria (DTSC, 2019a). Cancer slope factors and unit risk factors used for the COPCs detected at the site are summarized in Table 11.

## 5.2 REFERENCE DOSES

Reference doses (RfDs) for COPCs identified at the Site are also listed in Table 11. DTSC guidelines were followed in choosing appropriate reference doses (DTSC, 2019a); i.e., preference was given first to those Reference Exposure Levels (RELs) listed on OEHHA's Toxicity Criteria Database (OEHHA lists only inhalation) (OEHHA, 2021), then to RfCs and RfDs listed on USEPA's IRIS web site (USEPA, 2019), and finally to RfDs listed on USEPA Region IX's RSL table (USEPA, 2021). OEHHA RELs or $RfC_{inh}$ values were used to calculate $RfD_{inh}$ values when the latter were unavailable (DTSC, 2019a). RfD and RfC for COPCs detected at the site are summarized in Table 11.

# 6.0 RISK CHARACTERIZATION

The Risk Characterization section provides a quantitative estimation of the health risks associated with chemical exposure. The risk characterization used the toxicity information from Section 5.0; the exposure factors estimated in Section 4.0; and the estimated chemical EPCs from Sections 2.0 and 3.0 to evaluate both non-carcinogenic and carcinogenic health effects. Non-carcinogenic health effects were characterized with respect to established regulatory criteria and carcinogenic health risks were characterized with respect to acceptable cancer risks.

Health risk and hazard estimates presented in this section have been developed for nonintrusive workers and construction workers. For all exposure scenarios evaluated, health risk and hazards were estimated assuming that shallow soils would be excavated and exposed to the surface. Under these conditions, it was assumed that nonintrusive workers and construction workers will have direct contact with soil and dust through the ingestion, dermal contact and inhalation pathways.

## 6.1 NON-CARCINOGENIC RISK CHARACTERIZATION

USEPA's policy regarding non-carcinogenic chemicals differs from its policy for carcinogens (USEPA, 1989). With respect to non-carcinogens, it has been postulated that for systemic toxicity effects to occur, physiological, homeostatic, compensating, and adaptive mechanisms existing in humans must first be rendered inactive prior to any manifestation of a particular toxic response. USEPA's theory for non-carcinogens is that the toxic response has a "threshold" concentration above which toxic effects may occur. USEPA has established RfDs for several of the non-carcinogenic COPCs, which represent the dose of the chemical not expected to result in adverse health effects, even over a lifetime of exposure.

The likelihood of manifesting non-carcinogenic effects is not expressed as a probability as is the likelihood for carcinogenic risk. USEPA recommends evaluation of non-carcinogenic potential using a calculation of hazard quotients (HQ) and hazard indices (HI). The HQ is a pathway-specific (e.g., dermal, inhalation) ratio of the average daily intake (ADI) for each chemical compared to the agency-established, chemical-specific chemical reference dose (RfD). Reference doses are chemical doses considered to be "safe" for lifetime exposures by regulatory agencies. The HI is the sum of all the HQs for an individual pathway and from all pathways of exposure and is used to assess total non-carcinogenic risks. If either an HQ or the HI exceeds a value of 1.0, there "may be a concern for potential non-carcinogenic effects" (USEPA, 1989). Any HQ or HI less than 1.0 indicates that there is a low probability of adverse health effects occurring for the evaluated exposure scenarios.

The evaluation of non-carcinogenic health hazards began with a calculation of the hazard quotient or HQ for each chemical. The HQ can be expressed according to the following equation:

$$HQ = \frac{ADI}{RfD}$$

Where:

$$ADI = EPC \bullet Pathway\ Specific\ EFn$$

And:

| | | |
|---|---|---|
| HQ | = | Hazard quotient (unitless) |
| ADI | = | Average daily intake (mg/kg/day) |
| RfD | = | Reference dose (mg/kg/day) |
| EPC | = | Exposure point concentration ($mg/m^3$ for air, mg/kg for soil) |
| EFn | = | Exposure factor for non-carcinogens, $m^3$/kg-day for inhalation and kg/kg-day for oral and dermal. |

The HQs for each chemical and all exposure pathways were summed to estimate the hazard index (HI) for each receptor as follows:

$$HI = \sum_{n}^{1} HQ_i$$

Where:

| | | |
|---|---|---|
| HI | = | Hazard index, unitless |
| HQi | = | as defined above, unitless |

The HIs and HQs estimated for onsite nonintrusive and construction workers exposed to chemical-affected dust and soil through the ingestion, dermal and inhalation pathway are presented in Table 12. Supporting calculations for each exposure pathway are presented in Appendix C. The estimated HQs for each receptor are summarized below:

*Onsite Nonintrusive Maintenance Workers*

- 0.6 for nonintrusive workers exposed to soil, dust and outdoor volatiles through the ingestion, dermal and inhalation pathways (Table 12).

*Onsite Construction Worker*

- 2 for construction workers exposed to soil, dust and outdoor volatiles through the

ingestion, dermal and inhalation pathways (Table 12).

According to the USEPA (1989), if the HI is less than 1, there is no concern for potential chronic adverse health effects from the chemical exposures. In cases where the total HI exceeds 1, DTSC (2015) guidance recommends evaluating "risk drivers" by the target organ of toxicity. If the HI estimated for each target organ of toxicity is less than 1, then it can be concluded that there is no concern for chronic exposures. The HI estimated in this PEA for construction workers slightly exceeds the acceptable value of 1. The HI "risk drivers" identified for the site are antimony, cobalt, Cr VI and TPH in soil (Table 12). The target organ of toxicity for the "risk drivers" are:

- Gastrointestinal damage for antimony.
- Thyroid damage for cobalt.
- Liver and kidney damage Cr VI.
- Heart and central nervous system damage for TPH.

Since none of the HI "risk drivers" identified have a common target organ of toxicity, it can be concluded that exposure to the COPCs detected in soil at the site do not pose a health hazard to future onsite workers.

Due to the unique toxicological properties of arsenic and lead, the DTSC (2020) recommends the use of screening levels developed specifically for each metal. For arsenic, the DTSC (2009) recommends the use of local background soil arsenic concentrations as the screening level. The local background arsenic concentration at the site was estimated to be 10.63 mg/kg (discussed in Section 3.2). Therefore, the screening level used in this PEA for arsenic is the local background concentration of 10.63 mg/kg. The 95UCL soil arsenic concentration at the site was estimated to be 4.88 mg/kg (Table 6). This value is lower than the local background concentration of 10.63 mg/kg. Since the soil arsenic 95UCL is below the soil background concentration, arsenic detected at the site is considered to be within background levels and deemed to pose no health risk to onsite workers.

For lead, the DTSC recently published a soil screening level (DTSC-SL). The commercial/industrial DTSC-SL for lead is 500 mg/kg (DTSC 2022). The DTSC considers average soil lead concentrations lower than 500 mg/kg to pose no health threat to onsite workers. The 95UCL soil lead concentration for the site was estimated to be 1,443 mg/kg (Table 6). Therefore, lead in soil at the site is considered to pose a potential health hazard to exposed workers.

## 6.2 INCREMENTAL CANCER RISKS

Cancer risks are expressed as the upper-bound, increased likelihood of an individual developing cancer as a result of exposure to a particular chemical. For example, a cancer risk of 1E-04 refers to an upper-bound increased chance of one in ten thousand of developing cancer over a lifetime (0.01 percent risk). The potential increase in cancer risk from exposure to the chemicals detected in soil at the site is in addition to a background risk of Americans developing cancer. The background risk is one chance in three (0.3 or 3E-01) for every American female, and one chance in two (0.5 or 5E-01) for every American male, of eventually developing cancer (ACS, 1997). The chemical-specific exposure estimates (i.e., the lifetime average daily dose or LADD) are multiplied by the chemical- and route-specific slope factor to arrive at a unitless probability (e.g., 1E-05) of an individual developing cancer.

Incremental lifetime human health risks associated with exposure to carcinogenic COPCs was calculated in accordance with DTSC (2015) and USEPA (1989) guidelines. The following equation was used to calculate incremental lifetime carcinogenic risks from exposure to carcinogenic COPCs as shown below (USEPA, 1989):

$$Risk = (LADI) \bullet SF$$

Where:

$$LADI = Co \bullet Pathway\ Specific\ EFc$$

And:

| | | |
|---|---|---|
| Risk | = | Upper bound incremental lifetime carcinogenic risk (unitless) |
| LADI | = | Lifetime averaged daily intake (milligrams per kilogram per day [mg/kg/day]) |
| Co | = | Exposure point concentration, (milligrams per cubic meter [$mg/m^3$]) in air, (mg/kg) in soil |
| EFc | = | Intake factor for carcinogens ($m^3$/kg-day) for inhalation and (kg/kg-day) for oral and dermal. |
| SF | = | Cancer slope factor $(mg/kg/day)^{-1}$ |

The incremental cancer risks estimated for nonintrusive and construction workers exposed to chemical-impacted soil and dust through the ingestion, dermal and inhalation pathway are presented in Table 12. Supporting calculations for each exposure pathway are presented in Appendix C. The estimated incremental cancer risks for the exposure scenarios evaluated were:

*Onsite Nonintrusive Workers*

- 2E-05 for nonintrusive workers exposed to soil, dust and outdoor volatiles through the

ingestion, dermal and inhalation pathways (Table 12).

*Onsite Construction Worker*

- 1E-05 for construction workers exposed to soil, dust and outdoor volatiles through the ingestion, dermal and inhalation pathways (Table 12).

The calculated excess carcinogenic risks were compared to the "acceptable" risk value of 1.0E-05 (ten excess cancer cases in a population of 1,000,000 exposed individuals). Incremental cancer risks estimated in this PEA for nonintrusive workers exposed to soil and dust slightly exceed the acceptable risk value of 1E-05.

The “risk driver” identified in soil was Cr VI. Although present in a very small number of samples and not widely dispersed throughout the site (see Table 1), this metal detected in soil contributed up to 97% and 67% of the estimated cancer risk for construction workers and nonintrusive workers, respectively.

# 7.0 RISK-BASED CLEANUP LEVEL DEVELOPMENT

Results of the risk evaluation presented above indicate that, in the absence of soil remediation, Cr VI and lead in soil may be present at concentrations that could pose a health hazard and/or a cancer risk to onsite workers.

In anticipation of site redevelopment, RBCLs for the protection of human health were developed for the site. RBCLs are soil concentrations that are believed to be protective of human health and the environment. RBCLs developed for the site express a COPC concentration and an exposure route, rather than a concentration alone, because protectiveness may be achieved by reducing exposure by means other than COPC mitigation (such as capping an area, limiting access, stabilization or other engineering controls).

Site-specific RBCLs for soil were calculated considering human health exposure pathways, and background concentrations using a methodology and approach recommended by the DTSC (2015 and 2020). The RBCLs were developed assuming that impacted soils are accessible to maintenance and construction workers. In reality, the majority of the site will be paved or covered by buildings and exposure would be very limited. For these covered areas, soils exceeding RBCLs can remain in place provided administrative controls (such as a land use covenant and soil management plan) are used to minimize or prevent worker exposure to chemical-impacted soils. Some of the soil risk management controls that can be considered for the site are:

- Onsite soil management including the necessary Best Management Practices (BMPs) and institutional controls.
- Containment, fixation, capping, encapsulation or stabilization of Cr VI and lead in soil.
- The excavation and removal of Cr VI- and lead-impacted soils. If excavation were to be considered for Cr VI, the goal of soil remediation should be to excavate and remove soil sample LV-10-1 (see Table 1) as only this sample contained Cr VI at concentrations deemed to pose a cancer risk. Confirmation soil samples collected at and around the excavated soil sample should be at or below the RBCLs developed in this chemical (55.36 mg/kg; Table 13). For lead, soil excavation and removal should reduce the soil lead 95UCL to less than the DTSC's soil lead screening level of 500 mg/kg.

Enviro-Tox conducted a virtual soil remediation by removing from the statistical analysis all samples containing lead in soil at concentrations higher than 2,000 mg/kg. The estimated soil lead 95UCL at the completion of the virtual remediation was 150 mg/kg (Appendix B). Based

on the results of the virtual remediation, Enviro-Tox model resulted in the removal of only soils containing lead at concentrations higher than 2,000 mg/kg. Enviro-Tox also recommends confirmation soil samples be taken at the completion of excavation activities and that the soil lead 95UCL be calculated. Excavation activities for the remediation of lead-impacted soils should be considered complete once the overall soil lead concentration 95UCL is below 500 mg/kg.

## 7.1 DEVELOPMENT OF RISK-BASED CLEANUP LEVELS

RBCLs for the site were developed using applicable USEPA (1991a and b) and DTSC (2015) methodology and development criteria. This section describes in detail the development of RBCLs for the site.

The equations used to estimate RBCLs for soil involve the reverse of the calculation procedure used for the health risk assessment presented in previous sections of this report. Given a target risk limit at the exposure points, the maximum allowable concentration at the source zone is back-calculated based on the applicable exposure factors and toxicity parameters.

RBCL for carcinogenic chemicals were calculated by setting the target risk for occupational receptors at a DTSC-acceptable level of 10 in 1 million cancer risk (1E-05) and then solving for the concentration variable using the previously estimated incremental cancer risk associated with a soil exposure point concentration. The following equation defines the relationship between RBCLs, exposure point concentrations and cancer risk:

$$RBCL = EPC \times \frac{TR}{Chemical - Specific\ \&\ Site - Specifc\ CR}$$

Where:

| | | |
|---|---|---|
| RBCL | = | Risk-based cleanup levels (mg/kg for soil) |
| EPC | = | Chemical exposure point concentration used in the risk calculation (mg/kg) |
| TR | = | Target risk limit for carcinogenic effects (1E-05; unitless) |
| CR | = | Incremental cancer risk estimated to be associated with the site- and chemical-specific exposure point concentration (unitless) |

RBCLs for non-carcinogens are set by choosing an acceptable hazard index for the site and then solving for a chemical concentration in the environmental media that meets the chosen hazard index. The equation that defines the relationship between soil exposure point concentrations, hazard index and RBCLs is:

$$RBCL = EPC \times \frac{THI}{Chemical-Specific\ \&\ Site-Specific\ HI}$$

Where:

THI = Target hazard index for non-carcinogenic effects (1.0; unitless)
HI = Hazard index estimated to result from multipathway exposures at site-and chemical-specific exposure point concentrations (unitless).
All others as previously defined.

The target hazard index (THI) chosen was 1.0 in accordance with DTSC (2015) regulatory guidance.

Calculations of soil RBCLs for protection against cancer and non-cancer effects through the inhalation, incidental ingestion, dermal contact with soil and inhalation of outdoor air are presented in Table 13.

The final step in the derivation of RBCL is the selection of cleanup levels for protection against non-carcinogenic and carcinogenic effects. For chemicals having target cleanup levels for protection against carcinogenic and non-carcinogenic effects, the lower of the two values was selected as the RBCLs (Table 13). For all other chemicals not known to be carcinogenic, the RBCLs adopted were the cleanup levels estimated to protect from non-carcinogenic effects (Table 13).

# 8.0 UNCERTAINTY ANALYSIS

The frequency and duration of soil and dust contact activities are a significant factor affecting the potential for adverse human health impacts from the site. In addition, the chemical distribution in site soils can significantly affect the interpretation of risk results based on the exposure point concentrations used in the analysis. These factors are discussed in more detail below.

This PEA is based on the application of conservative methods and assumptions in all phases of the assessment. Because exposure point concentrations were derived from fate and transport modeling, conservative assumptions and methodology were necessarily employed to eliminate the possibility of underestimating risks. This practice, although commonly used in the risk assessment process, necessarily introduces a significant level of conservatism in the conclusions derived from the assessment. Examples of some of the conservatism in this assessment include:

- The assumption that future receptors at the site would be exposed to chemicals in soil and dust 100 percent of the time. In reality, future receptors are not likely to be onsite for more than 8 hours per day, for no more than 10 years.
- The assumption that future onsite commercial/industrial workers have contact with soil. However, it is known that the entire surface area of the site will be occupied by a new warehouse and office buildings, asphalt and concrete paving or landscaped areas. Thus, onsite workers are not likely to come in contact with soil while at the site.
- Carcinogenic risks for all pathways for onsite commercial/industrial workers were based on an exposure of 250 days per year for 25 years. A more realistic exposure scenario for a typical worker would be to assume an exposure frequency of 250 days per year for a duration of no more than 7 years.
- It was also assumed that COPC concentrations would remain constant over time. It is more likely that, due to natural degradation processes, COPC concentrations would decrease over time. Thus, estimated COPC intake would decrease over time, which would result in lower risk estimates than presented in the PEA.
- Toxicity values used in risk assessments present overestimates of the potential toxicity of chemicals to humans. Assumptions used to develop toxicity values include the addition of safety factors to account for uncertainties associated with extrapolating high doses to low doses and uncertainties associated with the use of laboratory animal studies to assess potential toxicity to human receptors.

All conclusions and recommendations presented in this report are based on reported chemical concentrations in soil and the current land use of the site without considering the operation of the SVE system. In this risk assessment, all fate-and-transport models, parameters, toxicity data and

assumptions were used in accordance with federal and state regulatory guidelines. These guidelines are meant to protect the public and tend to overestimate potential health risks. As such, this risk assessment provides a conservative estimate of the upper boundary of potential health risks, rather than an accurate representation of true health risks posed by the site.

# 9.0 REFERENCES

American Cancer Society (ACS). 1997. Percentage of Population (Probability) Developing Invasive Cancers at Certain Ages by Sex, US, 1991-1993. Table in: ACS's Cancer Facts & Figures – 1997. American Cancer Society, Inc., 1599 Clifton Road, NE, Atlanta, GA 30329-4251. Page 11.

DTSC. 1997. Selecting Inorganic Constituents as Chemicals of Potential Concern at Risk Assessment at Hazardous Waste Sites and Permitted Facilities. Final Policy. February.

DTSC. 2009. Arsenic Strategies, Determination of Arsenic Remediation, Determination of Arsenic Cleanup Goals for Proposed and Existing School Sites. January 16.

DTSC. 2014. Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Military Facilities.

DTSC. 2015. Preliminary Endangerment Assessment Guidance Manual. State of California-Environmental Protection Agency, Sacramento, CA. October.

DTSC. 2019a. HERO HHRA Note Number: 10, Toxicity Criteria. February.

DTSC. 2019b. HERO HHRA Note Number: 1, Recommended DTSC Default Exposure Factors for Use in Risk Assessments at California Hazardous Waste Sites and Permitted Facilities. April 9.

DTSC. 2020. HERO HHRA Note Number 3, DTSC-modified Screening Levels (DTSC-SLs). June.

DTSC. 2022. HERO HHRA Note Number: 4, Guidance for Screening Level Human Health Risk Assessments. March 29.

Hunter, P.M., Davis, B.K., F. Roach. 2004. Naturally Occurring Concentrations of Inorganic Chemicals in Groundwater and Soil at California Air Force Installations. 44th Annual Meeting of the Society of Toxicology. New Orleans, Louisiana. https://www.dtsc.ca.gov/AssessingRisk/upload/Metals_Handout.pdf

Leighton Consulting, Inc. 2021. Limited Soil and Soil Vapor Site Investigation, Rosemead Holding, LLC – Phase 1 Development. 2200 North Rosemead Boulevard, South El Monte, California. September 3.

OEHHA. 2019. Acute, 8-Hour, and Chronic Reference Exposure Level Summary. https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary. November.

OEHHA. 2021. Toxicity Criteria Database, https://oehha.ca.gov/chemicals. Accessed in November.

Singh, Anita, and Maichle, Robert. 2015. ProUCLVersion 5.1, User Guide. Statistical Software for Environmental Applications for Data Sets with and without Nondetect Observations. USEPA Office of Research and Development. October.

USEPA. 1989. Risk Assessment Guidance for Superfund – Volume I Human Health Evaluation Manual (Part A), EPA/540/1-89/002. December.

USEPA. 1991a. Risk Assessment Guidance for Superfund: Volume I - Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals). Office of Emergency and Remedial Response. Washington, D.C.

USEPA. 1991b. EPA Risk Assessment Guidance for Superfund: Volume 1 – Human Health Evaluation Manual Part C, Risk Evaluation of Remedial Alternatives. Office of Emergency and Remedial Response. Washington, D.C.

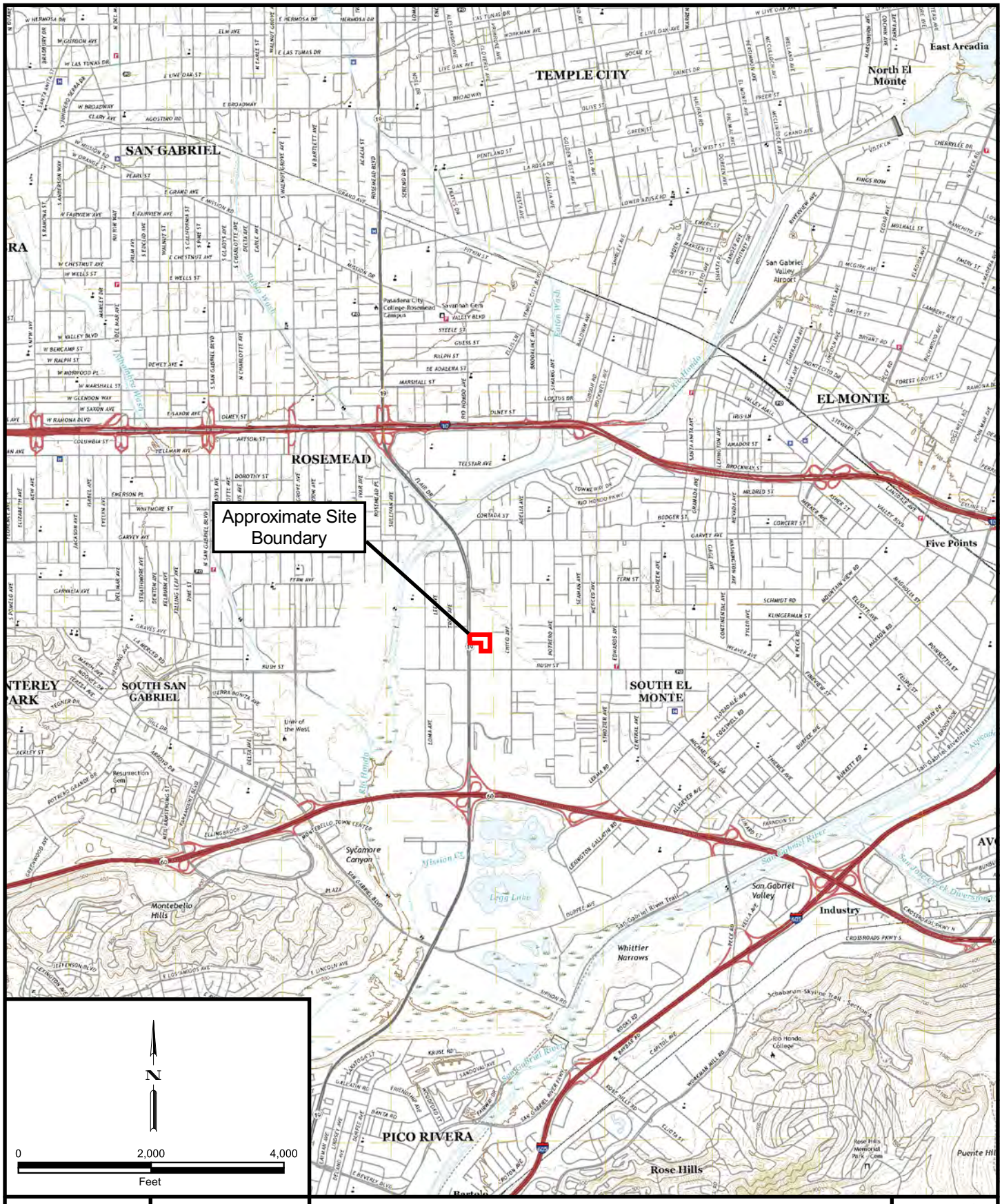
USEPA. 2002. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24. December.

USEPA. 2004. Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. EPA/540/R/99/005.

USEPA. 2019. Integrated Risk Information System (IRIS), http://www.epa.gov/iris.

USEPA. 2021. Region IX, Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites. Updated in May.

# FIGURES




| | |
|---|---|
| Project: 13111.001 | Geol/Eng: RJF/MH |
| Scale 1" = 2,000' | Date: Month 2020 |

Basemap: USGS Topographic Map, El Monte Quandrangle 7.5 Minute Series, 2018.

Author: mav

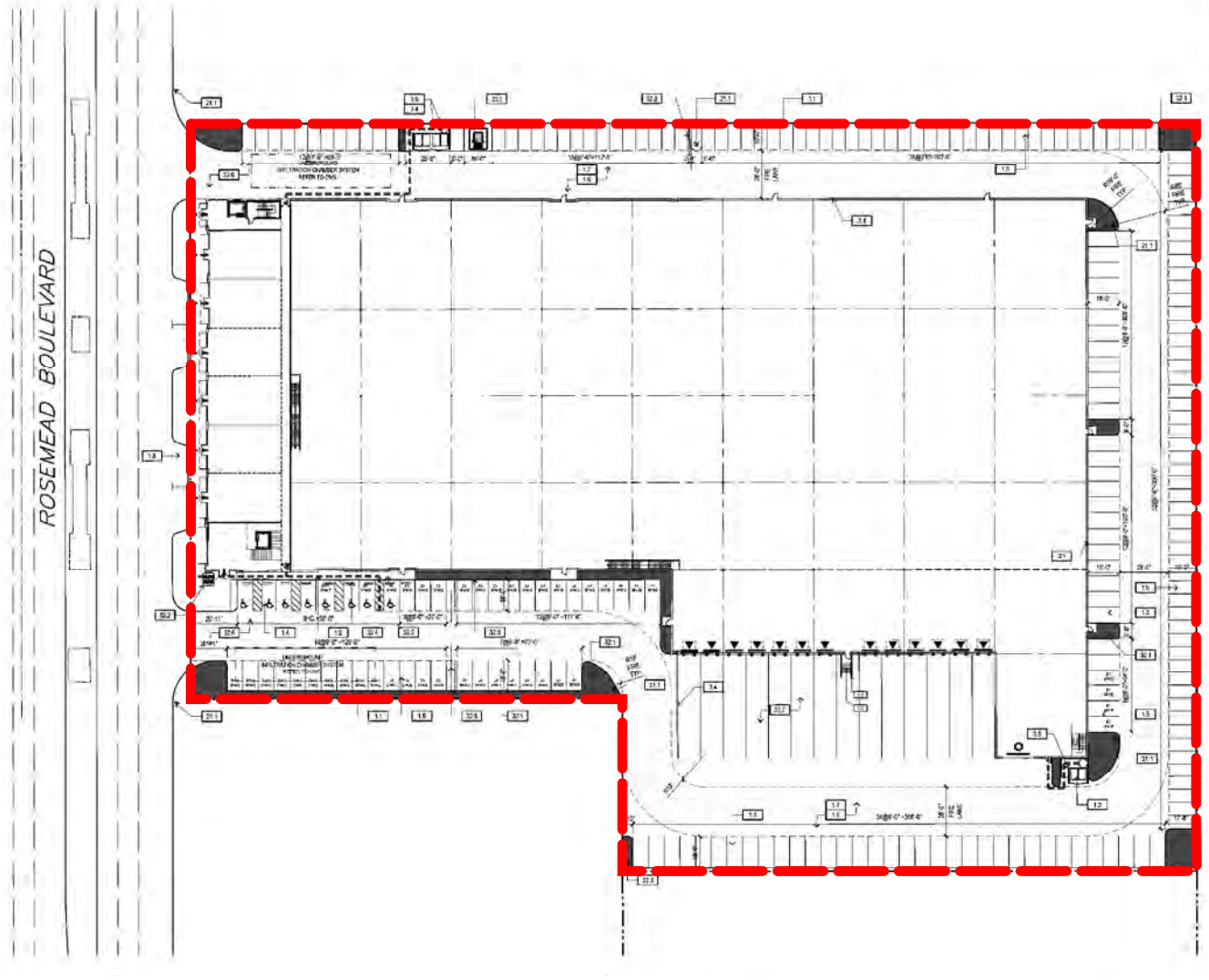
# SITE LOCATION MAP

Rosemead Holding LLC
2200 N. Rosemead Boulevard
South El Monte, California

Figure 1

Leighton

Map Saved as\\ds-irv\project\INFOCUS PROJECTS\13001-13500\13111 Rosemead Holding\001\Geomatics\JulyPlates

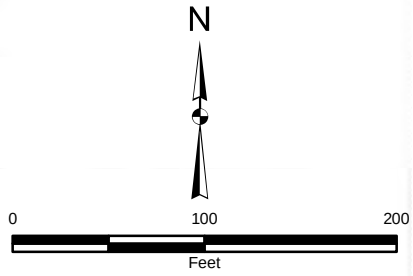



**PROJECT TABULATIONS**

| | | |
|---|---|---|
| **SITE AREA** | | |
| SF | | 223,693 |
| ACRES | | 5.14 |
| **BUILDING AREA** | | |
| Warehouse | | 112,405 |
| Retail | | 8,200 |
| Office | | 1,950 |
| **TOTAL BUILDING FOOTPRINT** | | **122,555** |
| **2ND FLOOR AND MEZZANINE** | | |
| Office | | 8,875 |
| WH Storage | | 14,445 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **23,320** |
| **3RD FLOOR** | | |
| Office | | 9,705 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **9,705** |
| **TOTAL BUILDING AREA** | | **155,580** |
| **COVERAGE** | | **55%** |
| **FAR** | | **69%** |
| **PARKING REQUIRED** | | |
| Office | 1/300 | 67 |
| Retail | 1/300 | 27 |
| Warehouse | 1/1000 | 127 |
| **TOTAL PARKING REQUIRED*** | | **223** |
| **PARKING PROVIDED** | | |
| Full Size Stalls | 9'-0" x 18'-0" | 113 |
| Compact Stalls | 7'-6" x 16'-0" | 114 |
| Parallel Stalls | 9'-0" x 24'-0" | 4 |
| **TOTAL PARKING PROVIDED** | | **228** |
| **PARKING RATIO** | | 1.47/1000 |

| | Required | Provided |
|---|---|---|
| **EV PARKING** | | |
| EV 20% of Total Required Parking | 45 | 45 |
| EVCS 5% of Total Required Parking | 11 | 11 |
| **BICYCLE PARKING** | | |
| Long Term - 5% of Tenant parking | 6 | 6 |
| Short term - 5% of Visitor parking | 4 | 4 |
| DOCK DOORS | | 13 |
| GRADE DOORS | | 1 |

| **LANDSCAPE** | % | Area (S.F.) |
|---|---|---|
| Total Parking Lot Area | | 77,900 |
| Required - 5% of Parking Lot Area | 5.00% | 3,895 |
| Total Landscape Area Provided | 6.20% | 4,832 |




| | |
|---|---|
| Project: 13111.004 | Eng/Geol: RJF |
| Scale: 1 " = 100 ' | Date: October 2022 |
| Base Map: Site Plan by Architecture Design Relationships, 10/14/2022.<br><br>Author: Leighton Geomatics (mmurphy) | |

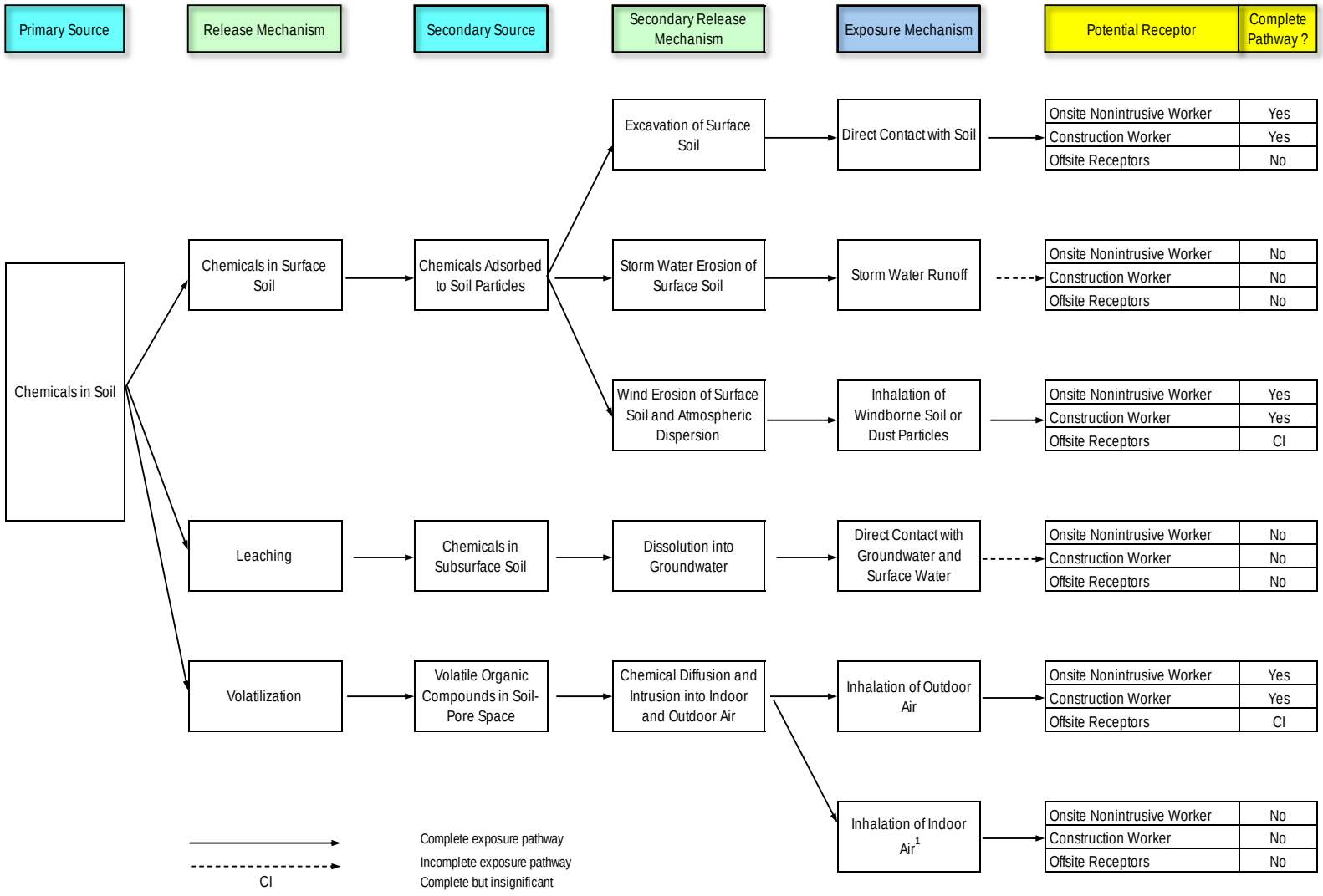
# PROPOSED PHASE 1 SCHEMATIC FOR ROSEMEAD HOLDING LLC DEVELOPMENT ROSEMEAD HOLDING SITE

2222 North Rosemead Boulevard
South El Monte, California

**FIGURE 2**

Leighton

Map Saved as V:\Drafting\13111\004\Maps\13111-004_F02_PS-PH1_2022-10-21.mxd on 10/21/2022 5:05:34 PM




Footnotes:

[1] Vapor intrusion pathway was not evaluated in this PEA because an active soil gas remediation is in place.

ENVIRO-TOX services, inc.

Figure 3

Conceptual Site Model

Date: November 2022

Project Name: Rosemead Holdings PEA

Project Location: South El Monte, California

# TABLES

Table 1 - Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| SB-1 | 2 | 8/22/2020 | EEC | 1.8 J | 11 | 200 | 0.60 | <0.51 | 27 | -- | 13 | 73 | 18 | 0.98 J | 22 | <3.0 | <0.51 | <3.0 | 49 | 74 | <0.13 |
| SB-2 | 2 | 8/22/2020 | EEC | <3.1 | 6.8 | 140 | 0.53 | <0.51 | 18 | -- | 8.7 | 28 | 8.1 | <1.0 | 14 | <3.1 | <0.51 | <3.1 | 38 | 48 | 0.38 |
| SB-3 | 2 | 8/21/2020 | EEC | 1.8 J | 9.6 | 230 | 0.68 | <0.51 | 33 | -- | 15 | 39 | 10 | <1.0 | 28 | <3.1 | <0.51 | <3.1 | 53 | 80 | 0.066 J |
| SB-4 | 2 | 8/21/2020 | EEC | 1.9 J | 7.4 | 200 | 0.64 | <0.51 | 32 | -- | 14 | 42 | 10 | <1.0 | 26 | <3.0 | <0.51 | <3.0 | 50 | 75 | 0.055 J |
| SB-5 | 2 | 8/21/2020 | EEC | <2.9 | 8.6 | 160 | 0.47 J | <0.51 | 24 | -- | 10 | 30 | 7.2 | <0.97 | 20 | <2.9 | <0.49 | <2.9 | 41 | 54 | 0.069 J |
| SB-6 | 2 | 8/22/2020 | EEC | <2.8 | 3.3 | 79 | 0.26 J | <0.46 | 12 | -- | 6.4 | 20 | 6.2 | 0.87 J | 9.5 | <2.8 | <0.46 | <2.8 | 25 | 37 | <0.13 |
| SB-7 | 2 | 8/22/2020 | EEC | <3.0 | 3.9 | 74 | 0.50 | <0.50 | 12 | -- | 5.5 | 9.9 | 4.8 | <0.99 | 7.8 | <3.0 | <0.50 | <3.0 | 33 | 33 | 0.050 J |
| SB-8 | 2 | 8/21/2020 | EEC | 1.7 J | 4.6 | 170 | 0.37 J | <0.49 | 20 | -- | 9.3 | 43 | 25 | <0.97 | 16 | <2.9 | <0.49 | <2.9 | 37 | 65 | 0.14 |
| SB-9 | 2 | 8/21/2020 | EEC | <3.0 | 5.4 | 190 | 0.66 | <0.50 | 30 | -- | 13 | 36 | 8.5 | <0.99 | 23 | <3.0 | <0.50 | <3.0 | 49 | 69 | 0.063 J |
| SB-10 | 5 | 8/21/2020 | EEC | 2.7 J | 18 | 170 | 0.55 | <0.46 | 25 | -- | 10 | 24 | 8.4 | <0.93 | 18 | <2.8 | <0.46 | <2.8 | 47 | 60 | <0.13 |
| SB-10 | 10 | 8/21/2020 | EEC | -- | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | EEC | 19 | 6.4 | 180 | 0.34 J | 1.0 | 88 | -- | 10 | 61 | 2,400 | 11 | 15 | <2.8 | 0.28 J | <2.8 | 37 | 160 | 0.86 |
| SB-11 | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | EEC | 1.7 J | 6.6 | 200 | 0.55 | <0.50 | 26 | -- | 13 | 30 | 8.3 | 0.80 J | 21 | <3.0 | <0.50 | <3.0 | 47 | 65 | 0.074 J |
| SB-13 | 2 | 8/21/2020 | EEC | 29 | 7.9 | 310 | 0.42 J | 0.81 | 110 | -- | 8.1 | 54 | 2,300 | 18 | 16 | <3.2 | 1.4 | <3.2 | 28 | 110 | 0.33 |
| SB-14 | 5 | 8/21/2020 | EEC | <2.8 | 9.7 | 150 | 0.47 | <0.47 | 23 | -- | 9.9 | 25 | 31 | <0.94 | 17 | <2.8 | <0.47 | <2.8 | 39 | 52 | <0.12 |
| SB-15 | 2 | 8/22/2020 | EEC | 4.8 | 7.9 | 110 | 0.23 J | 0.98 | 38 | -- | 7.2 | 38 | 390 | 4.0 | 17 | <3.2 | 0.90 | <3.2 | 24 | 140 | 0.32 |
| SB-15 | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | EEC | 13 | 8.1 | 2,200 | 0.32 J | 15 | 2,000 | -- | 31 | 230 | 13,000 | 91 | 36 | <3.1 | 0.34 J | <3.1 | 31 | 1,100 | 1.1 |
| SB-16 | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-17 | 2 | 8/22/2020 | EEC | 1.6 | 4.8 | 130 | 0.40 J | <0.49 | 19 | -- | 9.7 | 35 | 11 | 5.8 | 16 | <2.9 | <0.49 | <2.9 | 38 | 58 | 0.047 J |
| SB-17 | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | EEC | <3.0 | 1.6 | 29 | 0.19 J | <0.50 | 6.6 | -- | 3.8 | 8.9 | 4.5 | <1.0 | 5.0 | <3.0 | <0.50 | <3.0 | 19 | 24 | 0.076 J |
| SB-19 | 2 | 8/21/2020 | EEC | 79 | 21 | 840 | 0.28 J | 4.0 | 5,100 | -- | 35 | 920 | 26,000 | 480 | 120 | <2.8 | <0.47 | 1.6 J | 12 | 830 | 2.3 |
| SB-19 | 5 | 8/21/2020 | EEC | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | 4.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | EEC | 6.9 | 3.2 | 400 | 0.20 J | 0.13 J | 28 | -- | 6.5 | 23 | 520 | 5.0 | 8.6 | <3.1 | <0.51 | <3.1 | 25 | 74 | 0.081 J |
| SB-20 | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-21 | 2 | 8/21/2020 | EEC | <2.9 | 5.0 | 110 | 0.38 J | <0.48 | 18 | -- | 8.3 | 18 | 5.9 | <0.96 | 14 | <2.9 | <0.48 | <2.9 | 36 | 43 | <0.14 |
| SB-22 | 2 | 8/21/2020 | EEC | <2.8 | 3.3 | 110 | 0.19 J | 0.19 J | 13 | -- | 6.1 | 18 | 50 | <0.94 | 8.4 | <2.8 | <0.47 | <2.8 | 24 | 45 | 0.055 J |
| SB-23 | 2 | 8/21/2020 | EEC | 730 | 23 | 280 | 0.40 J | 5.0 | 180 | -- | 17 | 110 | 4,100 | 36 | 26 | <2.8 | 0.59 | <2.8 | 26 | 540 | 0.91 |
| SB-23 | 5 | 8/21/2020 | EEC | 1.7 J | 4.0 | -- | -- | -- | -- | -- | -- | -- | 5.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | EEC | 4.0 | 5.3 | 110 | 0.37 J | <0.46 | 17 | -- | 7.8 | 22 | 140 | <0.93 | 13 | <2.8 | <0.46 | <2.8 | 35 | 66 | 0.041 J |
| SB-25 | 2 | 8/21/2020 | EEC | 1.6 J | 7.0 | 110 | 0.37 J | <0.47 | 18 | -- | 8.4 | 23 | 110 | <0.93 | 14 | <2.8 | <0.47 | <2.8 | 37 | 100 | 0.097 J |
| SB-26 | 2 | 8/21/2020 | EEC | 1.9 J | 14 | 270 | 0.65 | <0.50 | 30 | -- | 14 | 34 | 9.3 | <0.99 | 24 | <3.0 | <0.50 | <3.0 | 54 | 72 | 0.051 J |
| SB-26 | 5 | 8/21/2020 | EEC | -- | 6.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | EEC | <3.1 | 2.2 | 77 | 0.18 J | 0.12 J | 18 | -- | 5.2 | 15 | 100 | 0.70 J | 14 | <3.1 | 5.1 | <3.1 | 25 | 77 | 0.080 J |
| SB-28 | 2 | 8/21/2020 | EEC | <3.2 | 3.1 | 76 | 0.48 J | <0.53 | 15 | -- | 4.9 | 11 | 15 | 0.94 J | 9.3 | <3.2 | <0.53 | <3.2 | 31 | 34 | 0.11 J |
| SB-29 | 2 | 8/21/2020 | EEC | <2.6 | 2.1 | 74 | 0.16 J | <0.44 | 15 | -- | 4.5 | 9.3 | 47 | <0.88 | 14 | <2.6 | 0.20 J | <2.6 | 27 | 46 | 0.048 J |
| SB-30 | 2 | 8/22/2020 | EEC | <3.3 | 2.7 | 59 | 0.25 J | <0.56 | 8.7 | -- | 3.8 | 9.8 | 6.1 | <0.66 | 7.0 | <3.3 | <3.3 | <3.3 | 20 | 27 | <0.12 |
| SB-31 | 2 | 8/22/2020 | EEC | <2.6 | 5.0 | 85 | 0.67 | <0.43 | 19 | | 9.3 | 32 | 19 | <0.86 | 15 | <2.6 | <0.43 | <2.6 | 44 | 63 | 0.058 J |
| SB-32 | 2 | 8/22/2020 | EEC | <3.3 | 4.3 | 87 | 0.36 J | <0.56 | 12 | | 6.7 | 19 | 12 | <1.1 | 14 | <3.3 | <0.56 | <3.3 | 34 | 49 | 0.055 J |
| SB-33 | 2 | 8/22/2020 | EEC | <2.7 | 6.9 | 170 | 0.55 | <0.45 | 24 | | 11 | 47 | 12 | <0.89 | 18 | <2.7 | <0.45 | <2.7 | 45 | 68 | <0.13 |
| EFI1-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 62.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI2-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 791 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI3-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI4-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 137 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI5-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- |

Table 1 - Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| B1-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 686 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 13.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 36.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 506 | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 41.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 702 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 57.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 71 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.36 | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 34.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92.4 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 19,900 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 662 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 668 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 23.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 15.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9,790 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 111 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 30 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 24.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 170 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4,470 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 52.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1,210 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 775 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 473 | -- | -- | -- | -- | -- | -- | -- | -- |

Table 1 - Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| B14-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 61.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2,330 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 306 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| LV-1-1 | 1 | 06/23/2021 | LCI | <2.91 | <2.43 | 27.8 | <0.243 | <0.485 | 1.84 | -- | <0.971 | 3.4 | <4.85 | <0.485 | 0.491 | <4.85 | <0.971 | <4.85 | 11.1 | <9.71 | 0.19 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <2.97 | 2.71 | 47.8 | <0.248 | <0.495 | 4.06 | -- | 1.8 | 3.18 | <4.95 | <0.495 | 11.5 | <4.95 | <0.990 | <4.95 | 4.21 | <9.90 | <0.0833 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <2.99 | 3.54 | 187 | 0.436 | <0.498 | 10.7 | -- | 5.39 | 14.5 | 12.1 | <0.498 | 24.4 | <4.98 | <0.995 | <4.98 | 16.3 | 19.3 | 0.241 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <2.88 | <2.40 | 51.7 | 0.345 | <0.481 | 8.22 | -- | 4.73 | 7.92 | <4.81 | <0.481 | 7.4 | <4.81 | <0.962 | <4.81 | 17.6 | 22.4 | <0.0820 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <3.16 | 4.84 | 25.4 | <0.263 | <0.526 | 5.58 | -- | 2.66 | 2.47 | <5.26 | <0.526 | 3.88 | <5.26 | <1.05 | <5.26 | 8.13 | 12 | <0.0833 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <2.96 | <2.46 | 52.1 | 0.254 | <0.493 | 7.09 | -- | 8.55 | 5.45 | <4.93 | <0.493 | 6.15 | <4.93 | <0.985 | <4.93 | 13.3 | 18.9 | <0.0877 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <3.02 | <2.51 | 110 | 0.56 | <0.503 | 89.6 | <400 | 22 | 33.9 | <5.03 | <0.503 | 106 | <5.03 | <1.01 | <5.03 | 41.8 | 43.9 | 0.431 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <2.96 | <2.46 | 88.4 | 0.493 | <0.493 | 67.5 | <400 | 14.8 | 22.9 | <4.93 | <0.493 | 69 | <4.93 | <0.985 | <4.93 | 43 | 30.7 | <0.0862 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <3.08 | <2.56 | 71.1 | 0.479 | <0.513 | 80.7 | <400 | 17.8 | 28.3 | <5.13 | <0.513 | 82 | <5.13 | <1.03 | <5.13 | 44.2 | 32.4 | <0.0794 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <3.13 | <2.60 | 76.8 | <2.60 | <0.521 | 6.51 | -- | 3.32 | 6.90 | <0.521 | <0.521 | 5.84 | <5.21 | <1.04 | <5.21 | 12.3 | 16.1 | <0.0847 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <3.00 | 3.94 | 225 | <0.250 | <0.500 | 9.51 | -- | 3.45 | 7.69 | <5.00 | <0.500 | 6.87 | <5.00 | <1.00 | <5.00 | 17.4 | 20.9 | 0.192 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <2.99 | 6.73 | 182 | 0.408 | <0.498 | 12.4 | -- | 7.78 | 18.4 | <4.98 | <0.498 | 12.4 | <4.98 | <0.995 | <4.98 | 27.2 | 38.8 | <0.0820 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <2.94 | 3.4 | 109 | 0.29 | <0.490 | 7.1 | -- | 3.62 | 7.97 | 7.28 | <0.490 | 15.3 | <4.90 | <0.980 | <4.90 | 9.24 | 13.2 | <0.0806 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <2.99 | <2.49 | 84.4 | <0.249 | <0.498 | 6.35 | -- | 2.9 | 7.41 | 6.94 | <0.498 | 14.7 | <4.98 | <0.995 | <4.98 | 8.63 | 12.7 | <0.0820 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <2.96 | 3.51 | 93.7 | 0.25 | <0.493 | 6.69 | -- | 3.13 | 8.33 | 17.5 | <0.493 | 14.3 | <4.93 | <0.985 | <4.93 | 8.68 | 13.3 | 0.085 |
| LV-6-1 | 1 | 06/22/2021 | LCI | <2.88 | 2.4 | 15.2 | <0.240 | <0.481 | 2.47 | -- | 0.991 | 1.13 | <4.81 | <0.481 | 1.54 | <4.81 | <0.481 | <4.81 | 3.35 | <9.62 | 0.116 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <2.91 | <2.43 | 13.7 | <0.243 | <0.485 | 1.95 | -- | <0.971 | <0.971 | <4.85 | <0.485 | 1.05 | <4.85 | <0.971 | <4.85 | 2.42 | <9.71 | <0.0820 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <2.99 | 3.6 | 11.7 | <0.249 | <0.498 | 3.04 | -- | 1.17 | 1.22 | <4.98 | <0.498 | 1.97 | <4.98 | <0.995 | <4.98 | 4.08 | <9.95 | 0.165 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <3.09 | <2.58 | 56.5 | 0.343 | <0.515 | 51.3 | 700 | 11.3 | 21.9 | <5.15 | <0.515 | 48.2 | <5.15 | <1.03 | <5.15 | 31 | 19.6 | <0.0833 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <3.06 | 40.2 | 157 | 0.43 | 1.97 | 18.5 | -- | 16.5 | 1250 | 109 | <0.510 | 12.5 | <5.10 | <1.02 | <5.10 | 30.8 | 1770 | <0.0806 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <3.03 | <2.53 | 102 | 0.717 | <0.505 | 109 | 480 | 21.9 | 34.6 | <5.05 | <0.505 | 97.8 | <5.05 | <1.01 | <5.05 | 68.6 | 38.2 | <0.0862 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2.93 | <2.44 | 36.1 | <0.244 | <0.488 | 3.72 | -- | 3.82 | 5.54 | <4.88 | <0.488 | 6.85 | <4.88 | <0.976 | <4.88 | 6.97 | 13.9 | 0.143 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2.88 | <2.40 | 30.1 | 0.288 | <0.481 | 7.29 | -- | 5.11 | 7.96 | <4.81 | <0.481 | 9.44 | <4.81 | <0.962 | <4.81 | 14.1 | 34.2 | <0.0794 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2.90 | <2.42 | 46.6 | <0.242 | <0.483 | 5.30 | -- | 3.03 | 7.82 | <4.83 | <0.483 | 5.09 | <4.83 | <0.966 | <4.83 | 10.9 | 16.9 | 0.0996 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2.97 | <2.48 | 34.2 | <0.248 | <0.495 | 2.31 | -- | 2.30 | 3.42 | <4.95 | <0.495 | 3.36 | <4.95 | <0.990 | <4.95 | 4.39 | <9.90 | <0.0820 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <2.93 | <2.44 | 144 | 0.573 | <0.488 | 27.6 | -- | 8.40 | 14.2 | 8.62 | <0.488 | 49.5 | <4.88 | <0.976 | <4.88 | 23.1 | 47.2 | <0.0877 |
| LV-9-5 | 5.0 | 06/22/2021 | LCI | <3.00 | 30.0 | 121 | 0.348 | 1.58 | 13.9 | -- | 11.9 | 986 | 93.1 | <0.500 | 9.86 | <5.00 | <1.00 | <5.00 | 24.1 | 1210 | <0.0862 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <3.16 | <2.63 | 87.2 | 0.445 | <0.526 | 66.4 | 3600 | 14.6 | 27.4 | <5.26 | <0.526 | 67.3 | <5.26 | <1.05 | <5.26 | 35.6 | 32.8 | <0.0820 |
| LV-10-1 | 1 | 06/21/2021 | LCI | 12.5 | 3.36 | 434 | <0.258 | 3.22 | 207 | 73000 | 11.20 | 73.2 | 2680.0 | 22.7 | 14.3 | <5.15 | 1.74 | <5.15 | 16 | 293 | 1.22 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.56 | 104 | 0.415 | <0.513 | 14.4 | -- | 8.04 | 18 | <5.13 | <0.513 | 11.6 | <5.13 | <1.03 | <5.13 | 25.8 | 36 | <0.0877 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.5 | 152 | 0.616 | 1.23 | 21.3 | -- | 12.00 | 28.5 | <5.00 | <0.500 | 20.1 | <5.00 | <1.00 | <5.00 | 38.7 | 82.6 | 0.105 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <3.08 | <2.56 | 46.8 | <0.256 | <0.513 | 5.73 | -- | 3.79 | 9.86 | 11.9 | 1.04 | 3.7 | <5.13 | <1.03 | <5.13 | 9.62 | 33.0 | <0.0862 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 131 | 0.565 | <0.485 | 19.1 | -- | 9.52 | 33.9 | <4.85 | <0.485 | 14.5 | <4.85 | <0.971 | <4.85 | 32.6 | 46.4 | <0.0820 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <2.87 | <2.39 | 128 | 0.358 | <0.478 | 14.8 | -- | 7.22 | 18.7 | <4.78 | <0.478 | 10.7 | <4.78 | <0.957 | <4.78 | 26.2 | 33.3 | <0.0877 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <2.85 | <2.36 | 141 | 0.641 | 0.479 | 20.9 | -- | 11.7 | 33 | 47.2 | <0.476 | 17.3 | <4.76 | <0.952 | <4.76 | 41.6 | 47.3 | <0.0877 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.50 | 122 | 0.448 | <0.500 | 15.7 | -- | 9.46 | 21.2 | <5.00 | <0.500 | 13.6 | <5.00 | <1.00 | <5.00 | 31.1 | 42.8 | <0.0877 |

Table 1 - Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| LV-12-1 | 1 | 06/21/2021 | LCI | <3.00 | 5.01 | 95.2 | <0.250 | 1.35 | 12.1 | -- | 10.3 | 21.8 | 166 | 1.06 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0847 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <3.06 | <2.55 | 107 | 0.497 | <0.510 | 18.7 | -- | 8.30 | 24.6 | <5.10 | <0.510 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0833 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <3.13 | <2.51 | 145 | 0.27 | <0.521 | 10.7 | -- | 5.93 | 13.4 | <5.21 | <0.521 | 8.08 | <5.21 | <1.04 | <5.21 | 21.6 | 25.9 | 0.197 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | <2.51 | 145 | 0.533 | <0.503 | 19.3 | -- | 11.40 | 25.3 | <5.03 | <0.503 | 15.9 | <5.03 | <1.01 | <5.03 | 39.6 | 47.8 | <0.0820 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <3.16 | <2.63 | 166 | 0.538 | <0.526 | 18.8 | -- | 11.20 | 25.4 | <5.26 | <0.526 | 16 | <5.26 | <1.05 | <5.26 | 38.7 | 50.1 | 0.0934 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <3.11 | <2.59 | 17.3 | <0.259 | <0.518 | 4.46 | -- | 2.06 | 3.87 | <5.18 | <0.518 | 3.88 | <5.18 | <1.04 | <5.18 | 7.21 | 13.9 | <0.0833 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 82.0 | 0.287 | <0.526 | 8.26 | -- | 4.93 | 11.5 | 8.08 | <0.526 | 9.02 | <5.26 | <1.05 | <5.26 | 15.0 | 27.4 | <0.0847 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <3.02 | <2.51 | 82.8 | 0.320 | <0.503 | 9.41 | -- | 5.37 | 13.8 | 12.7 | <0.503 | 9.84 | <5.03 | <1.01 | <5.03 | 15.7 | 32.4 | 0.134 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <2.93 | <2.44 | 32.6 | <0.244 | <0.488 | 2.54 | -- | 1.52 | 3.56 | <4.88 | <0.488 | 2.49 | <4.88 | <0.976 | <4.88 | 5.03 | 12.1 | 0.201 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <2.99 | 4.61 | 149 | 0.553 | 0.798 | 12.8 | -- | 5.58 | 23.6 | 28.4 | <0.498 | 11.4 | <4.98 | <0.995 | <4.98 | 20.0 | 53.9 | <0.0820 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <3.00 | <2.50 | 200 | <0.250 | <0.500 | 5.42 | -- | 20.4 | 8.46 | <5.00 | <0.500 | 14.1 | <5.00 | <1.00 | <5.00 | 8.77 | 17.5 | 0.195 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <3.09 | <2.58 | 19.5 | <0.258 | <0.515 | 4.20 | -- | 2.62 | 2.97 | <5.15 | <0.515 | 4.33 | <5.15 | <1.03 | <5.15 | 7.75 | 13.2 | 0.0833 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <3.13 | 2.86 | 141 | 0.370 | <0.521 | 11.8 | -- | 6.31 | 19.3 | 18.0 | <0.521 | 10.6 | <5.21 | <1.04 | <5.21 | 21.7 | 43.9 | <0.0877 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 44.8 | <0.263 | <0.526 | 5.19 | -- | 3.48 | 6.20 | <5.26 | <0.526 | 5.27 | <5.26 | <1.05 | <5.26 | 8.38 | 17.1 | 0.120 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <3.02 | <2.51 | 38.2 | <0.251 | <0.503 | 4.87 | -- | 3.49 | 6.96 | <5.03 | <0.503 | 5.01 | <5.03 | <1.01 | <5.03 | 8.77 | 15.6 | <0.0820 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <3.09 | <2.58 | 35.4 | <0.258 | <0.515 | 3.26 | -- | 2.36 | 7.57 | 6.5 | <0.515 | 3.81 | <5.15 | <1.03 | <5.15 | 5.96 | 15.8 | <0.0806 |
| LV-15-1 | 1 | 06/21/2021 | LCI | 13.6 | <2.59 | 135 | 0.384 | 1.08 | 78.3 | 22000 | 8.63 | 54.6 | 1640 | 15.7 | 12.2 | <5.18 | <1.04 | <5.18 | 21.3 | 86.7 | 0.4 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <3.08 | <2.56 | 57.1 | 0.265 | 1.42 | 10.7 | -- | 6.64 | 51.7 | 10 | <0.513 | 7.92 | <5.13 | <1.03 | <5.13 | 17.2 | 56.2 | <0.0847 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <3.02 | 13.5 | 97.6 | 0.426 | <0.503 | 16 | -- | 10.6 | 24.5 | <5.03 | <0.503 | 16.4 | <5.03 | <1.01 | <5.03 | 34.1 | 43.7 | <0.0794 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | 20.5 | 203 | 0.543 | <0.503 | 19.7 | -- | 12.0 | 27.6 | <5.03 | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 42.9 | 51.0 | <0.0820 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <2.97 | <2.48 | 116 | 0.386 | <0.495 | 13.8 | -- | 8.93 | 20.6 | <4.95 | <0.495 | 12.3 | <4.95 | <0.99 | <4.95 | 29.4 | 37.7 | <0.0806 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <2.91 | <2.43 | 67.2 | <0.243 | <0.485 | 5.27 | -- | 10.90 | 11.3 | <4.85 | <0.485 | 4.26 | <4.85 | <0.971 | <4.85 | 11.5 | 19.6 | <0.0820 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | 7.67 | 136 | 0.515 | <0.485 | 17.6 | -- | 8.94 | 27.7 | <4.85 | <0.485 | 13.4 | <4.85 | <0.971 | <4.85 | 30.6 | 41.2 | <0.0833 |
| LV-16-5 | 5.0 | 06/21/2021 | LCI | <2.93 | 6.92 | 141 | 0.389 | <0.488 | 14.1 | -- | 7.75 | 18.6 | <4.88 | <0.488 | 11.4 | <4.88 | <0.976 | <4.88 | 24.9 | 31.8 | <0.0833 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.40 | 55.8 | <0.24 | <0.481 | 7.38 | -- | 4.55 | 9.23 | <4.81 | <0.481 | 6.07 | <4.81 | <0.962 | <4.81 | 15.5 | 20.3 | <0.0847 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <2.91 | <2.43 | 97.2 | 0.345 | <0.485 | 12.1 | -- | 7.57 | 15.1 | <4.85 | <0.485 | 10.1 | <4.85 | <0.971 | <4.85 | 25.5 | 31.2 | <0.0862 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <3.06 | <2.55 | 80.2 | 0.274 | <0.510 | 10.5 | -- | 5.49 | 12.7 | 10.8 | 0.543 | 7.95 | <5.10 | <1.02 | <5.10 | 18.2 | 28.4 | <0.0862 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <2.96 | <2.46 | 83.2 | 0.337 | 0.578 | 10.3 | -- | 6.71 | 19.8 | 9.7 | <0.493 | 7.62 | <4.93 | <0.985 | <4.93 | 22.7 | 49.8 | <0.0794 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.5 | 83.1 | 0.379 | <0.5 | 13.1 | -- | 7.23 | 15.2 | <5.00 | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 23.7 | 30.9 | <0.0862 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 84.4 | <0.243 | <0.485 | 8.4 | -- | 4.55 | 10.9 | <4.85 | <0.485 | 6.28 | <4.85 | <0.971 | <4.85 | 16.1 | 23.2 | <0.0847 |
| LV-17-10 | 10.0 | 06/21/2021 | LCI | <2.93 | <2.44 | 95.8 | 0.503 | <0.488 | 17.8 | -- | 10.7 | 23.8 | <4.88 | <0.488 | 15.1 | <4.88 | <0.976 | <4.88 | 33.9 | 42.4 | <0.0877 |
| LV-18-1 | 1.0 | 06/21/2021 | LCI | <3.11 | <2.59 | 112 | 0.417 | 0.961 | 18.5 | -- | 8.98 | 28.3 | 226.0 | <0.518 | 14.4 | <5.18 | <1.04 | <5.18 | 27.4 | 135 | <0.0820 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <3.00 | <2.5 | 35.4 | <0.25 | <0.500 | 5.06 | -- | 2.74 | 6.88 | <5.0 | <0.5 | 4.2 | <5.00 | <1.00 | <5.00 | 8.09 | 17.4 | <0.0820 |
| LV-18-5 | 5.0 | 06/21/2021 | LCI | <2.96 | <2.46 | 161 | 0.494 | <0.493 | 18 | -- | 9 | 22.9 | <4.93 | <0.493 | 14 | <4.93 | <0.985 | <4.93 | 27.9 | 46.5 | <0.0833 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 156 | 0.584 | <0.526 | 21.6 | -- | 12.3 | 26.7 | <5.26 | <0.526 | 17.5 | <5.26 | <1.05 | <5.26 | 42.3 | 56.5 | <0.0862 |
| LV-18-10 | 10.0 | 06/21/2021 | LCI | <3.02 | <2.51 | 123 | 0.66 | <0.503 | 22.7 | -- | 11.7 | 37.7 | <5.03 | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 41.9 | 50.8 | <0.0862 |
| LV-19-1 | 1.0 | 06/21/2021 | LCI | 2.98 | <2.43 | 99.6 | <0.243 | 1.36 | 23.0 | -- | 5.17 | 27.6 | 631.0 | 1.5 | 8.61 | <4.85 | <0.971 | <4.85 | 13.2 | 133 | <0.0847 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <2.93 | 5.08 | 113 | 0.359 | <0.488 | 13.0 | -- | 7.27 | 25.1 | 41.7 | <0.488 | 10.4 | <4.88 | <0.976 | <4.88 | 24.3 | 59.2 | <0.0847 |
| LV-19-5 | 5.0 | 06/21/2021 | LCI | <3.0 | <2.5 | 121 | 0.38 | <0.5 | 13.8 | -- | 7.39 | 16.5 | <5.00 | <0.500 | 10.7 | <5.00 | <1.00 | <5.00 | 22.5 | 34.5 | <0.0833 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.4 | 92.1 | 0.281 | <.481 | 10.4 | -- | 5.89 | 12.4 | <4.81 | <0.481 | 8.22 | <4.81 | <0.962 | <4.81 | 21 | 27.6 | <0.0847 |
| LV-19-10 | 10.0 | 06/21/2021 | LCI | <3.13 | <2.6 | 196 | 0.796 | 0.95 | 67.6 | 2200 | 12.1 | 83.1 | <5.21 | <0.521 | 20.6 | <5.21 | <1.04 | <5.21 | 75.3 | 72.9 | 0.941 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 71.6 | <0.263 | 0.566 | 22.2 | -- | 4.33 | 24.9 | 125 | 2.15 | 8.49 | <5.26 | <1.05 | <5.26 | 10.6 | 153 | <0.0806 |

-- = not analyzed
J = Estimated value; concentration above the method detection limit but below the reporting limit
mg/kg = milligrams per kilogram
< 2.6 = not detected above the method detection limit or reporting limit
EEC = EEC Environmental
EFI = EFI Global
LCI = Leighton Consulting, Inc.

Table 2 - Soil Analytical Test Results - Polychlorinated Biphenyls
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Results in ug/kg | | | | | | | | |
| SB-1 | 2 | 8/22/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-4 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-10 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-11 | 2 | 8/21/2020 | EEC | <250 | <250 | <250 | <250 | <250 | 1,900 | <250 | <250 | <250 |
| SB-11 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-11 | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-12 | 2 | 8/21/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-13 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 790 H | <50 | <50 | <50 |
| SB-14 | 2 | 8/21/2020 | EEC | <1,200 | <1,200 | <1,200 | <1,200 | <1,200 | 22,000 | <1,200 | <1,200 | <1,200 |
| SB-14 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-14 | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-15 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 290 J | <50 | <50 | <50 |
| SB-16 | 2 | 8/21/2020 | EEC | <1,000 | <1,000 | <1,000 | <1,000 | <1,000 | 22,000 H | <1,000 | <1,000 | <1,000 |
| SB-16 | 5 | 8/21/2020 | EEC | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| SB-17 | 2 | 8/22/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-20 | 2 | 8/21/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-27 | 2 | 8/21/2020 | EEC | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 |
| SB-30 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| B1-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 917 | 380 | ND | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 66.7 | 83.8 | ND | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,870 | 729 | ND | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 193 | ND | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 436 | 216 | ND | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 1,020 | 1,140 | ND | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 98.2 | 78.6 | ND | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 3,990 | 2,140 | ND | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 72.5 | ND | ND | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 282 | ND | ND | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 906 | 129 | ND | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,210 | 181 | ND | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,920 | 2,450 | ND | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 26,200 | 368 | ND | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 414 | ND | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 30,600 | 2,630 | ND | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 75.7 | ND | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 1,170 | ND | ND | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 162 | ND | ND | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 5,890 | 354 | ND | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 752 | 337 | ND | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |

Table 2 - Soil Analytical Test Results - Polychlorinated Biphenyls
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B15-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 116 | ND | ND | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 278 | 96.4 | ND | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 265 | 117 | ND | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| LV-1-1 | 1 | 06/23/2021 | LCI | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | 69 | 210 | 89 | <50 | <50 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | 73 | <50 | <50 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 13,000 | 15,000 | 4,000 | <2500 | <2500 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 1,300 | 1,600 | <2500 | <2500 | <2500 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | 250 | 720 | <50 | <50 | <50 |
| LV-9-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 1,400 | 370 | <50 | <50 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 340 | 110 | <50 | <50 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

Table 2 - Soil Analytical Test Results - Polychlorinated Biphenyls
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | 580 | 260 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-18-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 110 | 100 | <50 | <50 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-5 | 5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

Notes:
-- = not analyzed
< "X" = not detected above the method detection limit or reporting limit "X"
EEC = EEC Environmental
EFI = EFI Global
J = Estimated value; concentration above the method detection limit but below the reporting limit
LCI = Leighton Consulting, Inc.
ug/kg = micrograms per kilogram

Table 3 - Soil Analytical Test Results - Total Petroleum Hydrocarbons
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | TPH (mg/kg) | | |
|---|---|---|---|---|
| | | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| SB-1 | 2 | <10 | <10 | 49 |
| SB-1 | 5 | <10 | <10 | 8.9 |
| SB-2 | 2 | <10 | <10 | 16 |
| SB-2 | 5 | <10 | <10 | <10 |
| SB-3 | 10 | <10 | <10 | <10 |
| SB-4 | 2 | <10 | <10 | 22 |
| SB-4 | 5 | <9.9 | <9.9 | 32 |
| SB-5 | 2 | <10 | <10 | 70 |
| SB-5 | 5 | <10 | <10 | 4.9 |
| SB-6 | 2 | <10 | <10 | <10 |
| SB-6 | 5 | <10 | <10 | <10 |
| SB-7 | 2 | <20 | <20 | 50 |
| SB-7 | 5 | <10 | 4.5 | <10 |
| SB-8 | 2 | <50 | 100 | 1400 |
| SB-8 | 5 | <9.9 | <9.9 | 5.7 |
| SB-9 | 2 | <10 | <10 | <10 |
| SB-9 | 5 | <10 | <10 | 4.5 |
| SB-10 | 2 | <110 | 180 | 850 |
| SB-10 | 5 | <10 | <10 | 12 |
| SB-11 | 2 | 27 | 350 | 1100 |
| SB-11 | 5 | <10 | 4.2 | <10 |
| SB-12 | 2 | <10 | <10 | <10 |
| SB-12 | 5 | <10 | <10 | <10 |
| SB-13 | 2 | <50 | 80 | 390 |
| SB-13 | 5 | <10 | <10 | <10 |
| SB-13 | 10 | <10 | <10 | <10 |
| SB-14 | 2 | <10 | 1400 | 4500 |
| SB-14 | 5 | <10 | <10 | <10 |
| SB-15 | 2 | <10 | <10 | <10 |
| SB-15 | 5 | <10 | <10 | <10 |
| SB-16 | 2 | <10 | 4900 | 13000 |
| SB-16 | 5 | <10 | <10 | <10 |
| SB-17 | 2 | <10 | <10 | 5.5 |
| SB-17 | 5 | 8.2 | 50 | 130 |
| SB-18 | 2 | <10 | 5.3 | 17 |
| SB-18 | 5 | <10 | <10 | 6.7 |
| SB-19 | 2 | 9.4 | 58 | 98 |
| SB-19 | 5 | <10 | <10 | <10 |
| SB-20 | 2 | 150 | 510 | 960 |
| SB-20 | 5 | <10 | <10 | <10 |
| SB-21 | 2 | <10 | 35 | 51 |
| SB-21 | 5 | 240 | 1500 | 1700 |
| SB-21 | 10 | <10 | 9.7 | 6.5 |
| SB-22 | 2 | <10 | <10 | <10 |
| SB-22 | 5 | <10 | <10 | 6.8 |
| SB-23 | 2 | 2600 | 8500 | 33000 |
| SB-23 | 5 | <9.9 | 4.5 | 18 |
| SB-24 | 2 | <20 | <20 | 74 |
| SB-24 | 5 | <10 | <10 | 10 |
| SB-25 | 2 | <10 | <10 | 16 |
| SB-25 | 5 | <10 | <10 | 9.7 |
| SB-26 | 2 | <10 | 16 | 37 |

Table 3 - Soil Analytical Test Results - Total Petroleum Hydrocarbons
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | TPH (mg/kg) | | |
|---|---|---|---|---|
| | | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| SB-26 | 5 | <50 | <50 | 130 |
| SB-27 | 2 | <10 | 40 | 400 |
| SB-27 | 5 | <10 | <10 | 8.6 |
| SB-28 | 2 | <100 | <100 | 300 |
| SB-28 | 5 | <10 | <10 | 11 |
| SB-29 | 2 | <10 | <10 | 17 |
| SB-29 | 5 | <10 | <10 | 8.5 |
| SB-30 | 2 | <20 | <20 | 70 |
| SB-30 | 5 | <10 | <10 | 11 |
| SB-31 | 2 | <50 | <50 | 98 |
| SB-31 | 5 | <10 | <10 | 14 |
| SB-32 | 2 | <200 | <200 | 930 |
| SB-32 | 5 | <10 | <10 | 11 |
| SB-33 | 2 | <10 | 4.5 | 14 |
| SB-33 | 5 | <10 | <10 | 10 |
| LV-1-1 | 1 | <0.097 | <4.9 | 5.7 |
| LV-1-5 | 5 | <0.091 | <5 | 6.1 |
| LV-1-10 | 10 | <0.099 | <5 | <5 |
| LV-2-1 | 1 | <0.085 | 9.4 | 33 |
| LV-2-5 | 5 | <0.079 | <5 | <5 |
| LV-2-10 | 10 | <0.12 | <5 | 8 |
| LV-3-1 | 1 | <0.063 | <50 | 360 |
| LV-3-5 | 5 | <0.075 | <4.9 | 7.2 |
| LV-3-10 | 10 | <0.097 | <4.9 | 5.6 |
| LV-3-10-DUP | 10 | <0.073 | -- | -- |
| LV-4-1 | 1 | 1.1 | 42 | 240 |
| LV-4-5 | 5 | <0.09 | 7 | 8.7 |
| LV-4-10 | 10 | <0.078 | 6.1 | 6.9 |
| LV-5-1 | 1 | <0.092 | <4.9 | <4.9 |
| LV-5-5 | 5 | <0.085 | <5 | 7 |
| LV-5-10 | 10 | <0.1 | <4.9 | 8.9 |
| LV-5-10-DUP | 10 | <0.11 | -- | -- |
| LV-6-1 | 1 | <0.1 | 9.3 | 57 |
| LV-6-5 | 5 | <0.087 | <5 | 7 |
| LV-6-10 | 10 | <0.088 | <4.9 | <4.9 |
| LV-7-1 | 1 | 6.9 | 3900 | 13000 |
| LV-7-5 | 5 | <0.074 | <5 | 8.5 |
| LV-7-10 | 10 | <0.078 | <5 | 8.9 |
| LV-8-1 | 1 | 1.5 | 1800 | 6000 |
| LV-8-3 | 3 | -- | 390 | 1200 |
| LV-8-5 | 5 | <0.086 | 13 | 18 |
| LV-8-10 | 10 | <0.12 | <5 | 5 |
| LV-9-1 | 1 | <0.081 | 51 | 880 |
| LV-9-5 | 5 | <0.077 | <5 | 5.7 |
| LV-9-10 | 10 | <0.1 | <5 | 6 |
| LV-9-10-DUP | 10 | <0.076 | -- | -- |
| LV-10-1 | 1 | <0.096 | 530 | 760 |
| LV-10-5 | 5 | <0.087 | <5.1 | 10 |
| LV-10-10 | 10 | <0.076 | <4.8 | <4.8 |
| LV-11-1 | 1 | <0.074 | <5 | <5 |
| LV-11-1-DUP | 1 | <0.074 | -- | -- |

Table 3 - Soil Analytical Test Results - Total Petroleum Hydrocarbons
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | TPH (mg/kg) | | |
|---|---|---|---|---|
| | | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| LV-11-2.5 | 2.5 | -- | 7.5 | <5.1 |
| LV-11-5 | 5 | 0.19 | <4.9 | <4.9 |
| LV-11-7.5 | 7.5 | -- | <4.9 | <4.9 |
| LV-11-10 | 10 | <0.09 | <5.2 | <5.2 |
| LV-12-1 | 1 | <0.067 | 5.1 | <4.7 |
| LV-12-2.5 | 2.5 | -- | <5.2 | <5.2 |
| LV-12-5 | 5 | <0.081 | <4.8 | <4.8 |
| LV-12-7.5 | 7.5 | -- | <5 | <5 |
| LV-12-10 | 10 | <0.077 | <5 | <5 |
| LV-13-1 | 1 | 0.17 | 27 | 22 |
| LV-13-2.5 | 2.5 | -- | <5 | 17 |
| LV-13-5 | 5 | <0.09 | 8 | 11 |
| LV-13-7.5 | 7.5 | -- | <4.8 | <4.8 |
| LV-13-10 | 10 | <0.1 | 10 | 14 |
| LV-14A-1 | 1 | 0.16 | 530 | 1500 |
| LV-14A-2.5 | 2.5 | -- | 19 | 32 |
| LV-14A-5 | 5 | <0.087 | 15 | 16 |
| LV-14A-7.5 | 7.5 | -- | 10 | 13 |
| LV-14A-10 | 10 | <0.092 | 5.1 | 7.1 |
| LV-14B-2 | 2 | -- | 160 | 440 |
| LV-15-1 | 1 | <0.071 | 23 | 120 |
| LV-15-2.5 | 2.5 | -- | <5 | 29 |
| LV-15-5 | 5 | <0.089 | <4.9 | <4.9 |
| LV-15-7.5 | 7.5 | -- | <5.2 | <5.2 |
| LV-15-10 | 10 | <0.096 | <4.9 | <4.9 |
| LV-16-1 | 1 | <0.07 | 8.4 | 5.3 |
| LV-16-2.5 | 2.5 | -- | <5.2 | 83 |
| LV-16-5 | 5 | <0.86 | 6.2 | 7.5 |
| LV-16-7.5 | 7.5 | -- | <5.2 | <5.2 |
| LV-16-10 | 10 | <0.097 | <4.9 | <4.9 |
| LV-17-1 | 1 | <0.11 | 20 | 120 |
| LV-17-2.5 | 2.5 | -- | 2400 | 7300 |
| LV-17-5 | 5 | 270 | 800 | 2900 |
| LV-17-7.5 | 7.5 | -- | 14 | 63 |
| LV-17-10 | 10 | <0.099 | <4.7 | 11 |
| LV-18-1 | 1 | <0.091 | 9.7 | 120 |
| LV-18-2.5 | 2.5 | -- | <4.9 | 46 |
| LV-18-5 | 5 | <0.089 | <5 | <5 |
| LV-18-7.5 | 7.5 | -- | 6.9 | 8 |
| LV-18-10 | 10 | <0.1 | 7.1 | 9.8 |
| LV-18-10-DUP | 10 | <0.083 | -- | -- |
| LV-19-1 | 1 | <0.085 | 11 | 84 |
| LV-19-2.5 | 2.5 | -- | 8 | 63 |
| LV-19-5 | 5 | <0.078 | <4.9 | 9.3 |
| LV-19-7.5 | 7.5 | -- | 5.4 | 8.6 |
| LV-19-10 | 10 | <0.092 | 7.8 | 16 |

Notes:
-- = not analyzed
< "X" = not detected above the method detection limit or reporting limit "X"
mg/kg = milligrams per kilogram

Table 4 - Soil Analytical Test Results - Volatile Organic Compounds
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethene, cis | 1,2-Dichloroethene, trans | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 2-Butanone | 4-Methyl-2-Pentanone | Acetone | Benzene | Bromomethane | Ethylbenzene | Isopropylbenzene | MTBE | Naphthalene | Tetrachloroethene | Toluene | Trichloroethene | Vinyl Chloride | Xylenes, total |
| HP-2 | 10 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | <91 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 5.3 | <4.5 | <4.5 | <4.5 | <4.5 |
| HP-3 | 10 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <130 | <6.6 | <130 | 1 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | 14 | <6.6 | 1.7 | <6.6 | <6.6 |
| HP-4 | 10 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 0.94 | <5.3 | <5.3 | 0.35 |
| SB-1 | 2 | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 4.1 | <3.9 | <78 | 3.7 | <3.9 | 0.47 | <3.9 | <3.9 | 0.21 | 0.4 | 2.5 | <3.9 | <3.9 | 0.99 |
| SB-1 | 5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 3.7 | <4.5 | <89 | 0.57 | <4.5 | 0.21 | <4.5 | <4.5 | 0.16 | <4.5 | 0.22 | <4.5 | <4.5 | 1.1 |
| SB-2 | 2 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 15 | <4.9 | 110 | 9.2 | <4.9 | 0.89 | <4.9 | <4.9 | 0.37 | <4.9 | 5.9 | <4.9 | <4.9 | 1.5 |
| SB-2 | 5 | <5 | <5 | <5 | <5 | <5 | <5 | 8.7 | <5 | 68 | 9.8 | <5 | 0.61 | <5 | <5 | <5 | <5 | 4.6 | <5 | <5 | 0.91 |
| SB-3 | 10 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 1.5 | <4.5 | <91 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.91 | <4.5 | <4.5 | <4.5 |
| SB-4 | 2 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 10 | <4.8 | 63 | 6.4 | <4.8 | 0.49 | <4.8 | <4.8 | <4.8 | <4.8 | 3.2 | <4.8 | <4.8 | 1.2 |
| SB-4 | 5 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 | <4.2 | <4.2 | 11 | <4.2 | 0.36 | <4.2 | <4.2 | <4.2 | <4.2 | 4 | <4.2 | <4.2 | 0.77 |
| SB-5 | 2 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 15 | 1.7 | 140 | 13 | <5.3 | 2.5 | <5.3 | <5.3 | <5.3 | 1.5 | 25 | 0.26 | <5.3 | 8.4 |
| SB-5 | 5 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 4.3 | <4.9 | <4.9 | 0.96 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 0.35 | 8 | <4.9 | <4.9 | <4.9 |
| SB-6 | 2 | <3.9 | <3.9 | <3.9 | <3.9 | 0.27 | <3.9 | 8.7 | <3.9 | 77 | 7.8 | <3.9 | 1.1 | <3.9 | <3.9 | 0.19 | 0.59 | 6.3 | <3.9 | <3.9 | 1.8 |
| SB-6 | 5 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 7.5 | <6.4 | <6.4 | 2.9 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 0.64 | 0.65 | 1 | <6.4 | <6.4 |
| SB-7 | 2 | <5 | <5 | <5 | <5 | 1.6 | <5 | 15 | <5 | 92 | <5 | 3 | <5 | <5 | <5 | <5 | 0.4 | 0.22 | <5 | <5 | 0.24 |
| SB-7 | 5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 9.2 | <4.5 | 130 | 5.8 | 2.3 | 0.77 | <4.5 | <4.5 | <4.5 | 7.1 | 4.5 | 2.9 | <4.5 | 1.1 |
| SB-8 | 2 | <4 | <4 | <4 | <4 | 3.8 | 2.5 | 28 | <4 | 190 | 4.9 | <4 | 1.4 | 0.95 | <4 | 0.59 | 0.35 | 3.7 | 1.2 | <4 | 3.9 |
| SB-8 | 5 | <4.1 | <4.1 | <4.1 | <4.1 | 0.33 | <4.1 | 8.8 | <4.1 | 50 | 13 | <4.1 | 1.9 | <4.1 | <4.1 | 0.17 | 0.87 | 11 | 0.74 | <4.1 | 2.9 |
| SB-9 | 2 | <4.8 | <4.8 | <4.8 | <4.8 | 0.3 | <4.8 | 18 | <4.8 | 120 | 14 | <4.8 | 1.4 | <4.8 | <4.8 | <4.8 | <4.8 | 9.3 | 0.3 | <4.8 | 2.1 |
| SB-9 | 5 | <5.1 | <5.1 | <5.1 | <5.1 | 0.3 | <5.1 | 5.5 | 0.74 | <5.1 | 4.2 | <5.1 | 0.93 | <5.1 | <5.1 | 0.3 | <5.1 | 4.4 | <5.1 | <5.1 | 1.8 |
| SB-10 | 2 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | 17 | 0.69 | 190 | 8 | 2.8 | 1.2 | <5.6 | <5.6 | 0.24 | 1.3 | 6.3 | 2.8 | <5.6 | 3.1 |
| SB-10 | 5 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 7.2 | <4.9 | <98 | 6.7 | <4.9 | 1.3 | <4.9 | <4.9 | <4.9 | <4.9 | 6.2 | <4.9 | <4.9 | 2.2 |
| SB-11 | 2 | 46 | <240 | 640 | 36 | 1100 | 610 | 880 | 1300 | 1,400 B, | 15 | 200 | 330 | 47 | <240 | 360 | 230 | 5700 | 390 | 100 | 2800 |
| SB-11 | 5 | 0.74 | <4.2 | 3.7 | <4.2 | 0.43 | <4.2 | 12 | 6.2 | 75 | 8.6 | <4.2 | 2 | <4.2 | 0.85 | <4.2 | <4.2 | 8.8 | 2.4 | 0.94 | 3.3 |
| SB-12 | 2 | <4.4 | <4.4 | 2.4 | <4.4 | 0.85 | <4.4 | 10 | <4.4 | 49 | 20 | <4.4 | 4.5 | 0.43 | <4.4 | 0.77 | <4.4 | 20 | 1.7 | <4.4 | 8 |
| SB-12 | 5 | 0.39 | <3.6 | 8.8 | <3.6 | <3.6 | <3.6 | 8.2 | <3.6 | 48 | 5.9 | <3.6 | 0.48 | <3.6 | <3.6 | <3.6 | 0.48 | 3.2 | 6 | <3.6 | 0.23 |
| SB-13 | 2 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 20 | <4.8 | 200 | 1.4 | <4.8 | <4.8 | 78 | <4.8 | <4.8 | 1.1 | 1.5 | 2.6 | <4.8 | <4.8 |
| SB-13 | 5 | <4.5 | <4.5 | 1.5 | <4.5 | <4.5 | <4.5 | 13 | <4.5 | 110 | 9.2 | <4.5 | 1.4 | 2.1 | <4.5 | <4.5 | <4.5 | 6.6 | 2.1 | <4.5 | 2.3 |
| SB-13 | 10 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 5.1 | <4.5 | <91 | 3.3 | <4.5 | 0.53 | <4.5 | <4.5 | <4.5 | <4.5 | 2.4 | <4.5 | <4.5 | 0.29 |
| SB-14 | 2 | 2.4 | 0.23 | <6 | <6 | <6 | <6 | 32 | 5.4 | 170 | 0.59 | <6 | 0.63 | <6 | <6 | 1.4 | 18 | 0.81 | 8.9 | <6 | 1.5 |
| SB-14 | 5 | 3.7 | <5.1 | 2 | <5.1 | 12 | 7.6 | 52 | 6.7 | 310 | 5.6 | 0.37 | 100 | 4.2 | <5.1 | <5.1 | 32 | 7.6 | 6.5 | <5.1 | 100 |
| SB-15 | 2 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 11 | <5.3 | 70 | 0.7 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 0.66 | 0.79 | 3.2 | <5.3 | <5.3 |
| SB-15 | 5 | <6 | <6 | <6 | <6 | <6 | <6 | 10 | <6 | 82 | 0.69 | <6 | <6 | <6 | <6 | <6 | <6 | <6 | <6 | <6 | <6 |
| SB-16 | 2 | 0.63 | <4.6 | <4.6 | <4.6 | 15 | 8.4 | 21 | <4.6 | 160 | 1.4 | <4.6 | 48 | 4 | <4.6 | 3.4 | 1.9 | 11 | 0.61 | <4.6 | 57 |
| SB-16 | 5 | 0.51 | <4.7 | 0.65 | <4.7 | 0.92 | 0.42 | 7.8 | <4.7 | <94 | 9.7 | <4.7 | 2.7 | <4.7 | <4.7 | <4.7 | <4.7 | 9.2 | <4.7 | <4.7 | 6.3 |
| SB-17 | 2 | 34 | <4.1 | 5 | <4.1 | 31 | 12 | 72 | 16 | 500 | 1.3 | <4.1 | 120 | 2.1 | 8.9 | 3.6 | 3.3 | 43 | 13 | 1.1 | 99 |
| SB-17 | 5 | 4.3 | <5.3 | 1.1 | <5.3 | 8.5 | 3.3 | 19 | 2.6 | 150 | 9.9 | <5.3 | 53 | 0.76 | 15 | 1.4 | <5.3 | 14 | 1 | 0.54 | 40 |
| SB-18 | 2 | 15 | <5.3 | 48 | <5.3 | 0.52 | <5.3 | 17 | <5.3 | 110 | 7.6 | <5.3 | 1.2 | <5.3 | <5.3 | <5.3 | 63 | 5.7 | 130 | 0.51 | 2.4 |
| SB-18 | 5 | 6.1 | <5 | 22 | <5 | <5 | <5 | 5.8 | <5 | <100 | 4.6 | <5 | 0.64 | <5 | <5 | <5 | 4.1 | 3.3 | 15 | 0.94 | 0.33 |
| SB-19 | 2 | 21 | <7.8 | 8.6 | 0.82 | 8.3 | 4 | 17 | 4.4 | 210 | 21 | <7.8 | 23 | 1.9 | <7.8 | <7.8 | 1.1 | 65 | 3 | 30 | 83 |

Table 4 - Soil Analytical Test Results - Volatile Organic Compounds
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethene, cis | 1,2-Dichloroethene, trans | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 2-Butanone | 4-Methyl-2-Pentanone | Acetone | Benzene | Bromomethane | Ethylbenzene | Isopropylbenzene | MTBE | Naphthalene | Tetrachloroethene | Toluene | Trichloroethene | Vinyl Chloride | Xylenes, total |
| SB-19 | 5 | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | 5 | <4.6 | <93 | 3.3 | <4.6 | 1.5 | <4.6 | <4.6 | <4.6 | <4.6 | 6.2 | <4.6 | <4.6 | 4.7 |
| SB-20 | 2 | 3.1 | <100 | 1.2 | 0.43 | 100 | 30 | 23 | <100 | <100 | 4.4 | 2.5 | 40 | 6.3 | <100 | 5.8 | 0.3 | 55 | 1.5 | 10 | 60 |
| SB-20 | 5 | <5 | <5 | <5 | <5 | 1.5 | 0.58 | 7.3 | <5 | 58 | 1.1 | <5 | <5 | <5 | <5 | 2.1 | <5 | 0.66 | <5 | <5 | <5 |
| SB-21 | 2 | <5 | <5 | <5 | <5 | 0.8 | <5 | 42 | 46 | 180 | <5 | <5 | <5 | <5 | <5 | 1 | <5 | 0.7 | <5 | <5 | 1.6 |
| SB-21 | 5 | <1000 | <1000 | 110 | <1000 | 13000 | 3500 | 380 | <1000 | <20000 | 110 | <1000 | 12000 | 1200 | <1000 | 730 | 4100 | 49000 | 1200 | <1000 | 75000 |
| SB-21 | 10 | 3.2 | <4.8 | 0.38 | <4.8 | 1 | 0.25 | 17 | <4.8 | 57 | 2.6 | <4.8 | 3.4 | <4.8 | 0.36 | 0.49 | 0.3 | 5.8 | 0.3 | 1.2 | 14 |
| SB-22 | 2 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | 5.6 | <4.4 | <88 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | 0.63 | <4.4 | <4.4 | <4.4 |
| SB-22 | 5 | <5.2 | <5.2 | <5.2 | <5.2 | 1 | 0.33 | 8.8 | 0.82 | 67 | 13 | <5.2 | 3.7 | 0.34 | <5.2 | 0.66 | <5.2 | 16 | <5.2 | <5.2 | <5.2 |
| SB-23 | 2 | <1500 | <1500 | <1500 | <1500 | 33000 | 9900 | 1800 | 3200 | <30000 | <1500 | ND,1,500 | 4100 | 500 | <1500 | 6300 | 69 | 2400 | <1500 | <1500 | 33000 |
| SB-23 | 5 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 7.1 | <5.7 | <110 | 7.1 | <5.7 | 1.1 | <5.7 | <5.7 | 0.31 | <5.7 | 5.6 | <5.7 | <5.7 | 2.1 |
| SB-24 | 2 | <5.8 | <5.8 | <5.8 | <5.8 | 0.39 | <5.8 | 14 | <5.8 | <5.8 | 9.5 | <5.8 | 1.3 | <5.8 | <5.8 | 0.19 | 2.2 | 8.4 | <5.8 | <5.8 | 2.1 |
| SB-24 | 5 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | 6.6 | <5.6 | <110 | 8.2 | <5.6 | 1.1 | <5.6 | <5.6 | <5.6 | 0.98 | 6.3 | <5.6 | <5.6 | 1.9 |
| SB-25 | 2 | <4.9 | <4.9 | <4.9 | <4.9 | 0.3 | <4.9 | 10 | <4.9 | 90 | 1.6 | <4.9 | 49 | 0.68 | <4.9 | 0.4 | 0.38 | <4.9 | <4.9 | <4.9 | 230 |
| SB-25 | 5 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 3.2 | <4.8 | <96 | 0.89 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 1.5 | 0.5 | <4.8 | <4.8 | <4.8 |
| SB-26 | 2 | <7.1 | <7.1 | <7.1 | <7.1 | 0.5 | <7.1 | 14 | <7.1 | 110 | 14 | <7.1 | 1.9 | <7.1 | <7.1 | <7.1 | 44 | 11 | 3.3 | <7.1 | 2.8 |
| SB-26 | 5 | <6.8 | <6.8 | <6.8 | <6.8 | 0.54 | <6.8 | 35 | 1.1 | <100 | 3.7 | <6.8 | 0.41 | <6.8 | <6.8 | <6.8 | 10 | 3.4 | 0.83 | <6.8 | 1.3 |
| SB-27 | 2 | <4.8 | <4.8 | 0.22 | <4.8 | <4.8 | <4.8 | 5.1 | <4.8 | <96 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 5.7 | 0.32 | 7.5 | <4.8 | <4.8 |
| SB-27 | 5 | 1.6 | <5.4 | 2.5 | <5.4 | 0.35 | <5.4 | 6.8 | 0.19 | <5.4 | 9.8 | 2.6 | 1.6 | <5.4 | <5.4 | 0.24 | 6.3 | 7.9 | 10 | <5.4 | 2.6 |
| SB-28 | 2 | 0.62 | <6 | 2.4 | <6 | <6 | <6 | 5.7 | 0.21 | <120 | <6 | 2.9 | <6 | <6 | <6 | <6 | 52 | 0.54 | 21 | <6 | <6 |
| SB-28 | 5 | 0.23 | <4.2 | 2.3 | <4.2 | <4.2 | <4.2 | 3.3 | <4.2 | <83 | 4 | <4.2 | 0.73 | <4.2 | <4.2 | 0.19 | 24 | 3.7 | 3.7 | <4.2 | 1.2 |
| SB-29 | 2 | <4.3 | <4.3 | 0.21 | <4.3 | <4.3 | <4.3 | 26 | <4.3 | 130 | 0.38 | 2 | 0.29 | <4.3 | <4.3 | 0.15 | 140 | 0.41 | 11 | <4.3 | 1.3 |
| SB-29 | 5 | 0.39 | <6.1 | 1.1 | <6.1 | <6.1 | <6.1 | 5 | <6.1 | <120 | 5.4 | <6.1 | 0.66 | <6.1 | <6.1 | <6.1 | 92 | 3.7 | 10 | <6.1 | 1.2 |
| SB-30 | 2 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 8.2 | <5.7 | 63 | 0.37 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 4.8 | 0.46 | 0.48 | <5.7 | 0.89 |
| SB-30 | 5 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 7.9 | <4.2 | <83 | 8.9 | <4.2 | 0.55 | <4.2 | <4.2 | <4.2 | 37 | 4.2 | 4.5 | <4.2 | 0.77 |
| SB-31 | 2 | <6 | <6 | <6 | <6 | <6 | <6 | 7.6 | <6 | <120 | 0.27 | <6 | <6 | <6 | <6 | <6 | 11 | <6 | 0.29 | <6 | <6 |
| SB-31 | 5 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 5.6 | <5.4 | <110 | 1.9 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 39 | 0.35 | 2.4 | <5.4 | <5.4 |
| SB-32 | 2 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 4.6 | 0.34 | <130 | 0.24 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 8 | <6.4 | <6.4 | <6.4 | <6.4 |
| SB-32 | 5 | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | 7.4 | ND | 56 | 2.8 | <4.7 | <4.7 | <4.7 | <4.7 | ND | 45 | 0.55 | 1.8 | <4.7 | <4.7 |
| SB-33 | 2 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 7.6 | <4.8 | 50 | 11 | <4.8 | 0.99 | <4.8 | <4.8 | <4.8 | 43 | 6.9 | 1.9 | <4.8 | 1.6 |
| SB-33 | 5 | <6 | <6 | <6 | <6 | <6 | <6 | 10 | <6 | <120 | 10 | <6 | 0.92 | <6 | <6 | <6 | 35 | 6.1 | 1.6 | <6 | 1.2 |
| LV-1-1 | 1 | <0.8 | <0.8 | <0.8 | <0.8 | <1.6 | <1.6 | <16 | <16 | 18 | 1.6 | <16 | <0.8 | <0.8 | <1.6 | <8 | <0.8 | 0.86 | <1.6 | <0.8 | <1.6 |
| LV-1-5 | 5 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <16 | <16 | <16 | <0.78 | <16 | <0.78 | <0.78 | <1.6 | <7.8 | <0.78 | <0.78 | <1.6 | <0.78 | <1.6 |
| LV-1-10 | 10 | <0.99 | <0.99 | <0.99 | <0.99 | <2 | <2 | <20 | <20 | <20 | <0.99 | <20 | <0.99 | <0.99 | <2 | <9.9 | <0.99 | <0.99 | <2 | <0.99 | <2 |
| LV-2-1 | 1 | <0.83 | <0.83 | <0.83 | <0.83 | <1.7 | <1.7 | <17 | <17 | 22 | 1.7 | <17 | <0.83 | <0.83 | <1.7 | <8.3 | <0.83 | 1.5 | <1.7 | <0.83 | <1.7 |
| LV-2-5 | 5 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <18 | <18 | 37 | 1.9 | <18 | <0.91 | <0.91 | <1.8 | <9.1 | <0.91 | 1.4 | <1.8 | <0.91 | <1.8 |
| LV-2-10 | 10 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <21 | <21 | <21 | <1.1 | <21 | <1.1 | <1.1 | <2.1 | <11 | <1.1 | <1.1 | <2.1 | <1.1 | <2.1 |
| LV-3-1 | 1 | 0.9 | <0.63 | 2.5 | <0.63 | <1.3 | <1.3 | <13 | <13 | 37 | 1.4 | <13 | <0.63 | <0.63 | <1.3 | <6.3 | 5.4 | 1.2 | 15 | <0.63 | <1.3 |
| LV-3-5 | 5 | 1 | <0.83 | <0.83 | <0.83 | <1.7 | <1.7 | <17 | <17 | 21 | 3.5 | <17 | <0.83 | <0.83 | <1.7 | <8.3 | 1.8 | 2.8 | 3.7 | <0.83 | <1.7 |
| LV-3-10 | 10 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <19 | <19 | 57 | <0.94 | <19 | <0.94 | <0.94 | <1.9 | <9.4 | <0.94 | <0.94 | <1.9 | <0.94 | <1.9 |
| LV-3-10-DUP | 10 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 39 | <0.9 | <18 | <0.9 | <0.9 | <1.8 | <9 | <0.9 | 4.4 | <1.8 | <0.9 | 2 |
| LV-4-1 | 1 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <18 | <18 | 18 | <0.91 | <18 | <0.91 | <0.91 | <1.8 | <9.1 | 4.4 | <0.91 | <1.8 | <0.91 | <1.8 |

Table 4 - Soil Analytical Test Results - Volatile Organic Compounds
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethene, cis | 1,2-Dichloroethene, trans | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 2-Butanone | 4-Methyl-2-Pentanone | Acetone | Benzene | Bromomethane | Ethylbenzene | Isopropylbenzene | MTBE | Naphthalene | Tetrachloroethene | Toluene | Trichloroethene | Vinyl Chloride | Xylenes, total |
| LV-4-5 | 5 | <0.93 | <0.93 | <0.93 | <0.93 | <1.9 | <1.9 | <19 | <19 | <19 | 1 | <19 | <0.93 | <0.93 | <1.9 | <9.3 | <0.93 | <0.93 | <1.9 | <0.93 | <1.9 |
| LV-4-10 | 10 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <19 | <19 | <19 | <0.94 | <19 | <0.94 | <0.94 | <1.9 | <9.3 | <0.94 | <0.94 | 4.9 | <0.94 | <1.9 |
| LV-5-1 | 1 | <0.84 | <0.84 | <0.84 | <0.84 | <1.7 | <1.7 | <17 | <17 | 20 | 1.5 | <17 | <0.84 | <0.84 | <1.7 | <8.4 | 1.4 | 1.1 | <1.7 | <0.84 | <1.7 |
| LV-5-5 | 5 | <0.85 | <0.85 | <0.85 | <0.85 | <1.7 | <1.7 | <17 | <17 | <17 | <0.85 | <17 | <0.85 | <0.85 | <1.7 | <8.5 | <0.85 | <0.85 | <1.7 | <0.85 | <1.7 |
| LV-5-10 | 10 | <1 | <1 | <1 | <1 | <2 | <2 | <20 | <20 | <20 | <1 | <20 | <1 | <1 | <2 | <10 | <1 | <1 | <2 | <1 | <2 |
| LV-5-10-DUP | 10 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <19 | <19 | <19 | <0.97 | <19 | <0.97 | <0.97 | <1.9 | <9.7 | <0.97 | <0.97 | <1.9 | <0.97 | <1.9 |
| LV-6-1 | 1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <21 | <21 | 34 | <1.1 | <21 | <1.1 | <1.1 | <2.1 | <11 | <1.1 | <1.1 | <2.1 | <1.1 | <2.1 |
| LV-6-5 | 5 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 18 | 2.2 | <18 | <0.9 | <0.9 | <1.8 | <9 | 7.7 | 1 | <1.8 | <0.9 | <1.8 |
| LV-6-10 | 10 | <0.8 | <0.8 | <0.8 | <0.8 | <1.6 | <1.6 | <16 | <16 | <16 | <0.8 | <16 | <0.8 | <0.8 | <1.6 | <8 | 1.8 | <0.8 | <1.6 | <0.8 | <1.6 |
| LV-7-1 | 1 | <0.82 | <0.82 | <0.82 | <0.82 | 3.5 | <1.6 | <16 | <16 | 56 | 1.8 | <16 | <0.82 | <0.82 | <1.6 | <8.2 | <0.82 | 1.6 | <1.6 | <0.82 | <1.6 |
| LV-7-5 | 5 | <0.86 | <0.86 | <0.86 | <0.86 | <1.7 | <1.7 | <17 | <17 | 19 | 4.1 | <17 | <0.86 | <0.86 | <1.7 | <8.6 | <0.86 | 3.1 | <1.7 | <0.86 | <1.7 |
| LV-7-10 | 10 | <0.72 | <0.72 | <0.72 | <0.72 | <1.4 | <1.4 | <14 | <14 | <14 | <0.72 | <14 | <0.72 | <0.72 | <1.4 | <7.2 | <0.72 | <0.72 | <1.4 | <0.72 | <1.4 |
| LV-8-1 | 1 | 120 | <40 | <40 | <40 | 820 | <81 | <810 | <810 | <810 | <40 | <810 | 1000 | 100 | <81 | <400 | 59 | 2200 | 160 | <40 | 2400 |
| LV-8-5 | 5 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <16 | <16 | <16 | <0.81 | <16 | <0.81 | <0.81 | <1.6 | <8.1 | <0.81 | <0.81 | <1.6 | <0.81 | <1.6 |
| LV-8-10 | 10 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <22 | <22 | <22 | <1.1 | <22 | <1.1 | <1.1 | <2.2 | <11 | <1.1 | <1.1 | <2.2 | <1.1 | <2.2 |
| LV-9-1 | 1 | <0.7 | <0.7 | <0.7 | <0.7 | <1.4 | <1.4 | <14 | <14 | 29 | 3.2 | <14 | <0.7 | <0.7 | <1.4 | <7 | 1.9 | 2.9 | <1.4 | <0.7 | <1.4 |
| LV-9-5 | 5 | <0.88 | <0.88 | <0.88 | <0.88 | <1.8 | <1.8 | <18 | <18 | 35 | 4.5 | <18 | <0.88 | <0.88 | <1.8 | <8.8 | <0.88 | 4.6 | <1.8 | <0.88 | <1.8 |
| LV-9-10 | 10 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <16 | <16 | <16 | <0.79 | <16 | <0.79 | <0.79 | <0.79 | <7.9 | 3.4 | <0.79 | <1.6 | <0.79 | <1.6 |
| LV-9-10-DUP | 10 | <0.74 | <0.74 | <0.74 | <0.74 | <1.5 | <1.5 | <15 | <15 | 17 | 2.2 | <15 | <0.74 | <0.74 | <0.74 | <7.4 | 3.4 | <0.74 | <1.5 | <0.74 | <1.5 |
| LV-10-1 | 1 | <1 | <1 | <1 | <1 | <2 | <2 | <20 | <20 | <20 | <1 | <20 | <1 | <1 | <2 | <10 | <1 | <1 | <2 | <1 | <2 |
| LV-10-5 | 5 | <0.96 | <0.96 | <0.96 | <0.96 | <1.9 | <1.9 | <19 | <19 | 22 | <0.96 | <19 | <0.96 | <0.96 | <1.9 | <9.6 | 1.3 | <0.96 | <1.9 | <0.96 | <1.9 |
| LV-10-10 | 10 | <0.74 | <0.74 | <0.74 | <0.74 | <1.5 | <1.5 | <15 | <15 | 140 | 2.7 | <15 | <0.74 | <0.74 | <1.5 | <7.4 | 7.7 | 2.4 | <1.5 | <0.74 | <1.5 |
| LV-11-1 | 1 | <0.73 | <0.73 | <0.73 | <0.73 | <1.5 | <1.5 | <15 | <15 | 54 | 2.9 | <15 | <0.73 | <0.73 | <1.5 | <7.3 | <0.73 | 2.6 | <1.5 | <0.73 | <1.5 |
| LV-11-1-DUP | 1 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <16 | <16 | 100 | 3.5 | <16 | <0.81 | <0.81 | <1.6 | <8.1 | <0.81 | 3.3 | <1.6 | <0.81 | <1.6 |
| LV-11-5 | 5 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <16 | <16 | 18 | 7.3 | <16 | 1.4 | <0.79 | <1.6 | <7.9 | <0.79 | 7.2 | <1.6 | <0.79 | 2.8 |
| LV-11-10 | 10 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <21 | <21 | <21 | <1.1 | <21 | <1.1 | <1.1 | <2.1 | <11 | <1.1 | <1.1 | <2.1 | <1.1 | <2.1 |
| LV-12-1 | 1 | <0.62 | <0.62 | <0.62 | <0.62 | <1.2 | <1.2 | <12 | <12 | 34 | 1.5 | <12 | <0.62 | <0.62 | <1.2 | <6.2 | 2.3 | 1.1 | <1.2 | <0.62 | <1.2 |
| LV-12-5 | 5 | <0.77 | <0.77 | <0.77 | <0.77 | <1.5 | <1.5 | <15 | <15 | 18 | 4.3 | <15 | 0.91 | <0.77 | <1.5 | <7.7 | <0.77 | 4.4 | <1.5 | <0.77 | <1.5 |
| LV-12-10 | 10 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <16 | <16 | <16 | <0.78 | <16 | <0.78 | <0.78 | <1.6 | <7.8 | 4 | <0.78 | <1.6 | <0.78 | <1.6 |
| LV-13-1 | 1 | <0.74 | <0.74 | <0.74 | <0.74 | <1.5 | <1.5 | 24 | <15 | 120 | 1.9 | <15 | <0.74 | <0.74 | <1.5 | <7.4 | <0.74 | 1.8 | 1.7 | <0.74 | <1.5 |
| LV-13-5 | 5 | <0.88 | <0.88 | <0.88 | <0.88 | <1.8 | <1.8 | <18 | <18 | <18 | 2.3 | <18 | <0.88 | <0.88 | <1.8 | <8.8 | <0.88 | 2.6 | <1.8 | <0.88 | <1.8 |
| LV-13-10 | 10 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <22 | <22 | <22 | <1.1 | <22 | <1.1 | <1.1 | <2.2 | <11 | <1.1 | <1.1 | <2.2 | <1.1 | <2.2 |
| LV-14A-1 | 1 | <1 | <1 | <1 | <1 | 8.1 | 4 | 22 | <20 | 160 | <1 | <20 | 11 | <1 | <2 | <10 | <1 | 2.5 | <2 | <1 | 6 |
| LV-14A-5 | 5 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <16 | <16 | 22 | <0.79 | <16 | <0.79 | <0.79 | 1.7 | <7.9 | <0.79 | <0.79 | <1.6 | <0.79 | <1.6 |
| LV-14A-10 | 10 | <1 | <1 | <1 | <1 | <2.1 | <2.1 | <21 | <21 | 34 | <1 | <21 | <1 | <1 | <2.1 | <10 | <1 | <1 | <2.1 | <1 | <2.1 |
| LV-15-1 | 1 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <16 | <16 | <16 | <0.81 | <16 | <0.81 | <0.81 | <1.6 | <8.1 | <0.81 | <0.81 | <1.6 | <0.81 | <1.6 |
| LV-15-5 | 5 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 24 | <0.9 | <18 | <0.9 | <0.9 | <1.8 | <9 | <0.9 | <0.9 | <1.8 | <0.9 | <1.8 |
| LV-15-10 | 10 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 25 | <0.9 | <18 | <0.9 | <0.9 | <1.8 | <9 | <0.9 | <0.9 | <1.8 | <0.9 | <1.8 |
| LV-16-1 | 1 | <0.76 | <0.76 | <0.76 | <0.76 | <1.5 | <1.5 | <15 | <15 | 37 | 1.4 | <15 | <0.76 | <0.76 | <1.5 | <7.6 | <0.76 | 0.93 | <1.5 | <0.76 | <1.5 |
| LV-16-5 | 5 | <0.38 | <0.38 | <0.38 | <0.38 | <0.75 | <0.75 | <7.5 | <7.5 | <7.5 | 1.5 | <7.5 | <0.38 | <0.38 | <0.75 | <7.5 | <0.38 | 1.6 | <0.75 | <0.38 | <0.75 |

Table 4 - Soil Analytical Test Results - Volatile Organic Compounds
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethene, cis | 1,2-Dichloroethene, trans | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | 2-Butanone | 4-Methyl-2-Pentanone | Acetone | Benzene | Bromomethane | Ethylbenzene | Isopropylbenzene | MTBE | Naphthalene | Tetrachloroethene | Toluene | Trichloroethene | Vinyl Chloride | Xylenes, total |
| LV-16-10 | 10 | <0.86 | <0.86 | <0.86 | <0.86 | <1.7 | <1.7 | <17 | <17 | <17 | <0.86 | <17 | <0.86 | <0.86 | <1.7 | <8.6 | <0.86 | <0.86 | <1.7 | <0.86 | <1.7 |
| LV-17-1 | 1 | <1 | <1 | <1 | <1 | <2.1 | <2.1 | <21 | <21 | 21 | <1 | <21 | <1 | <1 | <2.1 | <10 | <1 | <1 | <2.1 | <1 | <2.1 |
| LV-17-5 | 5 | <42 | <42 | <42 | <42 | 6900 | 2700 | <830 | <830 | <830 | <42 | <830 | 100 | <42 | <83 | <420 | <42 | <42 | <83 | <42 | 610 |
| LV-17-10 | 10 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <18 | <18 | 18 | <0.89 | <18 | <0.89 | <0.89 | <1.8 | <8.9 | <0.89 | <0.89 | <1.8 | <0.89 | <1.8 |
| LV-18-1 | 1 | <0.9 | <0.9 | <0.9 | <0.9 | <1.8 | <1.8 | <18 | <18 | 62 | 1.4 | <18 | <0.9 | <0.9 | <1.8 | <9 | <0.9 | <0.9 | <1.8 | <0.9 | <1.8 |
| LV-18-5 | 5 | <0.93 | <0.93 | <0.93 | <0.93 | <1.9 | <1.9 | <19 | <19 | <19 | 5.2 | <19 | <0.93 | <0.93 | <1.9 | <9.3 | 2.5 | 2.9 | <1.9 | <0.93 | <1.9 |
| LV-18-10 | 10 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <18 | <18 | <18 | <0.91 | <18 | <0.91 | <0.91 | <1.8 | <9.1 | <0.91 | <0.91 | <1.8 | <0.91 | <1.8 |
| LV-18-10-DUP | 10 | <0.64 | <0.64 | <0.64 | <0.64 | <1.3 | <1.3 | <13 | <13 | 15 | 2.1 | <13 | <0.64 | <0.64 | <1.3 | <6.4 | 0.99 | 1.7 | <1.3 | <0.64 | <1.3 |
| LV-19-1 | 1 | <1 | <1 | <1 | <1 | <2 | <2 | 26 | <20 | 290 | 1.8 | <20 | <1 | <1 | <2 | <10 | <1 | 1.7 | <2 | <1 | <2 |
| LV-19-5 | 5 | <0.82 | <0.82 | <0.82 | <0.82 | <1.6 | <1.6 | <16 | <16 | <16 | 1.5 | <16 | <0.82 | <0.82 | <1.6 | <8.2 | <0.82 | 1.1 | <1.6 | <0.82 | <1.6 |
| LV-19-10 | 10 | <0.99 | <0.99 | <0.99 | <0.99 | <2 | <2 | <20 | <20 | 29 | <0.99 | <20 | <0.99 | <0.99 | <2 | <9.9 | <0.99 | <0.99 | <2 | <0.99 | <2 |
| HP-1 | 10 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 |

Notes:
-- = not analyzed
< "X" = not detected above the method detection limit or reporting limit "X"
J = Estimated value; concentration above the method detection limit but below the reporting limit
ug/kg = micrograms per kilogram

Table 5 - Comparison of Metals in Soil To Background and Soil Screening Levels
2200 North Rosemead Boulevard
South El Monte, California

| Metal | Maximum Sitewide Concentration (mg/kg)[a] | Soil Background Levels Based on California Air Force Bases | | Residential Soil Screening Levels | | | Selected as a COPC? |
|---|---|---|---|---|---|---|---|
| | | 95th Percentile (mg/kg)[b] | Exceeds Soil Background Levels? | USEPA Soil RSLs (mg/kg) | Note 3 Soil SLs (mg/kg) | Exceeds Soil Screening Levels? | |
| Antimony | 730 | 12.5 | Yes | 31.00 | na | Yes | **Yes** |
| Arsenic | 40 | 10.63 (site-specific) | Yes | 0.68 | 0.11 | Yes | **Yes** |
| Barium | 2200 | 320 | Yes | 15,000 | na | No | No |
| Beryllium | 0.796 | 1.1 | No | 160 | 16 | No | No |
| Cadmium | 15 | 2.2 | Yes | 71.0 | 71.0 | No | No |
| Chromium | 5100 | 49.4 | Yes | 120,000 | 36,000 | No | No |
| Chromium (VI) | 73 | 2.00 | Yes | 0.30 | 0.30 | Yes | **Yes** |
| Cobalt | 35 | 22 | Yes | 23 | na | Yes | **Yes** |
| Copper | 1250 | 53.3 | Yes | 3,100 | na | No | No |
| Lead | 2600 | 25 | Yes | 400 | 80 | Yes | **Yes** |
| Mercury | 2.3 | 0.3 | Yes | 23 | 1.0 | No | No |
| Molybdenum | 480 | 20 | Yes | 390 | na | Yes | **Yes** |
| Nickel | 120 | 41.5 | Yes | 1,500 | 820 | No | No |
| Silver | 5.1 | 2.1 | Yes | 390 | na | No | No |
| Thallium | 1.6 | 25 | No | 0.78 | na | Yes | No |
| Vanadium | 75.3 | 88.3 | No | 390 | na | No | No |
| Zinc | 1770 | 104 | Yes | 23,000 | na | No | No |

Notes:

mg/kg - milligrams per kilogram

a - Maximum concentration from the 0 to 10 foot soil depth below ground surface.

b - Naturally Occurring Concentrations of Inorganic Chemicals in Ground Water and Soil at California Air Force Installations. DTSC

RSL - Regional Screening Level. From Regional Screening Level Table (RSL) Master (EPA, 2021)

Note 3 SLs - Cal-EPA 2020. Human Health Risk Assessment (HHRA) Note Number 3. DTSC-modified Screening Levels. June

na - Not Available

**Bold+Shaded** Indicates the concentrations which exceeded their respective residential soil screening level; therefore, these metals were selected as chemicals of potential concern (COPCs)

Table 6 - Statistical Parameters for Metals Selected as Chemicals of Potential Concern
2200 North Rosemead Boulevard
South El Monte, California

| Statistical Parameters | Metals | | | | |
|---|---|---|---|---|---|
| | Antimony | Arsenic | Cobalt | Lead | Molybdenum |
| Number of Samples | 112 | 123 | 111 | 181 | 119 |
| Number Detected | 21 | 61 | 109 | 122 | 20 |
| Number Non Detected | 91 | 62 | 2 | 59 | 99 |
| Percent Non-Detected | 81.25 | 50.41 | 1.8 | 32.6 | 83.19 |
| Minimum Detected (mg/Kg) | 1.6 | 1.6 | 0.991 | 3.6 | 0.543 |
| Maximum Detected (mg/Kg) | 730 | 40.2 | 35 | 26000 | 480 |
| Mean Concentration (mg/Kg) | 44.44 | 7.38 | 8.581 | 821.1 | 34.99 |
| Median Concentration (mg/Kg) | 2.98 | 5 | 7.8 | 18.5 | 3.075 |
| Standard Deviation | 158 | 6.973 | 5.522 | 3308 | 106.8 |
| Coefficient of Variability | 3.556 | 0.945 | 0.644 | 4.028 | 3.053 |
| 95 Percent Upper Confidence Limit (95UCL) (mg/Kg) | 72.45 | 4.879 | 9.37 | 1443 | 1.67 |

Notes:

mg/Kg = Milligrams per kilogram

NC = Not calculated due to insufficient detections.

Table 7 - Statistical Parameters for PCBs Selected as Chemicals of Potential Concern
2200 North Rosemead Boulevard
South El Monte, California

| Statistical Parameters | Polychlorinated Biphenyls | | |
|---|---|---|---|
| | **Aroclor-1248** | **Aroclor-1254** | **Aroclor-1260** |
| Number of Samples | 106 | 158 | 158 |
| Number Detected | 4 | 33 | 25 |
| Number Non Detected | 102 | 125 | 133 |
| Percent Non-Detected | 96.23 | 79.11 | 84.18 |
| Minimum Detected (mg/Kg) | 0.069 | 0.0667 | 0.073 |
| Maximum Detected (mg/Kg) | 13 | 30.6 | 4 |
| Mean Concentration (mg/Kg) | 3.655 | 4.472 | 0.674 |
| Median Concentration (mg/Kg) | 0.775 | 0.906 | 0.216 |
| Standard Deviation | 6.254 | 8.372 | 1.021 |
| Coefficient of Variability | 1.711 | 1.872 | 1.514 |
| 95 Percent Upper Confidence Limit (95UCL) (mg/Kg) | 0.697 | 0.37 | 0.105 |

Notes:
mg/Kg = Milligrams per kilogram
NC = Not calculated due to insufficient detections.

Table 8 - Statistical Parameters for TPH Fractions Selected as Chemicals of Potential Concern
2200 North Rosemead Boulevard
South El Monte, California

| Statistical Parameters | Total Petroleum Hydrocarbons | | |
|---|---|---|---|
| | TPH-g | TPH-d | TPH-mo |
| Number of Samples | 124 | 144 | 144 |
| Number Detected | 13 | 56 | 104 |
| Number Non Detected | 111 | 88 | 40 |
| Percent Non-Detected | 89.52 | 61.11 | 27.78 |
| Minimum Detected (mg/Kg) | 0.16 | 4.2 | 4.5 |
| Maximum Detected (mg/Kg) | 2600 | 8500 | 33000 |
| Mean Concentration (mg/Kg) | 255 | 511.3 | 917.6 |
| Median Concentration (mg/Kg) | 8.2 | 15.5 | 17 |
| Standard Deviation | 711.1 | 1426 | 3780 |
| Coefficient of Variability | 2.789 | 2.789 | 4.12 |
| 95 Percent Upper Confidence Limit (95UCL) (mg/K | 129.5 | 537.4 | 1841 |

Notes:
mg/Kg = Milligrams per kilogram
NC = Not calculated due to insufficient detections.

Table 9 - Volatilization Emission Factor Calculation
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Soil Parameters | Value Used | Units | Reference |
|---|---|---|---|
| Water filled soil porosity (Theta w) | 3.40E-01 | (Lwater-Lsoil) | Default |
| Total soil porosity (n) | 4.40E-01 | (Lpore-Lsoil) | Default |
| Air filled soil porosity (Theta a) | 1.00E-01 | (Lair-Lsoil) | Default |
| Soil particle density (ps) | 2.69E+00 | $g/cm^3$ | Default |
| Exposure Interval (T) | 9.50E+08 | sec | Default (EPA 1996) |
| Soil Bulk Density (Pb) | 1.5 | $g/cm^3$ | Default |
| Fraction organic carbon in soil | 3.00E-03 | unitless | Default |
| Inverse of mean concentration (Q/C) (for VF) | 68.81 | ($g/m^2$-s per $kg/m^3$) | Default for a 5-acre site in Los Angeles (EPA 1996) |

| Compound | Diffusivity in air (Di) ($cm^2$/sec) | Henry's Law Const (H') (dimensionless) | Diffusivity in water (Dw) ($cm^2$/sec) | Soil-water partition coefficient (Kd) ($cm^3$/g) | Soil organic carbon partition coefficient (Koc) ($cm^3$/g) | Apparent Diffusivity (Da) | Volatilization Factor (VF) |
|---|---|---|---|---|---|---|---|
| **VOCs** | | | | | | | |
| 1,1-Dichloroethane | 7.4E-02 | 2.3E-01 | 1.1E-05 | 1.6E-01 | 5.3E+01 | 7.0E-05 | 1.5E+04 |
| 1,1-Dichloroethylene | 9.0E-02 | 1.1E+00 | 1.0E-05 | 2.0E-01 | 6.5E+01 | 3.1E-04 | 7.0E+03 |
| 1,2-Dichloroethylene (cis) | 7.4E-02 | 1.7E-01 | 1.1E-05 | 1.1E-01 | 3.6E+01 | 6.0E-05 | 1.6E+04 |
| 1,2-Dichloroethylene (trans) | 7.1E-02 | 3.8E-01 | 1.2E-05 | 1.1E-01 | 3.8E+01 | 1.2E-04 | 1.1E+04 |
| 1,2,4-Trimethylbenzene | 7.5E-02 | 2.3E-01 | 7.1E-06 | 1.1E+01 | 3.7E+03 | 2.5E-06 | 7.9E+04 |
| 1,3,5-Trimethylbenzene | 7.5E-02 | 3.2E-01 | 7.1E-06 | 2.5E+00 | 8.2E+02 | 1.4E-05 | 3.3E+04 |
| 2-Butanone | 9.0E-02 | 1.1E-03 | 9.8E-06 | 1.4E-02 | 4.5E+00 | 4.5E-06 | 5.8E+04 |
| 4-methyl-2-pentanone | 7.5E-02 | 5.7E-03 | 7.8E-06 | 4.0E-01 | 1.3E+02 | 2.3E-06 | 8.3E+04 |
| Acetone | 1.2E-01 | 1.6E-03 | 1.1E-05 | 1.7E-03 | 5.8E-01 | 6.1E-06 | 5.0E+04 |
| Benzene | 8.8E-02 | 2.3E-01 | 9.8E-06 | 1.9E-01 | 6.2E+01 | 7.7E-05 | 1.4E+04 |

Table 9 - Volatilization Emission Factor Calculation
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Compound | Diffusivity in air (Di) ($cm^2/sec$) | Henry's Law Const (H') (dimensionless) | Diffusivity in water (Dw) ($cm^2/sec$) | Soil-water partition coefficient (Kd) ($cm^3/g$) | Soil organic carbon partition coefficient (Koc) ($cm^3/g$) | Apparent Diffusivity (Da) | Volatilization Factor (VF) |
|---|---|---|---|---|---|---|---|
| Bromomethane | 7.3E-02 | 2.6E-01 | 1.2E-05 | 2.7E-02 | 9.0E+00 | 1.1E-04 | 1.2E+04 |
| Ethylbenzene | 7.5E-02 | 3.2E-01 | 7.8E-06 | 6.1E-01 | 2.0E+02 | 4.6E-05 | 1.8E+04 |
| Isopropylbenzene | 7.5E-02 | 4.9E+01 | 7.1E-06 | 6.6E-01 | 2.2E+02 | 1.4E-03 | 3.3E+03 |
| MTBE | 8.1E-02 | 2.4E-02 | 9.4E-05 | 3.5E-02 | 1.2E+01 | 4.6E-05 | 1.8E+04 |
| Naphthalene | 5.9E-02 | 2.0E-02 | 7.5E-06 | 3.6E+00 | 1.2E+03 | 6.7E-07 | 1.5E+05 |
| Tetrachloroethylene | 7.2E-02 | 7.5E-01 | 8.2E-06 | 8.0E-01 | 2.7E+02 | 8.1E-05 | 1.4E+04 |
| Toluene | 8.7E-02 | 2.7E-01 | 8.6E-06 | 4.2E-01 | 1.4E+02 | 5.8E-05 | 1.6E+04 |
| Trichloroethylene | 7.9E-02 | 4.2E-01 | 9.1E-06 | 2.8E-01 | 9.4E+01 | 1.0E-04 | 1.2E+04 |
| Vinyl chloride | 1.1E-01 | 1.1E+00 | 1.2E-06 | 5.6E-02 | 1.9E+01 | 5.3E-04 | 5.4E+03 |
| Xylenes, total | 7.0E-02 | 3.0E-01 | 7.8E-06 | 5.9E-01 | 2.0E+02 | 4.1E-05 | 1.9E+04 |

VOC Equation:

$VF = Q/C * ((3.14 * D_a * T)^{1/2} * 10^{-4})/(2 * Pb * D_a))$

Table 10 - Exposure Parameters for Onsite Receptors
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Exposure/Site Specific Parameters | Units | Exposure Parameters | | |
|---|---|---|---|---|
| | | Construction Worker | Non-Intrusive Worker | Source |
| Soil Ingestion Rate (IR-S) | mg/day | 330 | 100 | HERO 2019 |
| Skin Surface Area (SA) | $cm^2$/day | 6,032 | 6,032 | HERO 2019 |
| Skin Adsorption Factor (ABS) | unitless | chem-specific | chem-specific | DTSC 1994/EPA 1997 |
| Adherence Factor (AF) | $mg/cm^2$ | 0.80 | 0.20 | HERO 2019 |
| Fraction of Soil Exposed (FE) | unitless | 1 | 1 | Default |
| Inhalation Rate of Air (IR-A) | $m^3$/day | 20 | 14 | HERO 2019 |
| Exposure Frequency (EF) | days/year | 250 | 250 | HERO 2019 |
| Exposure Frequency (dermal; EFd) | days/year | 250 | 250 | HERO 2019 |
| Exposure Duration (ED) | years | 0.25 | 25 | HERO 2019 |
| Exposure Time (ET) | hours | 8 | 8 | HERO 2019 |
| Conversion Factor (CF) | kg/mg | 1.0E-06 | 1.0E-06 | -- |
| Body Weight (BW) | kg | 80 | 80 | HERO 2019 |
| Averaging Time for Noncarcinogens ($AT_n$) | days | 91 | 9,125 | EPA 1989 (ED*365 days/yr) |
| Averaging Hours for Noncarcinogens ($AT_n$) | hours | 2,190 | 219,000 | EPA 1989 (ED*365 days/yr) |
| Averaging Time for Carcinogens ($AT_c$) | days | 25,550 | 25,550 | EPA 1989 |
| Averaging Hours for Carcinogens ($AT_c$) | hours | 613,200 | 613,200 | EPA 1989 |

Table 11 - Toxicity Criteria for Chemicals of Potential Concern
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Chemical | Chronic Oral Reference Dose (RfDo) (mg/kg-day) | Inhalation Reference Concentration (RfCi) ($ug/m^3$) | Oral Cancer Slope Factor (CSFo) $(mg/kg\text{-}day)^{-1}$ | Inhalation Unit Risk (IUR) $(ug/m^3)^{-1}$ |
|---|---|---|---|---|
| ***Metals*** | | | | |
| Antimony | 4.0E-04 | NA | NA | NA |
| Cobalt | 3.0E-04 | 6.0E-03 | NA | 9.0E-03 |
| Chromium (VI) | 3.0E-03 | 1.0E-01 | 5.0E-01 | 1.5E-01 |
| Molybdenum | 5.0E-03 | NA | NA | NA |
| ***PCBs*** | | | | |
| Aroclor 1248 | NA | NA | 2.0E+00 | 5.7E-04 |
| Aroclor 1254 | 2.0E-05 | 8.0E-02 | 2.0E+00 | 5.7E-04 |
| Aroclor 1260 | NA | NA | 2.0E+00 | 5.7E-04 |
| Aroclor 1262 | NA | NA | 2.0E+00 | 5.7E-04 |
| Aroclor 1268 | NA | NA | 2.0E+00 | 5.7E-04 |
| ***TPH*** | | | | |
| TPH (aromatic high) | 4.0E-02 | NA | NA | NA |
| TPH (aliphatic high) | 3.0E+00 | NA | NA | NA |
| TPH (aliphatic low) | NA | 6.0E+02 | NA | NA |
| TPH (aromatic low) | 4.0E-03 | 3.0E+01 | NA | NA |
| TPH (aromatic medium) | 4.0E-03 | 3.0E+00 | NA | NA |
| TPH (aliphatic medium) | 1.0E-02 | 1.0E+02 | NA | NA |
| ***VOCs*** | | | | |
| 1,1-Dichloroethane | 2.0E-01 | 8.0E+02 | 5.7E-03 | 1.6E-06 |
| 1,1-Dichloroethylene | 5.0E-02 | 7.0E+01 | NA | NA |
| 1,2-Dichloroethylene (cis) | 2.0E-03 | 8.0E+00 | NA | NA |
| 1,2-Dichloroethylene (trans) | 2.0E-02 | 8.0E+01 | NA | NA |
| 1,2,4-Trimethylbenzene | 1.0E-02 | 6.0E+01 | NA | NA |
| 1,3,5-Trimethylbenzene | 1.0E-02 | 6.0E+01 | NA | NA |
| 2-Butanone | 6.0E-01 | 5.0E+03 | NA | NA |
| 4-Methyl-2-pentanone | NA | 3.0E+03 | NA | NA |
| Acetone | 9.0E-01 | 3.1E+04 | NA | NA |
| Benzene | 4.0E-03 | 3.0E+00 | 1.0E-01 | 2.9E-05 |
| Bromomethane | NA | 9.0E+01 | NA | NA |
| Ethylbenzene | 1.0E-01 | 1.0E+03 | 1.1E-02 | 2.5E-06 |
| Isopropylbenzene | 1.0E-01 | 4.0E+02 | NA | NA |
| MTBE | NA | 3.0E+03 | 1.8E-03 | 2.6E-07 |

Table 11 - Toxicity Criteria for Chemicals of Potential Concern
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| Chemical | Chronic Oral Reference Dose (RfDo) (mg/kg-day) | Inhalation Reference Concentration (RfCi) ($ug/m^3$) | Oral Cancer Slope Factor (CSFo) $(mg/kg\text{-}day)^{-1}$ | Inhalation Unit Risk (IUR) $(ug/m^3)^{-1}$ |
|---|---|---|---|---|
| Naphthalene | 2.0E-02 | 3.0E+00 | 1.2E-01 | 3.4E-05 |
| Tetrachloroethylene | 6.0E-03 | 4.0E+01 | 5.4E-01 | 6.1E-06 |
| Toluene | 8.0E-02 | 3.0E+02 | NA | NA |
| Trichloroethylene | 5.0E-04 | 2.0E+00 | 4.6E-02 | 4.1E-06 |
| Vinyl Chloride | 3.0E-03 | 1.0E+02 | 7.2E-01 | 7.8E-05 |
| Xylenes, total | 2.0E-01 | 1.0E+02 | NA | NA |

Notes:
Values taken from HHRA Note No. 10, 2019

Table 12 - Estimated Cumulative Risks and Hazards that
Could Result from Exposure to Soil and Dust
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Scenario | | | | |
|---|---|---|---|---|---|
| | Worker EPC (mg/kg) | Cancer Risk | | Hazard Index | |
| | | Construction Worker | Non-Intrusive Worker | Construction Worker | Non-Intrusive Worker |
| ***Metals*** | | | | | |
| Antimony | 72.45 | -- | -- | 5.9E-01 | 1.7E-01 |
| Cobalt | 9.37 | 6.9E-08 | 5.2E-09 | 4.6E-01 | 3.0E-02 |
| Chromium (VI) | 73 | 9.4E-06 | 1.3E-05 | 2.5E-01 | 2.3E-02 |
| Molybdenum | 1.67 | -- | -- | 9.6E-04 | 2.9E-04 |
| ***PCBs*** | | | | | |
| Aroclor 1248 | 0.697 | 4.3E-08 | 1.1E-06 | -- | -- |
| Aroclor 1254 | 0.37 | 2.3E-08 | 6.1E-07 | 1.5E-01 | 4.1E-02 |
| Aroclor 1260 | 0.105 | 6.5E-09 | 1.7E-07 | -- | -- |
| Aroclor 1262 | 0.58 | 3.6E-08 | 9.5E-07 | -- | -- |
| Aroclor 1268 | 0.26 | 1.6E-08 | 4.3E-07 | -- | -- |
| ***TPH*** | | | | | |
| TPH (aromatic high) | 920.5 | -- | -- | 1.6E-01 | 4.3E-02 |
| TPH (aliphatic high) | 920.5 | -- | -- | 2.1E-03 | 5.8E-04 |
| TPH (aliphatic low) | 64.75 | -- | -- | 2.5E-05 | 1.9E-08 |
| TPH (aromatic low) | 64.75 | -- | -- | 1.1E-01 | 3.1E-02 |
| TPH (aromatic medium) | 268.7 | -- | -- | 4.9E-01 | 1.3E-01 |
| TPH (aliphatic medium) | 268.7 | -- | -- | 1.9E-01 | 5.1E-02 |
| ***VOCs*** | | | | | |
| 1,1-Dichloroethane | 0.12 | 2.8E-11 | 1.5E-09 | 6.5E-06 | 3.4E-06 |
| 1,1-Dichloroethylene | 0.00023 | -- | -- | 1.4E-07 | 1.2E-07 |
| 1,2-Dichloroethylene (cis) | 0.64 | -- | -- | 3.4E-03 | 1.7E-03 |
| 1,2-Dichloroethylene (trans) | 0.036 | -- | -- | 2.2E-05 | 1.3E-05 |
| 1,2,4-Trimethylbenzene | 33 | -- | -- | 2.5E-02 | 7.8E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | -- | -- | 8.0E-03 | 3.0E-03 |
| 2-Butanone | 1.8 | -- | -- | 2.2E-05 | 7.1E-06 |
| 4-Methyl-2-pentanone | 3.2 | -- | -- | 2.9E-06 | 2.9E-06 |
| Acetone | 0.5 | -- | -- | 3.9E-06 | 1.1E-06 |
| Benzene | 0.11 | 4.6E-10 | 2.6E-08 | 7.8E-04 | 6.4E-04 |
| Bromomethane | 0.2 | -- | -- | 4.4E-05 | 4.4E-05 |

Table 12 - Estimated Cumulative Risks and Hazards that
Could Result from Exposure to Soil and Dust
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Scenario | | | | |
|---|---|---|---|---|---|
| | Worker EPC (mg/kg) | Cancer Risk | | Hazard Index | |
| | | Construction Worker | Non-Intrusive Worker | Construction Worker | Non-Intrusive Worker |
| Ethylbenzene | 12 | 4.6E-09 | 2.2E-07 | 9.8E-04 | 3.8E-04 |
| Isopropylbenzene | 1.2 | -- | -- | 2.9E-04 | 2.3E-04 |
| MTBE | 0.015 | 8.4E-13 | 3.5E-11 | 6.2E-08 | 6.2E-08 |
| Naphthalene | 6.3 | 2.0E-08 | 6.3E-07 | 5.4E-03 | 3.8E-03 |
| Tetrachloroethylene | 4.1 | 7.3E-08 | 2.0E-06 | 7.9E-03 | 3.3E-03 |
| Toluene | 49 | -- | -- | 6.5E-03 | 3.4E-03 |
| Trichloroethylene | 1.2 | 1.7E-09 | 7.0E-08 | 2.8E-02 | 1.6E-02 |
| Vinyl Chloride | 0.1 | 3.0E-09 | 1.7E-07 | 2.7E-04 | 1.1E-04 |
| Xylenes, total | 75 | -- | -- | 1.1E-02 | 9.5E-03 |
| **TOTAL RISKS and HAZARDS** | | **9.6E-06** | **2.0E-05** | **2.5E+00** | **5.7E-01** |

Notes:

" -- " Not Applicable

Includes Incidental Soil Ingestion, Dermal Contact, and Fugitive Dust Inhalation for COPCs

EPC: Exposure Point Concentration in milligrams per kilogram used in the risk and hazard calculations

Table 13 - Risk-Based Concentrations for Soil
2200 North Rosemead Boulevard
South El Monte, California

| Chemical Name | Background[a] Concentration in Soil (mg/kg) | Risk-Based Soil Concentrations (RBCs) | | | | Site-Specific Soil Risk-Based Concentration - Lowest RBC - (mg/kg) |
|---|---|---|---|---|---|---|
| | | Protection of Non-Cancer Effects for Construction Workers (mg/kg) | Protection of Non-Cancer Effects for Non-Intrusive Workers (mg/kg) | Protection of Cancer Effects for Construction Workers (mg/kg) | Protection of Cancer Effects for Non-Intrusive Workers (mg/kg) | |
| ***Metals*** | | | | | | |
| Antimony | 12.5 | 123.5 | 416.9 | NA | NA | 123.51 |
| Arsenic[b] | 10.63 | NA | NA | NA | NA | NA |
| Cobalt | 22 | 20.5 | 309.9 | 1,362.7 | 17,932.7 | 20.47 |
| Chromium (VI) | 2 | 297.4 | 3,109.9 | 78.1 | 55.4 | 55.36 |
| Lead[c] | 25 | NA | NA | NA | NA | 320.00 |
| Molybdenum | 20 | 1,744.2 | 5,770.4 | NA | NA | 1,744.19 |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | NA | NA | NA | 161.4 | 6.1 | 6.08 |
| Aroclor 1254 | NA | 2.4 | 9.1 | 161.4 | 6.1 | 2.42 |
| Aroclor 1260 | NA | NA | NA | 161.4 | 6.1 | 6.08 |
| Aroclor 1262 | NA | NA | NA | 161.4 | 6.1 | 6.08 |
| Aroclor 1268 | NA | NA | NA | 161.4 | 6.1 | 6.08 |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | NA | 5,749.7 | 21,174.8 | NA | NA | 5,749.73 |
| TPH (aliphatic high) | NA | 431,229.7 | 1,588,107.3 | NA | NA | 431,229.69 |
| TPH (aliphatic low) | NA | 2,628,000.0 | 3,458,448,000.0 | NA | NA | 2,628,000.00 |
| TPH (aromatic low) | NA | 572.5 | 2,117.5 | NA | NA | 572.47 |
| TPH (aromatic medium) | NA | 550.9 | 2,117.2 | NA | NA | 550.87 |
| TPH (aliphatic medium) | NA | 1,432.7 | 5,293.6 | NA | NA | 1,432.73 |

Notes

a = Naturally Occurring Concentrations of Inorganic Chemicals in Ground Water and Soil at California Air Force Installations (Hunter, Davis, Roach, 2004).

b = Site-specific background concentration (See Section 3.2).

c = Soil screening level (DTSC, 2020).

NA = Not applicable

mg/kg = milligrams per kilogram

# APPENDIX A

# LEIGHTON CONSULTING, INC.
# SOIL DATA TABLES

Table A-1: June 2021 and Historical Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| SB-1 | 2 | 8/22/2020 | EEC | 1.8 J | 11 | 200 | 0.60 | <0.51 | 27 | -- | 13 | 73 | 18 | 0.98 J | 22 | <3.0 | <0.51 | <3.0 | 49 | 74 | <0.13 |
| SB-2 | 2 | 8/22/2020 | EEC | <3.1 | 6.8 | 140 | 0.53 | <0.51 | 18 | -- | 8.7 | 28 | 8.1 | <1.0 | 14 | <3.1 | <0.51 | <3.1 | 38 | 48 | 0.38 |
| SB-3 | 2 | 8/21/2020 | EEC | 1.8 J | 9.6 | 230 | 0.68 | <0.51 | 33 | -- | 15 | 39 | 10 | <1.0 | 28 | <3.1 | <0.51 | <3.1 | 53 | 80 | 0.066 J |
| SB-4 | 2 | 8/21/2020 | EEC | 1.9 J | 7.4 | 200 | 0.64 | <0.51 | 32 | -- | 14 | 42 | 10 | <1.0 | 26 | <3.0 | <0.51 | <3.0 | 50 | 75 | 0.055 J |
| SB-5 | 2 | 8/21/2020 | EEC | <2.9 | 8.6 | 160 | 0.47 J | <0.51 | 24 | -- | 10 | 30 | 7.2 | <0.97 | 20 | <2.9 | <0.49 | <2.9 | 41 | 54 | 0.069 J |
| SB-6 | 2 | 8/22/2020 | EEC | <2.8 | 3.3 | 79 | 0.26 J | <0.46 | 12 | -- | 6.4 | 20 | 6.2 | 0.87 J | 9.5 | <2.8 | <0.46 | <2.8 | 25 | 37 | <0.13 |
| SB-7 | 2 | 8/22/2020 | EEC | <3.0 | 3.9 | 74 | 0.50 | <0.50 | 12 | -- | 5.5 | 9.9 | 4.8 | <0.99 | 7.8 | <3.0 | <0.50 | <3.0 | 33 | 33 | 0.050 J |
| SB-8 | 2 | 8/21/2020 | EEC | 1.7 J | 4.6 | 170 | 0.37 J | <0.49 | 20 | -- | 9.3 | 43 | 25 | <0.97 | 16 | <2.9 | <0.49 | <2.9 | 37 | 65 | 0.14 |
| SB-9 | 2 | 8/21/2020 | EEC | <3.0 | 5.4 | 190 | 0.66 | <0.50 | 30 | -- | 13 | 36 | 8.5 | <0.99 | 23 | <3.0 | <0.50 | <3.0 | 49 | 69 | 0.063 J |
| SB-10 | 5 | 8/21/2020 | EEC | 2.7 J | 18 | 170 | 0.55 | <0.46 | 25 | -- | 10 | 24 | 8.4 | <0.93 | 18 | <2.8 | <0.46 | <2.8 | 47 | 60 | <0.13 |
| | 10 | 8/21/2020 | EEC | -- | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | EEC | 19 | 6.4 | 180 | 0.34 J | 1.0 | 88 | -- | 10 | 61 | 2,400 | 11 | 15 | <2.8 | 0.28 J | <2.8 | 37 | 160 | 0.86 |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | EEC | 1.7 J | 6.6 | 200 | 0.55 | <0.50 | 26 | -- | 13 | 30 | 8.3 | 0.80 J | 21 | <3.0 | <0.50 | <3.0 | 47 | 65 | 0.074 J |
| SB-13 | 2 | 8/21/2020 | EEC | 29 | 7.9 | 310 | 0.42 J | 0.81 | 110 | -- | 8.1 | 54 | 2,300 | 18 | 16 | <3.2 | 1.4 | <3.2 | 28 | 110 | 0.33 |
| | 15 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-14 | 5 | 8/21/2020 | EEC | <2.8 | 9.7 | 150 | 0.47 | <0.47 | 23 | -- | 9.9 | 25 | 31 | <0.94 | 17 | <2.8 | <0.47 | <2.8 | 39 | 52 | <0.12 |
| SB-15 | 2 | 8/22/2020 | EEC | 4.8 | 7.9 | 110 | 0.23 J | 0.98 | 38 | -- | 7.2 | 38 | 390 | 4.0 | 17 | <3.2 | 0.90 | <3.2 | 24 | 140 | 0.32 |
| | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | EEC | 13 | 8.1 | 2,200 | 0.32 J | 15 | 2,000 | -- | 31 | 230 | 13,000 | 91 | 36 | <3.1 | 0.34 J | <3.1 | 31 | 1,100 | 1.1 |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-17 | 2 | 8/22/2020 | EEC | 1.6 | 4.8 | 130 | 0.40 J | <0.49 | 19 | -- | 9.7 | 35 | 11 | 5.8 | 16 | <2.9 | <0.49 | <2.9 | 38 | 58 | 0.047 J |
| | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | EEC | <3.0 | 1.6 | 29 | 0.19 J | <0.50 | 6.6 | -- | 3.8 | 8.9 | 4.5 | <1.0 | 5.0 | <3.0 | <0.50 | <3.0 | 19 | 24 | 0.076 J |
| SB-19 | 2 | 8/21/2020 | EEC | 79 | 21 | 840 | 0.28 J | 4.0 | 5,100 | -- | 35 | 920 | 26,000 | 480 | 120 | <2.8 | <0.47 | 1.6 J | 12 | 830 | 2.3 |
| | 5 | 8/21/2020 | EEC | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | 4.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | EEC | 6.9 | 3.2 | 400 | 0.20 J | 0.13 J | 28 | -- | 6.5 | 23 | 520 | 5.0 | 8.6 | <3.1 | <0.51 | <3.1 | 25 | 74 | 0.081 J |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-21 | 2 | 8/21/2020 | EEC | <2.9 | 5.0 | 110 | 0.38 J | <0.48 | 18 | -- | 8.3 | 18 | 5.9 | <0.96 | 14 | <2.9 | <0.48 | <2.9 | 36 | 43 | <0.14 |
| SB-22 | 2 | 8/21/2020 | EEC | <2.8 | 3.3 | 110 | 0.19 J | 0.19 J | 13 | -- | 6.1 | 18 | 50 | <0.94 | 8.4 | <2.8 | <0.47 | <2.8 | 24 | 45 | 0.055 J |
| SB-23 | 2 | 8/21/2020 | EEC | 730 | 23 | 280 | 0.40 J | 5.0 | 180 | -- | 17 | 110 | 4,100 | 36 | 26 | <2.8 | 0.59 | <2.8 | 26 | 540 | 0.91 |
| | 5 | 8/21/2020 | EEC | 1.7 J | 4.0 | -- | -- | -- | -- | -- | -- | -- | 5.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | EEC | 4.0 | 5.3 | 110 | 0.37 J | <0.46 | 17 | -- | 7.8 | 22 | 140 | <0.93 | 13 | <2.8 | <0.46 | <2.8 | 35 | 66 | 0.041 J |
| SB-25 | 2 | 8/21/2020 | EEC | 1.6 J | 7.0 | 110 | 0.37 J | <0.47 | 18 | -- | 8.4 | 23 | 110 | <0.93 | 14 | <2.8 | <0.47 | <2.8 | 37 | 100 | 0.097 J |
| SB-26 | 2 | 8/21/2020 | EEC | 1.9 J | 14 | 270 | 0.65 | <0.50 | 30 | -- | 14 | 34 | 9.3 | <0.99 | 24 | <3.0 | <0.50 | <3.0 | 54 | 72 | 0.051 J |
| | 5 | 8/21/2020 | EEC | -- | 6.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | EEC | <3.1 | 2.2 | 77 | 0.18 J | 0.12 J | 18 | -- | 5.2 | 15 | 100 | 0.70 J | 14 | <3.1 | 5.1 | <3.1 | 25 | 77 | 0.080 J |
| SB-28 | 2 | 8/21/2020 | EEC | <3.2 | 3.1 | 76 | 0.48 J | <0.53 | 15 | -- | 4.9 | 11 | 15 | 0.94 J | 9.3 | <3.2 | <0.53 | <3.2 | 31 | 34 | 0.11 J |
| SB-29 | 2 | 8/21/2020 | EEC | <2.6 | 2.1 | 74 | 0.16 J | <0.44 | 15 | -- | 4.5 | 9.3 | 47 | <0.88 | 14 | <2.6 | 0.20 J | <2.6 | 27 | 46 | 0.048 J |
| SB-30 | 2 | 8/22/2020 | EEC | <3.3 | 2.7 | 59 | 0.25 J | <0.56 | 8.7 | -- | 3.8 | 9.8 | 6.1 | <0.66 | 7.0 | <3.3 | <3.3 | <3.3 | 20 | 27 | <0.12 |
| SB-31 | 2 | 8/22/2020 | EEC | <2.6 | 5.0 | 85 | 0.67 | <0.43 | 19 | | 9.3 | 32 | 19 | <0.86 | 15 | <2.6 | <0.43 | <2.6 | 44 | 63 | 0.058 J |
| SB-32 | 2 | 8/22/2020 | EEC | <3.3 | 4.3 | 87 | 0.36 J | <0.56 | 12 | | 6.7 | 19 | 12 | <1.1 | 14 | <3.3 | <0.56 | <3.3 | 34 | 49 | 0.055 J |
| SB-33 | 2 | 8/22/2020 | EEC | <2.7 | 6.9 | 170 | 0.55 | <0.45 | 24 | | 11 | 47 | 12 | <0.89 | 18 | <2.7 | <0.45 | <2.7 | 45 | 68 | <0.13 |
| EFI1-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 62.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI2-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 791 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI3-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI4-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 137 | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI5-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 686 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 13.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 36.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 506 | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 41.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 702 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 57.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 71 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.36 | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 34.6 | -- | -- | -- | -- | -- | -- | -- | -- |

Table A-1: June 2021 and Historical Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| B5-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92.4 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 19,900 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 662 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 668 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 23.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 15.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9,790 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 111 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 30 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 24.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 170 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4,470 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 52.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1,210 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 775 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 473 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 61.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2,330 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 306 | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| LV-1-1 | 1 | 06/23/2021 | LCI | <2.91 | <2.43 | 27.8 | <0.243 | <0.485 | 1.84 | -- | <0.971 | 3.4 | <4.85 | <0.485 | 0.491 | <4.85 | <0.971 | <4.85 | 11.1 | <9.71 | 0.19 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <2.97 | 2.71 | 47.8 | <0.248 | <0.495 | 4.06 | -- | 1.8 | 3.18 | <4.95 | <0.495 | 11.5 | <4.95 | <0.990 | <4.95 | 4.21 | <9.90 | <0.0833 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <2.99 | 3.54 | 187 | 0.436 | <0.498 | 10.7 | -- | 5.39 | 14.5 | 12.1 | <0.498 | 24.4 | <4.98 | <0.995 | <4.98 | 16.3 | 19.3 | 0.241 |
| LV-1-15 | 15 | 06/23/2021 | LCI | <3.00 | 4.09 | 252 | 0.606 | <0.500 | 16.1 | -- | 7.74 | 17.7 | 5.23 | <0.500 | 32.4 | <5.00 | <1.00 | <5.00 | 23.4 | 23 | <0.0847 |
| LV-1-20 | 20 | 06/23/2021 | LCI | <2.91 | 2.55 | 41.2 | <0.243 | <0.485 | 2.68 | -- | 1.48 | 3.82 | <4.85 | <0.485 | 6.3 | <4.85 | <0.971 | <4.85 | 4.22 | <9.71 | 0.112 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <2.88 | <2.40 | 51.7 | 0.345 | <0.481 | 8.22 | -- | 4.73 | 7.92 | <4.81 | <0.481 | 7.4 | <4.81 | <0.962 | <4.81 | 17.6 | 22.4 | <0.0820 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <3.16 | 4.84 | 25.4 | <0.263 | <0.526 | 5.58 | -- | 2.66 | 2.47 | <5.26 | <0.526 | 3.88 | <5.26 | <1.05 | <5.26 | 8.13 | 12 | <0.0833 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <2.96 | <2.46 | 52.1 | 0.254 | <0.493 | 7.09 | -- | 8.55 | 5.45 | <4.93 | <0.493 | 6.15 | <4.93 | <0.985 | <4.93 | 13.3 | 18.9 | <0.0877 |
| LV-2-15 | 15 | 06/22/2021 | LCI | <3.09 | <2.58 | 36.9 | <0.258 | <0.515 | 5.41 | -- | 4.38 | 5.13 | <5.15 | <0.515 | 4.61 | <5.15 | <1.03 | <5.15 | 10.8 | 14.6 | <0.0847 |
| LV-2-20 | 20 | 06/22/2021 | LCI | <2.93 | <2.44 | 85.1 | <0.244 | <0.488 | 2.32 | -- | 2.82 | 2.18 | <4.88 | <0.488 | 1.57 | <4.88 | <0.976 | <4.88 | 12.4 | 14.4 | <0.0794 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <3.02 | <2.51 | 110 | 0.56 | <0.503 | 89.6 | <400 | 22 | 33.9 | <5.03 | <0.503 | 106 | <5.03 | <1.01 | <5.03 | 41.8 | 43.9 | 0.431 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <2.96 | <2.46 | 88.4 | 0.493 | <0.493 | 67.5 | <400 | 14.8 | 22.9 | <4.93 | <0.493 | 69 | <4.93 | <0.985 | <4.93 | 43 | 30.7 | <0.0862 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <3.08 | <2.56 | 71.1 | 0.479 | <0.513 | 80.7 | <400 | 17.8 | 28.3 | <5.13 | <0.513 | 82 | <5.13 | <1.03 | <5.13 | 44.2 | 32.4 | <0.0794 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <3.13 | <2.60 | 76.8 | <2.60 | <0.521 | 6.51 | -- | 3.32 | 6.90 | <0.521 | <0.521 | 5.84 | <5.21 | <1.04 | <5.21 | 12.3 | 16.1 | <0.0847 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <3.00 | 3.94 | 225 | <0.250 | <0.500 | 9.51 | -- | 3.45 | 7.69 | <5.00 | <0.500 | 6.87 | <5.00 | <1.00 | <5.00 | 17.4 | 20.9 | 0.192 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <2.99 | 6.73 | 182 | 0.408 | <0.498 | 12.4 | -- | 7.78 | 18.4 | <4.98 | <0.498 | 12.4 | <4.98 | <0.995 | <4.98 | 27.2 | 38.8 | <0.0820 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <2.94 | 3.4 | 109 | 0.29 | <0.490 | 7.1 | -- | 3.62 | 7.97 | 7.28 | <0.490 | 15.3 | <4.90 | <0.980 | <4.90 | 9.24 | 13.2 | <0.0806 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <2.99 | <2.49 | 84.4 | <0.249 | <0.498 | 6.35 | -- | 2.9 | 7.41 | 6.94 | <0.498 | 14.7 | <4.98 | <0.995 | <4.98 | 8.63 | 12.7 | <0.0820 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <2.96 | 3.51 | 93.7 | 0.25 | <0.493 | 6.69 | -- | 3.13 | 8.33 | 17.5 | <0.493 | 14.3 | <4.93 | <0.985 | <4.93 | 8.68 | 13.3 | 0.085 |
| LV-5-15 | 15 | 06/23/2021 | LCI | <3.00 | 2.8 | 166 | 0.365 | <0.500 | 7.52 | -- | 4.13 | 9.91 | 7.63 | <0.500 | 18.6 | <5.00 | <1.00 | <5.00 | 9.9 | 12.7 | 0.114 |
| LV-5-20 | 20 | 06/23/2021 | LCI | <3.09 | 4.18 | 106 | 0.269 | <0.515 | 6.27 | -- | 3.32 | 9.47 | 13.6 | <0.515 | 13.8 | <5.15 | <1.03 | <5.15 | 9.83 | 13.3 | 0.0855 |

Table A-1: June 2021 and Historical Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| LV-6-1 | 1 | 06/22/2021 | LCI | <2.88 | 2.4 | 15.2 | <0.240 | <0.481 | 2.47 | -- | 0.991 | 1.13 | <4.81 | <0.481 | 1.54 | <4.81 | <0.481 | <4.81 | 3.35 | <9.62 | 0.116 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <2.91 | <2.43 | 13.7 | <0.243 | <0.485 | 1.95 | -- | <0.971 | <0.971 | <4.85 | <0.485 | 1.05 | <4.85 | <0.971 | <4.85 | 2.42 | <9.71 | <0.0820 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <2.99 | 3.6 | 11.7 | <0.249 | <0.498 | 3.04 | -- | 1.17 | 1.22 | <4.98 | <0.498 | 1.97 | <4.98 | <0.995 | <4.98 | 4.08 | <9.95 | 0.165 |
| LV-6-15 | 15 | 06/22/2021 | LCI | <3.00 | <2.50 | 86.8 | 0.451 | <0.500 | 12.3 | -- | 6.37 | 9.25 | <5.00 | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 22.5 | 31.4 | <0.0877 |
| LV-6-20 | 20 | 06/22/2021 | LCI | <3.09 | <2.58 | 61.1 | 0.318 | <0.515 | 10.3 | -- | 5.08 | 6.26 | <5.15 | <0.515 | 7.26 | <5.15 | <1.03 | <5.15 | 18.5 | 23.9 | 0.123 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <3.09 | <2.58 | 56.5 | 0.343 | <0.515 | 51.3 | 700 | 11.3 | 21.9 | <5.15 | <0.515 | 48.2 | <5.15 | <1.03 | <5.15 | 31 | 19.6 | <0.0833 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <3.06 | 40.2 | 157 | 0.43 | 1.97 | 18.5 | -- | 16.5 | 1250 | 109 | <0.510 | 12.5 | <5.10 | <1.02 | <5.10 | 30.8 | 1770 | <0.0806 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <3.03 | <2.53 | 102 | 0.717 | <0.505 | 109 | 480 | 21.9 | 34.6 | <5.05 | <0.505 | 97.8 | <5.05 | <1.01 | <5.05 | 68.6 | 38.2 | <0.0862 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2.93 | <2.44 | 36.1 | <0.244 | <0.488 | 3.72 | -- | 3.82 | 5.54 | <4.88 | <0.488 | 6.85 | <4.88 | <0.976 | <4.88 | 6.97 | 13.9 | 0.143 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2.88 | <2.40 | 30.1 | 0.288 | <0.481 | 7.29 | -- | 5.11 | 7.96 | <4.81 | <0.481 | 9.44 | <4.81 | <0.962 | <4.81 | 14.1 | 34.2 | <0.0794 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2.90 | <2.42 | 46.6 | <0.242 | <0.483 | 5.30 | -- | 3.03 | 7.82 | <4.83 | <0.483 | 5.09 | <4.83 | <0.966 | <4.83 | 10.9 | 16.9 | 0.0996 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2.97 | <2.48 | 34.2 | <0.248 | <0.495 | 2.31 | -- | 2.30 | 3.42 | <4.95 | <0.495 | 3.36 | <4.95 | <0.990 | <4.95 | 4.39 | <9.90 | <0.0820 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <2.93 | <2.44 | 144 | 0.573 | <0.488 | 27.6 | -- | 8.40 | 14.2 | 8.62 | <0.488 | 49.5 | <4.88 | <0.976 | <4.88 | 23.1 | 47.2 | <0.0877 |
| LV-9-5 | 5.0 | 06/22/2021 | LCI | <3.00 | 30.0 | 121 | 0.348 | 1.58 | 13.9 | -- | 11.9 | 986 | 93.1 | <0.500 | 9.86 | <5.00 | <1.00 | <5.00 | 24.1 | 1210 | <0.0862 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <3.16 | <2.63 | 87.2 | 0.445 | <0.526 | 66.4 | 3600 | 14.6 | 27.4 | <5.26 | <0.526 | 67.3 | <5.26 | <1.05 | <5.26 | 35.6 | 32.8 | <0.0820 |
| LV-10-1 | 1 | 06/21/2021 | LCI | 12.5 | 3.36 | 434 | <0.258 | 3.22 | 207 | 73000 | 11.20 | 73.2 | 2680.0 | 22.7 | 14.3 | <5.15 | 1.74 | <5.15 | 16 | 293 | 1.22 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.56 | 104 | 0.415 | <0.513 | 14.4 | -- | 8.04 | 18 | <5.13 | <0.513 | 11.6 | <5.13 | <1.03 | <5.13 | 25.8 | 36 | <0.0877 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.5 | 152 | 0.616 | 1.23 | 21.3 | -- | 12.00 | 28.5 | <5.00 | <0.500 | 20.1 | <5.00 | <1.00 | <5.00 | 38.7 | 82.6 | 0.105 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <3.08 | <2.56 | 46.8 | <0.256 | <0.513 | 5.73 | -- | 3.79 | 9.86 | 11.9 | 1.04 | 3.7 | <5.13 | <1.03 | <5.13 | 9.62 | 33.0 | <0.0862 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 131 | 0.565 | <0.485 | 19.1 | -- | 9.52 | 33.9 | <4.85 | <0.485 | 14.5 | <4.85 | <0.971 | <4.85 | 32.6 | 46.4 | <0.0820 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <2.87 | <2.39 | 128 | 0.358 | <0.478 | 14.8 | -- | 7.22 | 18.7 | <4.78 | <0.478 | 10.7 | <4.78 | <0.957 | <4.78 | 26.2 | 33.3 | <0.0877 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <2.85 | <2.36 | 141 | 0.641 | 0.479 | 20.9 | -- | 11.7 | 33 | 47.2 | <0.476 | 17.3 | <4.76 | <0.952 | <4.76 | 41.6 | 47.3 | <0.0877 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.50 | 122 | 0.448 | <0.500 | 15.7 | -- | 9.46 | 21.2 | <5.00 | <0.500 | 13.6 | <5.00 | <1.00 | <5.00 | 31.1 | 42.8 | <0.0877 |
| LV-12-1 | 1 | 06/21/2021 | LCI | <3.00 | 5.01 | 95.2 | <0.250 | 1.35 | 12.1 | -- | 10.3 | 21.8 | 166 | 1.06 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0847 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <3.06 | <2.55 | 107 | 0.497 | <0.510 | 18.7 | -- | 8.30 | 24.6 | <5.10 | <0.510 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0833 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <3.13 | <2.51 | 145 | 0.27 | <0.521 | 10.7 | -- | 5.93 | 13.4 | <5.21 | <0.521 | 8.08 | <5.21 | <1.04 | <5.21 | 21.6 | 25.9 | 0.197 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | <2.51 | 145 | 0.533 | <0.503 | 19.3 | -- | 11.40 | 25.3 | <5.03 | <0.503 | 15.9 | <5.03 | <1.01 | <5.03 | 39.6 | 47.8 | <0.0820 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <3.16 | <2.63 | 166 | 0.538 | <0.526 | 18.8 | -- | 11.20 | 25.4 | <5.26 | <0.526 | 16 | <5.26 | <1.05 | <5.26 | 38.7 | 50.1 | 0.0934 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <3.11 | <2.59 | 17.3 | <0.259 | <0.518 | 4.46 | -- | 2.06 | 3.87 | <5.18 | <0.518 | 3.88 | <5.18 | <1.04 | <5.18 | 7.21 | 13.9 | <0.0833 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 82.0 | 0.287 | <0.526 | 8.26 | -- | 4.93 | 11.5 | 8.08 | <0.526 | 9.02 | <5.26 | <1.05 | <5.26 | 15.0 | 27.4 | <0.0847 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <3.02 | <2.51 | 82.8 | 0.320 | <0.503 | 9.41 | -- | 5.37 | 13.8 | 12.7 | <0.503 | 9.84 | <5.03 | <1.01 | <5.03 | 15.7 | 32.4 | 0.134 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <2.93 | <2.44 | 32.6 | <0.244 | <0.488 | 2.54 | -- | 1.52 | 3.56 | <4.88 | <0.488 | 2.49 | <4.88 | <0.976 | <4.88 | 5.03 | 12.1 | 0.201 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <2.99 | 4.61 | 149 | 0.553 | 0.798 | 12.8 | -- | 5.58 | 23.6 | 28.4 | <0.498 | 11.4 | <4.98 | <0.995 | <4.98 | 20.0 | 53.9 | <0.0820 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <3.00 | <2.50 | 200 | <0.250 | <0.500 | 5.42 | -- | 20.4 | 8.46 | <5.00 | <0.500 | 14.1 | <5.00 | <1.00 | <5.00 | 8.77 | 17.5 | 0.195 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <3.09 | <2.58 | 19.5 | <0.258 | <0.515 | 4.20 | -- | 2.62 | 2.97 | <5.15 | <0.515 | 4.33 | <5.15 | <1.03 | <5.15 | 7.75 | 13.2 | 0.0833 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <3.13 | 2.86 | 141 | 0.370 | <0.521 | 11.8 | -- | 6.31 | 19.3 | 18.0 | <0.521 | 10.6 | <5.21 | <1.04 | <5.21 | 21.7 | 43.9 | <0.0877 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 44.8 | <0.263 | <0.526 | 5.19 | -- | 3.48 | 6.20 | <5.26 | <0.526 | 5.27 | <5.26 | <1.05 | <5.26 | 8.38 | 17.1 | 0.120 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <3.02 | <2.51 | 38.2 | <0.251 | <0.503 | 4.87 | -- | 3.49 | 6.96 | <5.03 | <0.503 | 5.01 | <5.03 | <1.01 | <5.03 | 8.77 | 15.6 | <0.0820 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <3.09 | <2.58 | 35.4 | <0.258 | <0.515 | 3.26 | -- | 2.36 | 7.57 | 6.5 | <0.515 | 3.81 | <5.15 | <1.03 | <5.15 | 5.96 | 15.8 | <0.0806 |
| LV-15-1 | 1 | 06/21/2021 | LCI | 13.6 | <2.59 | 135 | 0.384 | 1.08 | 78.3 | 22000 | 8.63 | 54.6 | 1640 | 15.7 | 12.2 | <5.18 | <1.04 | <5.18 | 21.3 | 86.7 | 0.4 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <3.08 | <2.56 | 57.1 | 0.265 | 1.42 | 10.7 | -- | 6.64 | 51.7 | 10 | <0.513 | 7.92 | <5.13 | <1.03 | <5.13 | 17.2 | 56.2 | <0.0847 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <3.02 | 13.5 | 97.6 | 0.426 | <0.503 | 16 | -- | 10.6 | 24.5 | <5.03 | <0.503 | 16.4 | <5.03 | <1.01 | <5.03 | 34.1 | 43.7 | <0.0794 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | 20.5 | 203 | 0.543 | <0.503 | 19.7 | -- | 12.0 | 27.6 | <5.03 | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 42.9 | 51.0 | <0.0820 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <2.97 | <2.48 | 116 | 0.386 | <0.495 | 13.8 | -- | 8.93 | 20.6 | <4.95 | <0.495 | 12.3 | <4.95 | <0.99 | <4.95 | 29.4 | 37.7 | <0.0806 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <2.91 | <2.43 | 67.2 | <0.243 | <0.485 | 5.27 | -- | 10.90 | 11.3 | <4.85 | <0.485 | 4.26 | <4.85 | <0.971 | <4.85 | 11.5 | 19.6 | <0.0820 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | 7.67 | 136 | 0.515 | <0.485 | 17.6 | -- | 8.94 | 27.7 | <4.85 | <0.485 | 13.4 | <4.85 | <0.971 | <4.85 | 30.6 | 41.2 | <0.0833 |
| LV-16-5 | 5.0 | 06/21/2021 | LCI | <2.93 | 6.92 | 141 | 0.389 | <0.488 | 14.1 | -- | 7.75 | 18.6 | <4.88 | <0.488 | 11.4 | <4.88 | <0.976 | <4.88 | 24.9 | 31.8 | <0.0833 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.40 | 55.8 | <0.24 | <0.481 | 7.38 | -- | 4.55 | 9.23 | <4.81 | <0.481 | 6.07 | <4.81 | <0.962 | <4.81 | 15.5 | 20.3 | <0.0847 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <2.91 | <2.43 | 97.2 | 0.345 | <0.485 | 12.1 | -- | 7.57 | 15.1 | <4.85 | <0.485 | 10.1 | <4.85 | <0.971 | <4.85 | 25.5 | 31.2 | <0.0862 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <3.06 | <2.55 | 80.2 | 0.274 | <0.510 | 10.5 | -- | 5.49 | 12.7 | 10.8 | 0.543 | 7.95 | <5.10 | <1.02 | <5.10 | 18.2 | 28.4 | <0.0862 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <2.96 | <2.46 | 83.2 | 0.337 | 0.578 | 10.3 | -- | 6.71 | 19.8 | 9.7 | <0.493 | 7.62 | <4.93 | <0.985 | <4.93 | 22.7 | 49.8 | <0.0794 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.5 | 83.1 | 0.379 | <0.5 | 13.1 | -- | 7.23 | 15.2 | <5.00 | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 23.7 | 30.9 | <0.0862 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 84.4 | <0.243 | <0.485 | 8.4 | -- | 4.55 | 10.9 | <4.85 | <0.485 | 6.28 | <4.85 | <0.971 | <4.85 | 16.1 | 23.2 | <0.0847 |
| LV-17-10 | 10.0 | 06/21/2021 | LCI | <2.93 | <2.44 | 95.8 | 0.503 | <0.488 | 17.8 | -- | 10.7 | 23.8 | <4.88 | <0.488 | 15.1 | <4.88 | <0.976 | <4.88 | 33.9 | 42.4 | <0.0877 |
| LV-18-1 | 1.0 | 06/21/2021 | LCI | <3.11 | <2.59 | 112 | 0.417 | 0.961 | 18.5 | -- | 8.98 | 28.3 | 226.0 | <0.518 | 14.4 | <5.18 | <1.04 | <5.18 | 27.4 | 135 | <0.0820 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <3.00 | <2.5 | 35.4 | <0.25 | <0.500 | 5.06 | -- | 2.74 | 6.88 | <5.0 | <0.5 | 4.2 | <5.00 | <1.00 | <5.00 | 8.09 | 17.4 | <0.0820 |
| LV-18-5 | 5.0 | 06/21/2021 | LCI | <2.96 | <2.46 | 161 | 0.494 | <0.493 | 18 | -- | 9 | 22.9 | <4.93 | <0.493 | 14 | <4.93 | <0.985 | <4.93 | 27.9 | 46.5 | <0.0833 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 156 | 0.584 | <0.526 | 21.6 | -- | 12.3 | 26.7 | <5.26 | <0.526 | 17.5 | <5.26 | <1.05 | <5.26 | 42.3 | 56.5 | <0.0862 |
| LV-18-10 | 10.0 | 06/21/2021 | LCI | <3.02 | <2.51 | 123 | 0.66 | <0.503 | 22.7 | -- | 11.7 | 37.7 | <5.03 | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 41.9 | 50.8 | <0.0862 |

Table A-1: June 2021 and Historical Soil Analytical Test Results - Metals
2200 North Rosemead Boulevard
South El Monte, California

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Total Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | USEPA 7471A |
| LV-19-1 | 1.0 | 06/21/2021 | LCI | 2.98 | <2.43 | 99.6 | <0.243 | 1.36 | 23.0 | -- | 5.17 | 27.6 | 631.0 | 1.5 | 8.61 | <4.85 | <0.971 | <4.85 | 13.2 | 133 | <0.0847 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <2.93 | 5.08 | 113 | 0.359 | <0.488 | 13.0 | -- | 7.27 | 25.1 | 41.7 | <0.488 | 10.4 | <4.88 | <0.976 | <4.88 | 24.3 | 59.2 | <0.0847 |
| LV-19-5 | 5.0 | 06/21/2021 | LCI | <3.0 | <2.5 | 121 | 0.38 | <0.5 | 13.8 | -- | 7.39 | 16.5 | <5.00 | <0.500 | 10.7 | <5.00 | <1.00 | <5.00 | 22.5 | 34.5 | <0.0833 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.4 | 92.1 | 0.281 | <.481 | 10.4 | -- | 5.89 | 12.4 | <4.81 | <0.481 | 8.22 | <4.81 | <0.962 | <4.81 | 21 | 27.6 | <0.0847 |
| LV-19-10 | 10.0 | 06/21/2021 | LCI | <3.13 | <2.6 | 196 | 0.796 | 0.95 | 67.6 | 2200 | 12.1 | 83.1 | <5.21 | <0.521 | 20.6 | <5.21 | <1.04 | <5.21 | 75.3 | 72.9 | 0.941 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 71.6 | <0.263 | 0.566 | 22.2 | -- | 4.33 | 24.9 | 125 | 2.15 | 8.49 | <5.26 | <1.05 | <5.26 | 10.6 | 153 | <0.0806 |

-- = not analyzed
(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
(b) = Department of Toxic Substances Control (DTSC) Screening Level for Industrial Soils; June 2020
J = Estimated value; concentration above the method detection limit but below the reporting limit
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
< 2.6 = not detected above the method detection limit or reporting limit
EEC = EEC Environmental
EFI = EFI Global
LCI = Leighton Consulting, Inc.
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| HP-1 | 10 | 9/18/2020 | EEC | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 3.3 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 4.2 J | 0.64 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 0.99 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | <110 | <5.4 | <5.4 | <5.4 | <5.4 | Methylene Chloride = 3.7 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 1.8 J | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | 0.32 J | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | <120 | <6.1 | <120 | <6.1 | <6.1 | <6.1 | <6.1 | Methylene Chloride = 2.8 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | <96 | <4.8 | <4.8 | <4.8 | <4.8 | Methylene Chloride = 2.6 B,J | -- | -- | -- |
| HP-2 | 10 | 9/18/2020 | EEC | 5.3 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | <91 | <4.5 | <4.5 | <4.5 | <4.5 | Methylene Chloride = 2.7 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 3.1 J | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <120 | <5.8 | <120 | <5.8 | <5.8 | <5.8 | <5.8 | Methylene Chloride = 2.4 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 1.6 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 0.52 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | <110 | <5.4 | <5.4 | <5.4 | <5.4 | Methylene Chloride = 2.5 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | 1.9 J | 2.0 J | 3.3 J | <5.1 | <5.1 | <5.1 | 0.29 J | 0.98 J | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | <100 | <5.1 | <100 | <5.1 | <5.1 | <5.1 | <5.1 | Methylene Chloride = 2.1 B,J | -- | -- | -- |
| HP-3 | 10 | 9/18/2020 | EEC | 14 | 1.7 J | <6.6 | <6.6 | <6.6 | <6.6 | 1.0 J | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <130 | <6.6 | <130 | <6.6 | <6.6 | <6.6 | <6.6 | Methylene Chloride = 1.8 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 1.1 J | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 1.6 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 0.74 J | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <110 | <5.6 | <110 | <5.6 | <5.6 | <5.6 | <5.6 | Methylene Chloride = 1.7 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | 2.9 J | 15 | 5.7 | 0.30 J | <4.1 | <4.1 | 0.83 J | <4.1 | <4.1 | <4.1 | <4.1 | <4.1 | 2.7 J | <82 | <4.1 | 4.2 J | <4.1 | <4.1 | <4.1 | <4.1 | Methylene Chloride = 1.2 B,J | -- | -- | -- |
| HP-4 | 10 | 9/18/2020 | EEC | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 0.94 J | <5.3 | 0.35 J | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 1.3 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 0.60 J | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <110 | <5.7 | <110 | <5.7 | <5.7 | <5.7 | <5.7 | ND | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | <5.1 | 0.63 J | 33 | 0.69 J | 0.43 J | 0.77 J | 0.39 J | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | 13 | <100 | <5.1 | 4.9 J | <5.1 | <5.1 | 1.9 J | <5.1 | Methylene Chloride = 0.95 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | <4.3 | 0.87 J | 15 | <4.3 | 0.23 J | <4.3 | 0.41 J | <4.3 | <4.3 | <4.3 | <4.3 | <4.3 | 5 | <86 | <4.3 | 5.0 J | <4.3 | <4.3 | 1.1 J | <4.3 | Methylene Chloride = 0.57 B,J | -- | -- | -- |
| SB-1 | 2 | 8/22/2020 | EEC | 0.40 J | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 3.7 J | 2.5 J | 0.47 J | 0.99 J | <3.9 | <3.9 | <3.9 | <78 | <3.9 | 4.1 J | <3.9 | <3.9 | <3.9 | 0.21 J | ND | <10 | <10 | 49 B |
| | 5 | 8/22/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.57 J | 0.22 J | 0.21 J | 1.1 J | <4.5 | <4.5 | <4.5 | <89 | <4.5 | 3.7 J | <4.5 | <4.5 | <4.5 | 0.16 J | ND | <10 | <10 | 8.9 B,J |
| SB-2 | 2 | 8/22/2020 | EEC | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 9.2 | 5.9 | 0.89 J | 1.5 J | <4.9 | <4.9 | <4.9 | 110 | <4.9 | 15 J | <4.9 | <4.9 | <4.9 | 0.37 J | ND | <10 | <10 | 16 B |
| | 5 | 8/22/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 9.8 | 4.6 J | 0.61 J | 0.91 J | <5.0 | <5.0 | <5.0 | 68 J | <5.0 | 8.7 J | <5.0 | <5.0 | <5.0 | <5.0 | ND | <10 | <10 | <10 |
| SB-3 | 10 | 8/21/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.91 J | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | 1.5 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | <10 | <10 |
| | 15 | 8/21/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 0.28 J | 0.26 J | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <110 | <5.7 | 2.0 J | <5.7 | <5.7 | <5.7 | <5.7 | ND | <9.9 | <9.9 | <9.9 |
| SB-4 | 2 | 8/21/2020 | EEC | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 6.4 | 3.2 J | 0.49 J | 1.2 J | <4.8 | <4.8 | <4.8 | 63 J | <4.8 | 10 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | 22 B |
| | 5 | 8/21/2020 | EEC | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 | 4.0 J | 0.36 J | 0.77 J | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 J | <4.2 | <4.2 | <4.2 | <4.2 | ND | <9.9 | <9.9 | 32 B |
| SB-5 | 2 | 8/21/2020 | EEC | 1.5 J | 0.26 J | <5.3 | <5.3 | <5.3 | <5.3 | 13 | 25 | 2.5 J | 8.4 J | <5.3 | <5.3 | <5.3 | 140 | <5.3 | 15 J | <5.3 | 1.7 J | <5.3 | <5.3 | ND | <10 | <10 | 70 |
| | 5 | 8/21/2020 | EEC | 0.35 J | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 0.96 J | 8.0 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 4.3 J | <4.9 | <4.9 | <4.9 | <4.9 | ND | <10 | <10 | 4.9 B,J |
| SB-6 | 2 | 8/22/2020 | EEC | 0.59 J | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 7.8 | 6.3 | 1.1 J | 1.8 J | 0.27 J | <3.9 | <3.9 | 77 J | <3.9 | 8.7 J | <3.9 | <3.9 | <3.9 | 0.19 J | ND | <10 | <10 | <10 |
| | 5 | 8/22/2020 | EEC | 0.64 J | 1.0 J | <6.4 | <6.4 | <6.4 | <6.4 | 2.9 J | 0.65 J | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 7.5 J | <6.4 | <6.4 | <6.4 | <6.4 | ND | <10 | <10 | <10 |
| SB-7 | 2 | 8/22/2020 | EEC | 0.40 J | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 0.22 J | <5.0 | 0.24 J | 1.6 J | <5.0 | <5.0 | 92 J | 3.0 J | 15 J | <5.0 | <5.0 | <5.0 | <5.0 | ND | <20 | <20 | 50 B |
| | 5 | 8/22/2020 | EEC | 7.1 | 2.9 J | <4.5 | <4.5 | <4.5 | <4.5 | 5.8 | 4.5 | 0.77 J | 1.1 J | <4.5 | <5.1 | <4.5 | 130 | 2.3 J | 9.2 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | 4.5 J | <10 |
| SB-8 | 2 | 8/21/2020 | EEC | 0.35 J | 1.2 J | <4.0 | <4.0 | <4.0 | <4.0 | 4.9 | 3.7 J | 1.4 J | 3.9 J | 3.8 J | 2.5 J | <4.0 | 190 | <4.0 | 28 J | 0.95 J | <4.0 | <4.0 | 0.59 B,J | 1,1,2,2-TCE = 12; Propylbenzene = 0.62 J; sec-Butylbenzene = 0.43 J; para-Isopropyl Toluene = 1.3J; n-Butylbenzene = 0.77 J | <50 | 100 | 1,400 |
| | 5 | 8/21/2020 | EEC | 0.87 J | 0.74 J | <4.1 | <4.1 | <4.1 | <4.1 | 13 | 11 | 1.9 J | 2.9 J | 0.33 J | <4.1 | <4.1 | 50 J | <4.1 | 8.8 J | <4.1 | <4.1 | <4.1 | 0.17 B,J | ND | <9.9 | <9.9 | 5.7 B,J |
| SB-9 | 2 | 8/21/2020 | EEC | <4.8 | 0.30 J | <4.8 | <4.8 | <4.8 | <4.8 | 14 | 9.3 | 1.4 J | 2.1 J | 0.30 J | <4.8 | <4.8 | 120 | <4.8 | 18 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | 4.2 J | 4.4 J | 0.93 J | 1.8 J | 0.30 J | <5.1 | <5.1 | <5.1 | <5.1 | 5.5 J | <5.1 | 0.74 J | <5.1 | 0.30 | ND | <10 | <10 | 4.5 J |
| SB-10 | 2 | 8/21/2020 | EEC | 1.3 J | 2.8 J | <5.6 | <5.6 | <5.6 | <5.6 | 8.0 | 6.3 | 1.2 J | 3.1 J | <5.6 | <5.6 | <5.6 | 190 | 2.8 J | 17 J | <5.6 | 0.69 J | <5.6 | 0.24 | TBA = 10 | <110 | 180 | 850 |
| | 5 | 8/21/2020 | EEC | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 6.7 | 6.2 | 1.3 J | 2.2 J | <4.9 | <4.9 | <4.9 | <98 | <4.9 | 7.2 J | <4.9 | <4.9 | <4.9 | <4.9 | ND | <10 | <10 | 12 |
| SB-11 | 2 | 8/21/2020 | EEC | 230 J | 390 | 640 | 36 J | <240 | 100 J | 15 J | 5,700 | 330 | 2,800 | 1,100 | 610 | 46 J | 1,400 B, J | 200 B,J | 880 J | 47 J | 1,300 | <240 | 360 J | Chloromethane = 40 B,J; 1,1,1-TCA = 27 J; 1,2-DCA = 21 J; Chlorobenzene = 7.8 J; Propylbenzene = 88 J | 27 J | 350 | 1,100 |
| | 5 | 8/21/2020 | EEC | <4.2 | 2.4 J | 3.7 J | <4.2 | <4.2 | 0.94 J | 8.6 | 8.8 | 2.0 J | 3.3 J | 0.43 J | <4.2 | 0.74 J | 75 J | <4.2 | 12 J | <4.2 | 6.2 | 0.85 J | <4.2 | TBA = 66 | <10 | 4.2 J | <10 |
| SB-12 | 2 | 8/21/2000 | EEC | <4.4 | 1.7 J | 2.4 J | <4.4 | <4.4 | <4.4 | 20 | 20 | 4.5 | 8.0 J | 0.85 J | <4.4 | <4.4 | 49 J | <4.4 | 10 J | 0.43 J | <4.4 | <4.4 | 0.77 J | Propylbenzene = 0.43 J | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | 0.48 J | 6.0 | 8.8 | <3.6 | <3.6 | <3.6 | 5.9 | 3.2 J | 0.48 J | 0.23 J | <3.6 | <3.6 | 0.39 J | 48 J | <3.6 | 8.2 J | <3.6 | <3.6 | <3.6 | <3.6 | ND | <10 | <10 | <10 |
| SB-13 | 2 | 8/21/2020 | EEC | 1.1 J | 2.6 J | <4.8 | <4.8 | <4.8 | <4.8 | 1.4 J | 1.5 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 200 | <4.8 | 20 J | 78 | <4.8 | <4.8 | <4.8 | TBA = 12; Styrene = 2.4 J | <50 | 80 | 390 |
| | 5 | 8/21/2020 | EEC | <4.5 | 2.1 J | 1.5 J | <4.5 | <4.5 | <4.5 | 9.2 | 6.6 | 1.4 J | 2.3 J | <4.5 | <4.5 | <4.5 | 110 | <4.5 | 13 J | 2.1 J | <4.5 | <4.5 | <4.5 | TBA = 9.9 | <10 | <10 | <10 |
| | 10 | 8/21/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 3.3 J | 2.4 J | 0.53 J | 0.29 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | 5.1 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | <10 | <10 |

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| SB-14 | 2 | 8/21/2020 | EEC | 18 | 8.9 | <6.0 | <6.0 | 0.23 J | <6.0 | 0.59 J | 0.81 J | 0.63 J | 1.5 J | <6.0 | <6.0 | 2.4 J | 170 | <6.0 | 32 J | <6.0 | 5.4 J | <6.0 | 1.4 J | TBA = 12; TCFM = 0.56 J; Freon 113 = 0.92 J; 1,1,1-TCA = 35 Styrene = 2.5 J | <10 | 1,400 | 4,500 |
| | 5 | 8/21/2020 | EEC | 32 | 6.5 | 2.0 J | <5.1 | <5.1 | <5.1 | 5.6 | 7.6 | 100 | 100 | 12 | 7.6 | 3.7 J | 310 | 0.37 J | 52 J | 4.2 J | 6.7 | <5.1 | <5.1 | TBA = 24; 1,1,1-TCA = 4.8 J; Styrene= 3.0; Propylbenzene = 3.4 J; sec-Butylbenzene = 1.2 J; para-Isopropyl Toluene = 1.6 J; n-Butylbenzene = 1.4 J | <10 | <10 | <10 |
| SB-15 | 2 | 8/22/2020 | EEC | 0.66 J | 3.2 | <5.3 | <5.3 | <5.3 | <5.3 | 0.70 J | 0.79 J | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 70 J | <5.3 | 11 J | <5.3 | <5.3 | <5.3 | <5.3 | ND | <10 | <10 | <10 |
| | 5 | 8/22/2020 | EEC | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 0.69 J | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 82 J | <6.0 | 10 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <10 | <10 | <10 |
| SB-16 | 2 | 8/21/2020 | EEC | 1.9 J | 0.61 J | <4.6 | <4.6 | <4.6 | <4.6 | 1.4 J | 11 | 48 | 57 | 15 | 8.4 | 0.63 J | 160 | <4.6 | 21 J | 4.0 J | <4.6 | <4.6 | 3.4 J | TBA = 13; Propylbenzene = 5.0; sec-Butylbenzene = 1.5 J; para-Isopropyl Toluene = 2.3 J; n-Butylbenzene = 2.5 J | <10 | 4,900 | 13,000 |
| | 5 | 8/21/2020 | EEC | <4.7 | <4.7 | 0.65 J | <4.7 | <4.7 | <4.7 | 9.7 | 9.2 | 2.7 J | 6.3 J | 0.92 J | 0.42 J | 0.51 J | <94 | <4.7 | 7.8 J | <4.7 | <4.7 | <4.7 | <4.7 | TBA = 8.5 J | <10 | <10 | <10 |
| SB-17 | 2 | 8/22/2020 | EEC | 3.3 J | 13 | 5.0 | <4.1 | <4.1 | 1.1 J | 1.3 J | 43 | 120 | 99 | 31 | 12 | 34 | 500 | <4.1 | 72 J | 2.1 J | 16 | 9 | 3.6 J | TBA = 48 Chlorobenzene = 0.56 J Propylbenzene = 4.0 J; para-Isopropyl Toluene = 2.1 J; 1,2-DCB = 5.6 1,3-DCB = 0.70 J; 1,4-DCB = 1.7 J n-Butylbenzene = 2.4 J; 1,2,4-TCB = 5.2 | <10 | <10 | 5.5 J |
| | 5 | 8/22/2020 | EEC | <5.3 | 1.0 J | 1.1 J | <5.3 | <5.3 | 0.54 J | 9.9 | 14 | 53 | 40 | 8.5 | 3.3 J | 4.3 J | 150 | <5.3 | 19 | 0.76 J | 2.6 J | 15 | 1.4 J | TBA = 83; Chloroethane = 0.81J; Chlorobenzene = 0.49 J Propylbenzene = 1.0 J para-Isopropyl Toluene = 0.62 J; 1,2-DCB = 0.58 J 1,4-DCB = 1.7 J n-Butylbenzene = 0.78 J; 1,2,4-TCB = 2.4 J | 8.2 J | 50 | 130 |
| SB-18 | 2 | 8/22/2020 | EEC | 63 | 130 | 48 | <5.3 | <5.3 | 0.51 J | 7.6 | 5.7 | 1.2 J | 2.4 J | 0.52 J | <5.3 | 15 | 110 J | <5.3 | 17 J | <5.3 | <5.3 | <5.3 | <5.3 | Freon 113 = 4.6 J; Trans-1,2-DCE = 1.6 J; 1,2-DCP = 1.5 J; 1,2-DCB = 0.63 J | <10 | 5.3 J | 17 |
| | 5 | 8/22/2020 | EEC | 4.1 J | 15 | 22 | <5.0 | <5.0 | 0.94 J | 4.6 J | 3.3 J | 0.64 J | 0.33 J | <5.0 | <5.0 | 6.1 | <100 | <5.0 | 5.8 J | <5.0 | <5.0 | <5.0 | <5.0 | 1,2-DCP = 0.95 J; | <10 | <10 | 6.7 J |
| SB-19 | 2 | 8/21/2020 | EEC | 1.1 J | 3.0 J | 8.6 | 0.82 J | <7.8 | 30.0 | 21 | 65 | 23 | 83 | 8.3 | 4.0 J | 21 | 210 | <7.8 | 17 J | 1.9 J | 4.4 J | <7.8 | <7.8 | TBA = 18; 1,1-DCE = 3.0 J; 1,2-DCA = 0.96 J; Propylbenzene = 1.7 J; para-Isopropyl Toluene = 1.0 J; n-Butylbenzene = 1.7 J | 9.4 | 58 | 98 |
| | 5 | 8/21/2020 | EEC | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | 3.3 J | 6.2 | 1.5 J | 4.7 J | <4.6 | <4.6 | <4.6 | <93 | <4.6 | 5.0 J | <4.6 | <4.6 | <4.6 | <4.6 | TBA = 9.8 | <10 | <10 | <10 |
| SB-20 | 2 | 8/21/2020 | EEC | 0.30 J | 1.5 J | 1.2 J | 0.43 J | <100 | 10 | 4.4 | 55 | 40 | 60 | 100 | 30 | 3.1 J | <100 | 2.5 J | 23 J | 6.3 | <100 | <100 | 5.8 | TBA = 19; Chloroethane = 0.32 J;Chlorobenzene = 0.23 J; Propylbenzene = 11 tert-Butylbenzene = 1.0 J sec-Butylbenzene = 11 J; para-Isopropyl Toluene = 20; n-Butylbenzene = 15 | 150 | 510 | 960 |
| | 5 | 8/21/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 1.1 J | 0.66 J | <5.0 | <5.0 | 1.5 J | 0.58 J | <5.0 | 58 J,b | <5.0 | 7.3 J | <5.0 | <5.0 | <5.0 | 2.1 J | TBA = 18; sec-Butylbenzene = 0.44 J para-Isopropyl Toluene = 1.0 J; n-Butylbenzene = 0.71 J | <10 | <10 | <10 |
| SB-21 | 2 | 8/21/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 0.7 J | <5.0 | 1.6 J | 0.8 J | <5.0 | <5.0 | 180 | <5.0 | 42 J | <5.0 | 46 | <5.0 | 1.0 B,J | Methylene Chloride = 1.7 J | <10 | 35 | 51 |
| | 5 | 8/21/2020 | EEC | 4,100 | 1,200 | 110 J | <1,000 | <1,000 | <1,000 | 110 J | 49,000 | 12,000 | 75,000 | 13,000 | 3,500 | <1,000 | <20,000 | <1,000 | 380 J | 1,200 | <1,000 | <1,000 | 730 J | Propylbenzene = 1,900; para-Isopropyl Toluene = 410 J; n-Butylbenzene = 800 J | 240 | 1,500 | 1,700 |
| SB-21 | 10 | 8/21/2020 | EEC | 0.30 J | 0.30 J | 0.38 J | <4.8 | <4.8 | 1.2 J | 2.6 J | 5.8 | 3.4 J | 14 | 1.0 J | 0.25 J | 3.2 J | 57 J | <4.8 | 17 J | <4.8 | <4.8 | 0.36 J | 0.49 J | TBA = 19; 1,1,1-TCA = 0.21 J; 2-Chlorotoluene = 1.7 J | <10 | 9.7 J | 6.5 J |

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl-2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| SB-22 | 2 | 8/21/2020 | EEC | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | 0.63 J | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <88 | <4.4 | 5.6 J | <4.4 | <4.4 | <4.4 | <4.4 | ND | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | <5.2 | <5.2 | <5.2 | <5.2 | <5.2 | <5.2 | 13 | 16 | 3.7 J | <5.2 | 1.0 J | 0.33 J | <5.2 | 67 J,b | <5.2 | 8.8 J | 0.34 J | 0.82 J | <5.2 | 0.66 B,J | Propylbenzene = 0.41 J | <10 | <10 | 6.8 J |
| SB-23 | 2 | 8/21/2020 | EEC | 69 J | <1,500 | <1,500 | <1,500 | <1,500 | <1,500 | <1,500 | 2,400 | 4,100 | 33,000 | 33,000 | 9,900 | <1,500 | <30,000 | ND,1,500 | 1,800 J | 500 J | 3,200 | <1,500 | 6,300 | Methylene Chloride = 2,100; 1,1,1-TCA = 1,700; Propylbenzene = 2,100; sec-Butylbenzene = 1,500; para-Isopropyl Toluene = 590 J n-Butylbenzene = 6,500 | 2,600 | 8,500 | 33,000 |
| | 5 | 8/21/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 7.1 | 5.6 J | 1.1 J | 2.1 J | <5.7 | <5.7 | <5.7 | <110 | <5.7 | 7.1 J | <5.7 | <5.7 | <5.7 | 0.31 J | ND | <9.9 | 4.5 J | 18 |
| SB-24 | 2 | 8/21/2020 | EEC | 2.2 J | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | 9.5 | 8.4 | 1.3 J | 2.1 J | 0.39 J | <5.8 | <5.8 | <5.8 | <5.8 | 14 J | <5.8 | <5.8 | <5.8 | 0.19 B,J | ND | <20 | <20 | 74 |
| | 5 | 8/21/2020 | EEC | 0.98 J | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | 8.2 | 6.3 | 1.1 J | 1.9 J | <5.6 | <5.6 | <5.6 | <110 | <5.6 | 6.6 J | <5.6 | <5.6 | <5.6 | <5.6 | ND | <10 | <10 | 10 |
| SB-25 | 2 | 8/21/2020 | EEC | 0.38 J | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 1.6 J | <4.9 | 49 | 230 | 0.30 J | <4.9 | <4.9 | 90 J,b | <4.9 | 10 J | 0.68 J | <4.9 | <4.9 | 0.40 B,J | ND | <10 | <10 | 16 |
| | 5 | 8/21/2020 | EEC | 1.5 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 0.89 J | 0.50 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | 3.2 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | 9.7 J |
| SB-26 | 2 | 8/21/2020 | EEC | 44 | 3.3 J | <7.1 | <7.1 | <7.1 | <7.1 | 14 | 11 | 1.9 J | 2.8 J | 0.50 J | <7.1 | <7.1 | 110 J,b | <7.1 | 14 J | <7.1 | <7.1 | <7.1 | <7.1 | ND | <10 | 16 | 37 |
| | 5 | 8/21/2020 | EEC | 10 | 0.83 J | <6.8 | <6.8 | <6.8 | <6.8 | 3.7 J | 3.4 J | 0.41 | 1.3 J | 0.54 J | <6.8 | <6.8 | <100 | <6.8 | 35 J | <6.8 | 1.1 J | <6.8 | <6.8 | TBA = 36 | <50 | <50 | 130 |
| SB-27 | 2 | 8/21/2020 | EEC | 5.7 | 7.5 | 0.22 J | <4.8 | <4.8 | <4.8 | <4.8 | 0.32 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | 5.1 J | <4.8 | <4.8 | <4.8 | <4.8 | TBA = 10 | <10 | 40 | 400 |
| | 5 | 8/21/2020 | EEC | 6.3 | 10 | 2.5 J | <5.4 | <5.4 | <5.4 | 9.8 | 7.9 | 1.6 J | 2.6 J | 0.35 J | <5.4 | 1.6 J | <5.4 | 2.6 B,J | 6.8 J | <5.4 | 0.19 J | <5.4 | 0.24 J | ND | <10 | <10 | 8.6 J |
| SB-28 | 2 | 8/21/2020 | EEC | 52 | 21 | 2.4 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.54 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.62 J | <120 | 2.9 B,J | 5.7 J | <6.0 | 0.21 J | <6.0 | <6.0 | Freon 113 = 6.0 | <100 | <100 | 300 |
| | 5 | 8/21/2020 | EEC | 24 | 3.7 J | 2.3 J | <4.2 | <4.2 | <4.2 | 4.0 J | 3.7 J | 0.73 J | 1.2 J | <4.2 | <4.2 | 0.23 J | <83 | <4.2 | 3.3 J | <4.2 | <4.2 | <4.2 | 0.19 J | ND | <10 | <10 | 11 |
| SB-29 | 2 | 8/21/2020 | EEC | 140 | 11 | 0.21 J | <4.3 | <4.3 | <4.3 | 0.38 J | 0.41 J | 0.29 J | 1.3 J | <4.3 | <4.3 | <4.3 | 130 | 2.0 B,J | 26 J | <4.3 | <4.3 | <4.3 | 0.15 J | TBA = 12; 1,1,1-TCA = 0.18 J | <10 | <10 | 17 |
| | 5 | 8/21/2020 | EEC | 92 | 10 | 1.1 J | <6.1 | <6.1 | <6.1 | 5.4 J | 3.7 J | 0.66 J | 1.2 J | <6.1 | <6.1 | 0.39 J | <120 | <6.1 | 5.0 J | <6.1 | <6.1 | <6.1 | <6.1 | ND | <10 | <10 | 8.5 J |
| SB-30 | 2 | 8/22/2020 | EEC | 4.8 J | 0.48 J | <5.7 | <5.7 | <5.7 | <5.7 | 0.37 J | 0.46 J | <5.7 | 0.89 J | <5.7 | <5.7 | <5.7 | 63 J | <5.7 | 8.2 J | <5.7 | <5.7 | <5.7 | <5.7 | ND | <20 | <20 | 70 B |
| | 5 | 8/22/2020 | EEC | 37 | 4.5 | <4.2 | <4.2 | <4.2 | <4.2 | 8.9 | 4.2 | 0.55 J | 0.77 J | <4.2 | <4.2 | <4.2 | <83 | <4.2 | 7.9 J | <4.2 | <4.2 | <4.2 | <4.2 | 1,1,1-TCA = 0.40 J | <10 | <10 | 11 B |
| SB-31 | 2 | 8/22/2020 | EEC | 11 | 0.29 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.27 J | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <120 | <6.0 | 7.6 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <50 | <50 | 98 B |
| | 5 | 8/22/2020 | EEC | 39 | 2.4 J | <5.4 | <5.4 | <5.4 | <5.4 | 1.9 J | 0.35 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | 5.6 J | <5.4 | <5.4 | <5.4 | <5.4 | 1,1,1-TCA = 0.41 J | <10 | <10 | 14 B |
| SB-32 | 2 | 8/22/2020 | EEC | 8.0 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 0.24 J | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <130 | <6.4 | 4.6 J | <6.4 | 0.34 J | <6.4 | <6.4 | ND | <200 | <200 | 930 |
| | 5 | 8/22/2020 | EEC | 45 | 1.8 J | <4.7 | <4.7 | <4.7 | <4.7 | 2.8 J | 0.55 J | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | 56 J | <4.7 | 7.4 J | <4.7 | ND | <4.7 | ND | 1,1,1-TCA = 0.36 J | <10 | <10 | 11 B |
| SB-33 | 2 | 8/22/2020 | EEC | 43 | 1.9 J | <4.8 | <4.8 | <4.8 | <4.8 | 11 | 6.9 | 0.99 J | 1.6 J | <4.8 | <4.8 | <4.8 | 50 J,b | <4.8 | 7.6 J | <4.8 | <4.8 | <4.8 | <4.8 | 1,1,1-TCA = 0.25 J | <10 | 4.5 J | 14 B |
| | 5 | 8/22/2020 | EEC | 35 | 1.6 J | <6.0 | <6.0 | <6.0 | <6.0 | 10 | 6.1 | 0.92 J | 1.2 J | <6.0 | <6.0 | <6.0 | <120 | <6.0 | 10 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <10 | <10 | 10 B |
| LV-1-1 | 1 | 6/23/2021 | LCI | <0.80 | <1.6 | <0.80 | <0.8 | <0.8 | <0.8 | 1.6 | 0.9 | <0.8 | <1.6 | <1.6 | <1.6 | <0.8 | 18 | <16 | <16 | <0.80 | <16 | <1.6 | <8.0 | ND | <0.097 | <4.9 | 5.7 |
| LV-1-5 | 5 | 6/23/2021 | LCI | <0.78 | <1.6 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <1.6 | <0.78 | <16 | <16 | <16 | <0.78 | <16 | <1.6 | <7.8 | ND | <0.091 | <5.0 | 6.1 |
| LV-1-10 | 10 | 6/23/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | <20 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.099 | <5.0 | <5.0 |
| LV-1-15 | 15 | 6/23/2021 | LCI | <0.51 | <1.0 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <1.0 | <1.0 | <1.0 | <0.51 | <10 | <10 | <10 | <0.51 | <10 | <1.0 | <5.1 | ND | <0.010 | <5.0 | <5.0 |
| LV-1-20 | 20 | 6/23/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.010 | 5.6 | 7.9 |
| LV-2-1 | 1 | 6/22/2021 | LCI | <0.83 | <1.7 | <0.83 | <0.83 | <0.83 | <0.83 | 1.7 | 1.5 | <0.83 | <1.7 | <1.7 | <1.7 | <0.83 | 22 | <17 | <17 | <0.83 | <17 | <1.7 | <8.3 | ND | <0.085 | 9.4 | 33 |
| LV-2-5 | 5 | 6/22/2021 | LCI | <0.91 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | 1.9 | 1.4 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | 37 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | <0.079 | <5.0 | <5.0 |
| LV-2-10 | 10 | 6/22/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.12 | <5.0 | 8.0 |
| LV-2-15 | 15 | 6/22/2021 | LCI | <0.95 | <1.9 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <1.9 | <1.9 | <1.9 | <0.95 | <19 | <19 | <19 | <0.95 | <19 | <1.9 | <9.5 | ND | <0.092 | <5.0 | 8.1 |
| LV-2-20 | 20 | 6/22/2021 | LCI | <0.89 | <1.8 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <1.8 | <0.89 | <18 | <18 | <18 | <0.89 | <18 | <1.8 | <8.9 | ND | <0.10 | 5.6 | 7.9 |
| LV-3-1 | 1 | 6/22/2021 | LCI | 5.4 | 15 | 2.5 | <0.63 | <0.63 | <0.63 | 1.4 | 1.2 | <0.63 | <1.3 | <1.3 | <1.3 | 0.9 | 37 | <13 | <13 | <0.63 | <13 | <1.3 | <6.3 | ND | <0.063 | <50 | 360 |
| LV-3-5 | 5 | 6/22/2021 | LCI | 1.8 | 3.7 | <0.83 | <0.83 | <0.83 | <0.83 | 4 | 2.8 | <0.83 | <1.7 | <1.7 | <1.7 | 1.0 | 21 | <17 | <17 | <0.83 | <17 | <1.7 | <8.3 | ND | <0.075 | <4.9 | 7.2 |
| LV-3-10 | 10 | 6/22/2021 | LCI | <0.94 | <1.9 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <1.9 | <0.94 | 57 | <19 | <19 | <0.94 | <19 | <1.9 | <9.4 | ND | <0.097 | <4.9 | 5.6 |
| LV-3-10-DUP | 10 | 6/22/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | 4.4 | <0.90 | 2.0 | <1.8 | <1.8 | <0.90 | 39 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.073 | -- | -- |
| LV-4-1 | 1 | 6/18/2021 | LCI | 4.4 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | 18 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | 1.1 | 42 | 240 |
| LV-4-5 | 5 | 6/18/2021 | LCI | <0.93 | <1.9 | <0.93 | <0.93 | <0.93 | <0.93 | 1.0 | <0.93 | <0.93 | <1.9 | <1.9 | <1.9 | <0.93 | <19 | <19 | <19 | <0.93 | <19 | <1.9 | <9.3 | ND | <0.090 | 7.0 | 8.7 |
| LV-4-10 | 10 | 6/18/2021 | LCI | <0.94 | 4.9 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <1.9 | <0.94 | <19 | <19 | <19 | <0.94 | <19 | <1.9 | <9.3 | ND | <0.078 | 6.1 | 6.9 |
| LV-5-1 | 1 | 6/23/2021 | LCI | 1.4 | <1.7 | <0.84 | <0.84 | <0.84 | <0.84 | 1.5 | 1.1 | <0.84 | <1.7 | <1.7 | <1.7 | <0.84 | 20 | <17 | <17 | <0.84 | <17 | <1.7 | <8.4 | ND | <0.092 | <4.9 | <4.9 |
| LV-5-5 | 5 | 6/23/2021 | LCI | <0.85 | <1.7 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <1.7 | <1.7 | <1.7 | <0.85 | <17 | <17 | <17 | <0.85 | <17 | <1.7 | <8.5 | ND | <0.085 | <5.0 | 7.0 |
| LV-5-10 | 10 | 6/23/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.10 | <4.9 | 8.9 |
| LV-5-10-DUP | 10 | 6/23/2021 | LCI | <0.97 | <1.9 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <1.9 | <0.97 | <19 | <19 | <19 | <0.97 | <19 | <1.9 | <9.7 | ND | <0.11 | -- | -- |
| LV-5-15 | 15 | 6/23/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | <21 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | ND | <0.10 | <5.0 | 12 |
| LV-5-20 | 20 | 6/23/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.10 | 7.4 | 22 |
| LV-6-1 | 1 | 6/22/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | 34 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.10 | 9.3 | 57 |
| LV-6-5 | 5 | 6/22/2021 | LCI | 7.7 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | 2.2 | 1.0 | <0.90 | <1.8 | <1.8 | <1.8 | <0.9 | 18 | <18 | <18 | <0.9 | <18 | <1.8 | <9.0 | ND | <0.087 | <5.0 | 7.0 |
| LV-6-10 | 10 | 6/22/2021 | LCI | 1.8 | <1.6 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <1.6 | <1.6 | <1.6 | <0.80 | <16 | <16 | <16 | <0.80 | <16 | <1.6 | <8.0 | ND | <0.088 | <4.9 | <4.9 |
| LV-6-15 | 15 | 6/22/2021 | LCI | <0.97 | <1.9 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <1.9 | <0.97 | <19 | <19 | <19 | <0.97 | <19 | <1.9 | <9.7 | ND | <0.092 | 12 | 14 |
| LV-6-15-DUP | 15 | 6/22/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | <20 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.10 | -- | -- |
| LV-6-20 | 20 | 6/22/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.097 | <5.0 | <5.0 |

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| LV-7-1 | 1 | 6/22/2021 | LCI | <0.82 | <1.6 | <0.82 | <0.82 | <0.82 | <0.82 | 1.8 | 1.6 | <0.82 | <1.6 | 3.5 | <1.6 | <0.82 | 56 | <16 | <16 | <0.82 | <16 | <1.6 | <8.2 | ND | 6.9 | 3900 | 13000 |
| LV-7-5 | 5 | 6/22/2021 | LCI | <0.86 | <1.7 | <0.86 | <0.86 | <0.86 | <0.86 | 4.1 | 3.1 | <0.86 | <1.7 | <1.7 | <1.7 | <0.86 | 19 | <17 | <17 | <0.86 | <17 | <1.7 | <8.6 | ND | <0.074 | <5.0 | 8.5 |
| LV-7-10 | 10 | 6/22/2021 | LCI | <0.72 | <1.4 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <1.4 | <1.4 | <1.4 | <0.72 | <14 | <14 | <14 | <0.72 | <14 | <1.4 | <7.2 | ND | <0.078 | <5.0 | 8.9 |
| LV-8-1 | 1 | 6/18/2021 | LCI | 59 | 160 | <40 | <40 | <40 | <40 | <40 | 2200 | 1000 | 2400 | 820 | <81 | 120 | <810 | <810 | <810 | 100 | <810 | <81 | <400 | 1,4-Dichlorobenzene = 45; n-Butylbenzene = 330; N-Propylbenzene = 140; p-Isopropyltoluene = 100; sec-Butylbenzene = 90; Styrene = 150; Trichlorofluoromethane = 550 | 1.5 | 1800 | 6000 |
| LV-8-3 | 3 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 390 | 1200 |
| LV-8-5 | 5 | 6/18/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | <16 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.086 | 13 | 18 |
| LV-8-10 | 10 | 6/18/2021 | LCI | <1.1 | <2.2 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <2.2 | <1.1 | <22 | <22 | <22 | <1.1 | <22 | <2.2 | <11 | ND | <0.12 | <5.0 | 5.0 |
| LV-9-1 | 1 | 6/22/2021 | LCI | 1.9 | <1.4 | <0.70 | <0.70 | <0.70 | <0.70 | 3.2 | 2.9 | <0.70 | <1.4 | <1.4 | <1.4 | <0.70 | 29 | <14 | <14 | <0.70 | <14 | <1.4 | <7.0 | ND | <0.081 | 51 | 880 |
| LV-9-5 | 5 | 6/22/2021 | LCI | <0.88 | <1.8 | <0.88 | <0.88 | <0.88 | <0.88 | 4.5 | 4.6 | <0.88 | <1.8 | <1.8 | <1.8 | <0.88 | 35 | <18 | <18 | <0.88 | <18 | <1.8 | <8.8 | ND | <0.077 | <5.0 | 5.7 |
| LV-9-10 | 10 | 6/22/2021 | LCI | 3.4 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <1.6 | <0.79 | <16 | <16 | <16 | <0.79 | <16 | <0.79 | <7.9 | ND | <0.10 | <5.0 | 6.0 |
| LV-9-10-DUP | 10 | 6/22/2021 | LCI | 3.4 | <1.5 | <0.74 | <0.74 | <0.74 | <0.74 | 2.2 | <0.74 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 17 | <15 | <15 | <0.74 | <15 | <0.74 | <7.4 | ND | <0.076 | -- | -- |
| LV-10-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.096 | 530 | 760.0 |
| LV-10-5 | 5 | 6/21/2021 | LCI | 1.3 | <1.9 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <1.9 | <1.9 | <1.9 | <0.96 | 22 | <19 | <19 | <0.96 | <19 | <1.9 | <9.6 | ND | <0.087 | <5.1 | 10.0 |
| LV-10-10 | 10 | 6/21/2021 | LCI | 7.7 | <1.5 | <0.74 | <0.74 | <0.74 | <0.74 | 2.7 | 2.4 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 140 | <15 | <15 | <0.74 | <15 | <1.5 | <7.4 | ND | <0.076 | <4.8 | <4.8 |
| LV-11-1 | 1 | 6/21/2021 | LCI | <0.73 | <1.5 | <0.73 | <0.73 | <0.73 | <0.73 | 2.9 | 2.6 | <0.73 | <1.5 | <1.5 | <1.5 | <0.73 | 54 | <15 | <15 | <0.73 | <15 | <1.5 | <7.3 | ND | <0.074 | <5.0 | <5.0 |
| LV-11-1-DUP | 1 | 6/21/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | 3.5 | 3.3 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | 100 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.074 | -- | -- |
| LV-11-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.5 | <5.1 |
| LV-11-5 | 5 | 6/21/2021 | LCI | <0.79 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | 7.3 | 7.2 | 1.4 | 2.8 | <1.6 | <1.6 | <0.79 | 18 | <16 | <16 | <0.79 | <16 | <1.6 | <7.9 | ND | 0.19 | <4.9 | <4.9 |
| LV-11-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.9 | <4.9 |
| LV-11-10 | 10 | 6/21/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.090 | <5.2 | <5.2 |
| LV-12-1 | 1 | 6/21/2021 | LCI | 2.3 | <1.2 | <0.62 | <0.62 | <0.62 | <0.62 | 1.5 | 1.1 | <0.62 | <1.2 | <1.2 | <1.2 | <0.62 | 34 | <12 | <12 | <0.62 | <12 | <1.2 | <6.2 | ND | <0.067 | 5.1 | <4.7 |
| LV-12-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-12-5 | 5 | 6/21/2021 | LCI | <0.77 | <1.5 | <0.77 | <0.77 | <0.77 | <0.77 | 4.3 | 4.4 | 0.91 | <1.5 | <1.5 | <1.5 | <0.77 | 18 | <15 | <15 | <0.77 | <15 | <1.5 | <7.7 | ND | <0.081 | <4.8 | <4.8 |
| LV-12-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | <5.0 |
| LV-12-10 | 10 | 6/21/2021 | LCI | 4.0 | <1.6 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <1.6 | <0.78 | <16 | <16 | <16 | <0.78 | <16 | <1.6 | <7.8 | ND | <0.077 | <5.0 | <5.0 |
| LV-13-1 | 1 | 6/18/2021 | LCI | <0.74 | 1.7 | <0.74 | <0.74 | <0.74 | <0.74 | 1.9 | 1.8 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 120 | <15 | 24 | <0.74 | <15 | <1.5 | <7.4 | ND | 0.17 | 27 | 22 |
| LV-13-2.5 | 2.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | 17 |
| LV-13-5 | 5 | 6/18/2021 | LCI | <0.88 | <1.8 | <0.88 | <0.88 | <0.88 | <0.88 | 2.3 | 2.6 | <0.88 | <1.8 | <1.8 | <1.8 | <0.88 | <18 | <18 | <18 | <0.88 | <18 | <1.8 | <8.8 | ND | <0.090 | 8.0 | 11 |
| LV-13-7.5 | 7.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.8 | <4.8 |
| LV-13-10 | 10 | 6/18/2021 | LCI | <1.1 | <2.2 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <2.2 | <1.1 | <22 | <22 | <22 | <1.1 | <22 | <2.2 | <11 | ND | <0.10 | 10 | 14 |
| LV-14A-1 | 1 | 6/18/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 2.5 | 11 | 6 | 8.1 | 4.0 | <1.0 | 160 | <20 | 22 | <1.0 | <20 | <2.0 | <10 | ND | 0.16 | 530 | 1500 |
| LV-14A-2.5 | 2.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 19 | 32 |
| LV-14A-5 | 5 | 6/18/2021 | LCI | <0.79 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <1.6 | <0.79 | 22 | <16 | <16 | <0.79 | <16 | 1.7 | <7.9 | ND | <0.087 | 15 | 16 |
| LV-14A-7.5 | 7.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | 13 |
| LV-14A-10 | 10 | 6/18/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | 34 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | ND | <0.092 | 5.1 | 7.1 |
| LV-14B-2 | 2 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 160 | 440 |
| LV-15-1 | 1 | 6/21/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | <16 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.071 | 23 | 120 |
| LV-15-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | 29 |
| LV-15-5 | 5 | 6/21/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <1.8 | <1.8 | <1.8 | <0.90 | 24 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.089 | <4.9 | <4.9 |
| LV-15-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-15-10 | 10 | 6/21/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <1.8 | <1.8 | <1.8 | <0.90 | 25 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.096 | <4.9 | <4.9 |
| LV-16-1 | 1 | 6/21/2021 | LCI | <0.76 | <1.5 | <0.76 | <0.76 | <0.76 | <0.76 | 1.4 | 0.93 | <0.76 | <1.5 | <1.5 | <1.5 | <0.76 | 37 | <15 | <15 | <0.76 | <15 | <1.5 | <7.6 | ND | <0.070 | 8.4 | 5.3 |
| LV-16-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | 83 |
| LV-16-5 | 5 | 6/21/2021 | LCI | <0.38 | <0.75 | <0.38 | <0.38 | <0.38 | <0.38 | 1.5 | 1.6 | <0.38 | <0.75 | <0.75 | <0.75 | <0.38 | <7.5 | <7.5 | <7.5 | <0.38 | <7.5 | <0.75 | <7.5 | ND | <0.86 | 6.2 | 7.5 |
| LV-16-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-16-10 | 10 | 6/21/2021 | LCI | <0.86 | <1.7 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <1.7 | <1.7 | <1.7 | <0.86 | <17 | <17 | <17 | <0.86 | <17 | <1.7 | <8.6 | ND | <0.097 | <4.9 | <4.9 |
| LV-17-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | 21 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | Ethanol = 320 | <0.11 | 20 | 120 |
| LV-17-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2400 | 7300 |
| LV-17-5 | 5 | 6/21/2021 | LCI | <42 | <83 | <42 | <42 | <42 | <42 | <42 | <42 | 100 | 610 | 6900 | 2700 | <42 | <830 | <830 | <830 | <42 | <830 | <83 | <420 | n-Butylbenzene = 1000; N-Propylbenzene = 390; p-Isopropyltoluene = 780; sec-Butylbenzene = 410 | 270 | 800 | 2900 |
| LV-17-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14 | 63 |
| LV-17-10 | 10 | 6/21/2021 | LCI | <0.89 | <1.8 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <1.8 | <0.89 | 18 | <18 | <18 | <0.89 | <18 | <1.8 | <8.9 | ND | <0.099 | <4.7 | 11 |

Table A-2 - Historical and June 2021 Soil Analytical Test Results - VOCs in ug/kg and TPH in mg/kg
2200 North Rosemead Boulevard
South El Monte, California

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| LV-18-1 | 1 | 6/21/2021 | LCI | <0.9 | <1.8 | <0.9 | <0.9 | <0.9 | <0.9 | 1.4 | <0.9 | <0.9 | <1.8 | <1.8 | <1.8 | <0.90 | 62 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.091 | 9.7 | 120 |
| LV-18-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.9 | 46 |
| LV-18-5 | 5 | 6/21/2021 | LCI | 2.5 | <1.9 | <0.93 | <0.93 | <0.93 | <0.93 | 5 | 2.9 | <0.93 | <1.9 | <1.9 | <1.9 | <0.93 | <19 | <19 | <19 | <0.93 | <19 | <1.9 | <9.3 | ND | <0.089 | <5.0 | <5.0 |
| LV-18-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | 8.0 |
| LV-18-10 | 10 | 6/21/2021 | LCI | <0.91 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | <18 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | <0.10 | 7.1 | 9.8 |
| LV-18-10-DUP | 10 | 6/21/2021 | LCI | 0.99 | <1.3 | <0.64 | <0.64 | <0.64 | <0.64 | 2.1 | 1.7 | <0.64 | <1.3 | <1.3 | <1.3 | <0.64 | 15 | <13 | <13 | <0.64 | <13 | <1.3 | <6.4 | ND | <0.083 | -- | -- |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LV-19-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.8 | 1.7 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | 290 | <20 | 26 | <1.0 | <20 | <2.0 | <10 | ND | <0.085 | 11.0 | 84 |
| LV-19-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.0 | 63 |
| LV-19-5 | 5 | 6/21/2021 | LCI | <0.82 | <1.6 | <0.82 | <0.82 | <0.82 | <0.82 | 1.5 | 1.1 | <0.82 | <1.6 | <1.6 | <1.6 | <0.82 | <16 | <16 | <16 | <0.82 | <16 | <1.6 | <8.2 | ND | <0.078 | <4.9 | 9.3 |
| LV-19-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.4 | 8.6 |
| LV-19-10 | 10 | 6/21/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | 29 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.092 | 7.8 | 16 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LV-20-0.5 | 0.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Key:
-- = not analyzed
J = Estimated value; concentration above the method detection limit but below the reporting limit
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram

< "X" = not detected above the method detection limit or reporting limit "X"
B = Constituent found in associated method blank
EEC = EEC Environmental
EFI = EFI Global
LCI = Leighton Consulting, Inc.

**Table A-3: Historical Soil Analytical Test Results - Polychlorinated Biphenyls in ug/kg**
**2200 North Rosemead Boulevard**
**South El Monte, California**

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-1 | 2 | 8/22/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-4 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-10 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-11 | 2 | 8/21/2020 | EEC | <250 | <250 | <250 | <250 | <250 | 1,900 | <250 | <250 | <250 |
| | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 15 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-12 | 2 | 8/21/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-13 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 790 H | <50 | <50 | <50 |
| SB-14 | 2 | 8/21/2020 | EEC | <1,200 | <1,200 | <1,200 | <1,200 | <1,200 | 22,000 | <1,200 | <1,200 | <1,200 |
| | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 15 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-15 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 290 J | <50 | <50 | <50 |
| SB-16 | 2 | 8/21/2020 | EEC | <1,000 | <1,000 | <1,000 | <1,000 | <1,000 | 22,000 H | <1,000 | <1,000 | <1,000 |
| | 5 | 8/21/2020 | EEC | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| SB-17 | 2 | 8/22/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-20 | 2 | 8/21/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-27 | 2 | 8/21/2020 | EEC | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 |
| SB-30 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| B1-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 917 | 380 | ND | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 66.7 | 83.8 | ND | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,870 | 729 | ND | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 193 | ND | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 436 | 216 | ND | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 1,020 | 1,140 | ND | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 98.2 | 78.6 | ND | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 3,990 | 2,140 | ND | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 72.5 | ND | ND | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 282 | ND | ND | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 906 | 129 | ND | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,210 | 181 | ND | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 2,920 | 2,450 | ND | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 26,200 | 368 | ND | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 414 | ND | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 30,600 | 2,630 | ND | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 75.7 | ND | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 1,170 | ND | ND | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 162 | ND | ND | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 5,890 | 354 | ND | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 752 | 337 | ND | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B15-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 116 | ND | ND | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 278 | 96.4 | ND | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 265 | 117 | ND | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| LV-1-1 | 1 | 06/23/2021 | LCI | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

**Table A-3: Historical Soil Analytical Test Results - Polychlorinated Biphenyls in ug/kg**
**2200 North Rosemead Boulevard**
**South El Monte, California**

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-1-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-1-15 | 15 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-1-20 | 20 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-15 | 15 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-20 | 20 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | 69 | 210 | 89 | <50 | <50 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-15 | 15 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-20 | 20 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-15 | 15 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-20 | 20 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | 73 | <50 | <50 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 13,000 | 15,000 | 4,000 | <2500 | <2500 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 1,300 | 1,600 | <2500 | <2500 | <2500 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | 250 | 720 | <50 | <50 | <50 |
| LV-9-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 1,400 | 370 | <50 | <50 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 340 | 110 | <50 | <50 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | 580 | 260 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |

**Table A-3: Historical Soil Analytical Test Results - Polychlorinated Biphenyls in ug/kg**
**2200 North Rosemead Boulevard**
**South El Monte, California**

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-18-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 110 | 100 | <50 | <50 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-5 | 5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

Key:
-- = not analyzed
J = Estimated value; concentration above the method detection limit but below the reporting limit
DF = Dilution Factor
ug/kg = micrograms per kilogram
< "X" = not detected above the method detection limit or reporting limit "X"
EEC = EEC Environmental
EFI = EFI Global
LCI = Leighton Consulting, Inc.

# APPENDIX B

# ProUCL PRINTOUTS

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/11/2021 8:15:28 AM

**User Selected Options**

From File South El Monte Sb, Co, Ni stats.xls

Full Precision OFF

**From File: South El Monte Sb, Co, Ni stats.xls**

**General Statistics for Censored Data Set (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony (mg/Kg) | 112 | 0 | 21 | 91 | 81.25% | -3.3 | -2.6 | 5.651 | 4807 | 69.33 | 12.27 |
| Cobalt (mg/Kg) | 111 | 0 | 109 | 2 | 1.80% | -0.971 | -0.971 | 8.409 | 31.28 | 5.593 | 0.665 |

**General Statistics for Raw Data Sets using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony (mg/Kg) | 21 | 0 | 1.6 | 730 | 44.44 | 2.98 | 24976 | 158 | 2.046 | 4.496 | 3.556 |
| Cobalt (mg/Kg) | 109 | 0 | 0.991 | 35 | 8.581 | 7.8 | 30.49 | 5.522 | 4.596 | 1.927 | 0.644 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony (mg/Kg) | 112 | 0 | -3.13 | -3.08 | -3.023 | -2.965 | -2.865 | -2.62 | 2.62 | 12.73 | 73.5 |
| Cobalt (mg/Kg) | 111 | 0 | 2.74 | 3.8 | 4.64 | 7.78 | 10.95 | 11.7 | 14 | 17.4 | 30.1 |

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/5/2021 9:08:42 AM

**User Selected Options**

From File South El Monte As & Pb stats.xls

Full Precision OFF

**From File: South El Monte As & Pb stats.xls**

**General Statistics for Censored Datasets (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic (mg/Kg) | 123 | 0 | 61 | 62 | 50.41% | 2.36 | 2.63 | 4.673 | 30.97 | 5.565 | 1.191 |

**General Statistics for Raw Dataset using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic (mg/Kg) | 61 | 0 | 1.6 | 40.2 | 7.38 | 5 | 48.63 | 6.973 | 2.817 | 2.806 | 0.945 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic (mg/Kg) | 123 | 0 | 2.43 | 2.46 | 2.5 | 2.63 | 5 | 6.4 | 8.1 | 13.95 | 28.46 |

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/5/2021 9:09:30 AM

**User Selected Options**

From File South El Monte As & Pb stats_a.xls

Full Precision OFF

**From File: South El Monte As & Pb stats_a.xls**

**General Statistics for Censored Datasets (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead (mg/Kg) | 181 | 0 | 122 | 59 | 32.60% | 0.521 | 5.26 | 554.6 | 7461590 | 2732 | 4.925 |

**General Statistics for Raw Dataset using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead (mg/Kg) | 122 | 0 | 3.6 | 26000 | 821.1 | 18.5 | 10941855 | 3308 | 18.46 | 5.917 | 4.028 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead (mg/Kg) | 181 | 0 | 4.85 | 5 | 5.03 | 8.4 | 47 | 93.1 | 631 | 2300 | 14380 |

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/12/2021 10:29:31 AM

**User Selected Options**

From File South El Monte Mo Stats.xls

Full Precision OFF

**From File: South El Monte Mo Stats.xls**

**General Statistics for Censored Datasets (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum (mg/kg) | 119 | 1 | 20 | 99 | 83.19% | 0.476 | 1.1 | 6.279 | 1988 | 44.59 | 7.101 |

**General Statistics for Raw Dataset using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum (mg/kg) | 20 | 1 | 0.543 | 480 | 34.99 | 3.075 | 11410 | 106.8 | 3.447 | 4.213 | 3.053 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Molybdenum (mg/kg) | 119 | 1 | 0.485 | 0.492 | 0.495 | 0.513 | 0.93 | 0.97 | 1.18 | 11.47 | 81.1 |

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/11/2021 8:16:34 AM |
| From File | South El Monte Sb, Co, Ni stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Antimony (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 112 | Number of Distinct Observations | 41 |
| Number of Detects | 21 | Number of Non-Detects | 91 |
| Number of Distinct Detects | 16 | Number of Distinct Non-Detects | 25 |
| Minimum Detect | 1.6 | Minimum Non-Detect | -3.3 |
| Maximum Detect | 730 | Maximum Non-Detect | -2.6 |
| Variance Detects | 24976 | Percent Non-Detects | 81.25% |
| Mean Detects | 44.44 | SD Detects | 158 |
| Median Detects | 2.98 | CV Detects | 3.556 |
| Skewness Detects | 4.496 | Kurtosis Detects | 20.42 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.287 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.908 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.444 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.188 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 5.651 | KM Standard Error of Mean | 6.713 |
| KM SD | 69.33 | 95% KM (BCA) UCL | 18.17 |
| 95% KM (t) UCL | 16.79 | 95% KM (Percentile Bootstrap) UCL | 18.44 |
| 95% KM (z) UCL | 16.69 | 95% KM Bootstrap t UCL | 119.8 |
| 90% KM Chebyshev UCL | 25.79 | 95% KM Chebyshev UCL | 34.91 |
| 97.5% KM Chebyshev UCL | 47.57 | 99% KM Chebyshev UCL | 72.45 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 3.422 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.839 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.299 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.205 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.333 | k star (bias corrected MLE) | 0.317 |
| Theta hat (MLE) | 133.4 | Theta star (bias corrected MLE) | 140.1 |
| nu hat (MLE) | 13.99 | nu star (bias corrected) | 13.32 |
| Mean (detects) | 44.44 | | |

### Estimates of Gamma Parameters using KM Estimates

| | | | |
|---|---|---|---|
| Mean (KM) | 5.651 | SD (KM) | 69.33 |
| Variance (KM) | 4807 | SE of Mean (KM) | 6.713 |
| k hat (KM) | 0.00664 | k star (KM) | 0.0124 |
| nu hat (KM) | 1.488 | nu star (KM) | 2.781 |
| theta hat (KM) | 850.7 | theta star (KM) | 455.1 |
| 80% gamma percentile (KM) | 4.0464E-6 | 90% gamma percentile (KM) | 0.0533 |
| 95% gamma percentile (KM) | 4.185 | 99% gamma percentile (KM) | 157.4 |

### Gamma Kaplan-Meier (KM) Statistics

| | | | |
|---|---|---|---|
| | | Adjusted Level of Significance (β) | 0.0479 |
| Approximate Chi Square Value (2.78, α) | 0.311 | Adjusted Chi Square Value (2.78, β) | 0.302 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 50.58 | 95% Gamma Adjusted KM-UCL (use when n<50) | 52.03 |

### Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution

| | | | |
|---|---|---|---|
| KM Mean (logged) | N/A | KM Geo Mean | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | 95% H-UCL (KM -Log) | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | | |

### DL/2 Statistics

| | | | |
|---|---|---|---|
| Mean in Original Scale | 7.116 | SD in Original Scale | 69.46 |
| 95% t UCL (Assumes normality) | 18 | | |

DL/2 is not a recommended method, provided for comparisons and historical reasons

### Nonparametric Distribution Free UCL Statistics

Data do not follow a Discernible Distribution at 5% Significance Level

### Suggested UCL to Use

| | |
|---|---|
| 99% KM (Chebyshev) UCL | 72.45 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## Cobalt (mg/Kg)

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 111 | Number of Distinct Observations | 97 |
| Number of Detects | 109 | Number of Non-Detects | 2 |
| Number of Distinct Detects | 96 | Number of Distinct Non-Detects | 1 |
| Minimum Detect | 0.991 | Minimum Non-Detect | -0.971 |
| Maximum Detect | 35 | Maximum Non-Detect | -0.971 |
| Variance Detects | 30.49 | Percent Non-Detects | 1.802% |
| Mean Detects | 8.581 | SD Detects | 5.522 |
| Median Detects | 7.8 | CV Detects | 0.644 |

| | | | |
|---|---|---|---|
| Skewness Detects | 1.927 | Kurtosis Detects | 6.167 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.863 | **Normal GOF Test on Detected Observations Only** | |
| 5% Shapiro Wilk P Value | 4.996E-15 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.106 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.0852 | Detected Data Not Normal at 5% Significance Level | |

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 8.409 | KM Standard Error of Mean | 0.533 |
| KM SD | 5.593 | 95% KM (BCA) UCL | 9.351 |
| 95% KM (t) UCL | 9.293 | 95% KM (Percentile Bootstrap) UCL | 9.303 |
| 95% KM (z) UCL | 9.286 | 95% KM Bootstrap t UCL | 9.446 |
| 90% KM Chebyshev UCL | 10.01 | 95% KM Chebyshev UCL | 10.73 |
| 97.5% KM Chebyshev UCL | 11.74 | 99% KM Chebyshev UCL | 13.71 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.32 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.76 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.0561 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0879 | Detected data appear Gamma Distributed at 5% Significance Level |

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 2.747 | k star (bias corrected MLE) | 2.678 |
| Theta hat (MLE) | 3.123 | Theta star (bias corrected MLE) | 3.204 |
| nu hat (MLE) | 598.9 | nu star (bias corrected) | 583.7 |
| Mean (detects) | 8.581 | | |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 8.409 | SD (KM) | 5.593 |
| Variance (KM) | 31.28 | SE of Mean (KM) | 0.533 |
| k hat (KM) | 2.26 | k star (KM) | 2.205 |
| nu hat (KM) | 501.8 | nu star (KM) | 489.6 |
| theta hat (KM) | 3.72 | theta star (KM) | 3.813 |
| 80% gamma percentile (KM) | 12.44 | 90% gamma percentile (KM) | 15.98 |
| 95% gamma percentile (KM) | 19.34 | 99% gamma percentile (KM) | 26.75 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| | | Adjusted Level of Significance (β) | 0.0478 |
| Approximate Chi Square Value (489.57, α) | 439.3 | Adjusted Chi Square Value (489.57, β) | 438.6 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 9.372 | 95% Gamma Adjusted KM-UCL (use when n<50) | 9.385 |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | N/A | KM Geo Mean | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | 95% H-UCL (KM -Log) | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |

| | |
|---|---|
| KM Standard Error of Mean (logged) | N/A |

**DL/2 Statistics**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 8.417 | SD in Original Scale | 5.604 |
| 95% t UCL (Assumes normality) | 9.3 | | |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | | | |
|---|---|---|---|
| 95% KM Approximate Gamma UCL | 9.372 | 95% GROS Approximate Gamma UCL | N/A |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/11/2021 8:16:34 AM |
| From File | South El Monte Sb, Co, Ni stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Antimony (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 112 | Number of Distinct Observations | 41 |
| Number of Detects | 21 | Number of Non-Detects | 91 |
| Number of Distinct Detects | 16 | Number of Distinct Non-Detects | 25 |
| Minimum Detect | 1.6 | Minimum Non-Detect | -3.3 |
| Maximum Detect | 730 | Maximum Non-Detect | -2.6 |
| Variance Detects | 24976 | Percent Non-Detects | 81.25% |
| Mean Detects | 44.44 | SD Detects | 158 |
| Median Detects | 2.98 | CV Detects | 3.556 |
| Skewness Detects | 4.496 | Kurtosis Detects | 20.42 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.287 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.908 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.444 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.188 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 5.651 | KM Standard Error of Mean | 6.713 |
| KM SD | 69.33 | 95% KM (BCA) UCL | 18.17 |
| 95% KM (t) UCL | 16.79 | 95% KM (Percentile Bootstrap) UCL | 18.44 |
| 95% KM (z) UCL | 16.69 | 95% KM Bootstrap t UCL | 119.8 |
| 90% KM Chebyshev UCL | 25.79 | 95% KM Chebyshev UCL | 34.91 |
| 97.5% KM Chebyshev UCL | 47.57 | 99% KM Chebyshev UCL | 72.45 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 3.422 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.839 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.299 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.205 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.333 | k star (bias corrected MLE) | 0.317 |
| Theta hat (MLE) | 133.4 | Theta star (bias corrected MLE) | 140.1 |
| nu hat (MLE) | 13.99 | nu star (bias corrected) | 13.32 |
| Mean (detects) | 44.44 | | |

### Estimates of Gamma Parameters using KM Estimates

| | | | |
|---|---|---|---|
| Mean (KM) | 5.651 | SD (KM) | 69.33 |
| Variance (KM) | 4807 | SE of Mean (KM) | 6.713 |
| k hat (KM) | 0.00664 | k star (KM) | 0.0124 |
| nu hat (KM) | 1.488 | nu star (KM) | 2.781 |
| theta hat (KM) | 850.7 | theta star (KM) | 455.1 |
| 80% gamma percentile (KM) | 4.0464E-6 | 90% gamma percentile (KM) | 0.0533 |
| 95% gamma percentile (KM) | 4.185 | 99% gamma percentile (KM) | 157.4 |

### Gamma Kaplan-Meier (KM) Statistics

| | | | |
|---|---|---|---|
| | | Adjusted Level of Significance (β) | 0.0479 |
| Approximate Chi Square Value (2.78, α) | 0.311 | Adjusted Chi Square Value (2.78, β) | 0.302 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 50.58 | 95% Gamma Adjusted KM-UCL (use when n<50) | 52.03 |

### Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution

| | | | |
|---|---|---|---|
| KM Mean (logged) | N/A | KM Geo Mean | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | 95% H-UCL (KM -Log) | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | | |

### DL/2 Statistics

| | | | |
|---|---|---|---|
| Mean in Original Scale | 7.116 | SD in Original Scale | 69.46 |
| 95% t UCL (Assumes normality) | 18 | | |

DL/2 is not a recommended method, provided for comparisons and historical reasons

### Nonparametric Distribution Free UCL Statistics

Data do not follow a Discernible Distribution at 5% Significance Level

### Suggested UCL to Use

| | |
|---|---|
| 99% KM (Chebyshev) UCL | 72.45 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## Cobalt (mg/Kg)

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 111 | Number of Distinct Observations | 97 |
| Number of Detects | 109 | Number of Non-Detects | 2 |
| Number of Distinct Detects | 96 | Number of Distinct Non-Detects | 1 |
| Minimum Detect | 0.991 | Minimum Non-Detect | -0.971 |
| Maximum Detect | 35 | Maximum Non-Detect | -0.971 |
| Variance Detects | 30.49 | Percent Non-Detects | 1.802% |
| Mean Detects | 8.581 | SD Detects | 5.522 |
| Median Detects | 7.8 | CV Detects | 0.644 |

| | | | |
|---|---|---|---|
| Skewness Detects | 1.927 | Kurtosis Detects | 6.167 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.863 | **Normal GOF Test on Detected Observations Only** | |
| 5% Shapiro Wilk P Value | 4.996E-15 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.106 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.0852 | Detected Data Not Normal at 5% Significance Level | |

Detected Data Not Normal at 5% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 8.409 | KM Standard Error of Mean | 0.533 |
| KM SD | 5.593 | 95% KM (BCA) UCL | 9.351 |
| 95% KM (t) UCL | 9.293 | 95% KM (Percentile Bootstrap) UCL | 9.303 |
| 95% KM (z) UCL | 9.286 | 95% KM Bootstrap t UCL | 9.446 |
| 90% KM Chebyshev UCL | 10.01 | 95% KM Chebyshev UCL | 10.73 |
| 97.5% KM Chebyshev UCL | 11.74 | 99% KM Chebyshev UCL | 13.71 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.32 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.76 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.0561 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0879 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data appear Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 2.747 | k star (bias corrected MLE) | 2.678 |
| Theta hat (MLE) | 3.123 | Theta star (bias corrected MLE) | 3.204 |
| nu hat (MLE) | 598.9 | nu star (bias corrected) | 583.7 |
| Mean (detects) | 8.581 | | |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 8.409 | SD (KM) | 5.593 |
| Variance (KM) | 31.28 | SE of Mean (KM) | 0.533 |
| k hat (KM) | 2.26 | k star (KM) | 2.205 |
| nu hat (KM) | 501.8 | nu star (KM) | 489.6 |
| theta hat (KM) | 3.72 | theta star (KM) | 3.813 |
| 80% gamma percentile (KM) | 12.44 | 90% gamma percentile (KM) | 15.98 |
| 95% gamma percentile (KM) | 19.34 | 99% gamma percentile (KM) | 26.75 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| | | Adjusted Level of Significance (β) | 0.0478 |
| Approximate Chi Square Value (489.57, α) | 439.3 | Adjusted Chi Square Value (489.57, β) | 438.6 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 9.372 | 95% Gamma Adjusted KM-UCL (use when n<50) | 9.385 |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | N/A | KM Geo Mean | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |
| KM Standard Error of Mean (logged) | N/A | 95% H-UCL (KM -Log) | N/A |
| KM SD (logged) | N/A | 95% Critical H Value (KM-Log) | N/A |

| | |
|---|---|
| KM Standard Error of Mean (logged) | N/A |

**DL/2 Statistics**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 8.417 | SD in Original Scale | 5.604 |
| 95% t UCL (Assumes normality) | 9.3 | | |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | | | |
|---|---|---|---|
| 95% KM Approximate Gamma UCL | 9.372 | 95% GROS Approximate Gamma UCL | N/A |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/5/2021 9:04:56 AM |
| From File | South El Monte As & Pb stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Arsenic (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 123 | Number of Distinct Observations | 71 |
| Number of Detects | 61 | Number of Non-Detects | 62 |
| Number of Distinct Detects | 55 | Number of Distinct Non-Detects | 18 |
| Minimum Detect | 1.6 | Minimum Non-Detect | 2.36 |
| Maximum Detect | 40.2 | Maximum Non-Detect | 2.63 |
| Variance Detects | 48.63 | Percent Non-Detects | 50.41% |
| Mean Detects | 7.38 | SD Detects | 6.973 |
| Median Detects | 5 | CV Detects | 0.945 |
| Skewness Detects | 2.806 | Kurtosis Detects | 9.081 |
| Mean of Logged Detects | 1.733 | SD of Logged Detects | 0.674 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.673 | **Normal GOF Test on Detected Observations Only** |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.262 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.113 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 4.673 | KM Standard Error of Mean | 0.511 |
| KM SD | 5.565 | 95% KM (BCA) UCL | 5.624 |
| 95% KM (t) UCL | 5.521 | 95% KM (Percentile Bootstrap) UCL | 5.543 |
| 95% KM (z) UCL | 5.514 | 95% KM Bootstrap t UCL | 5.819 |
| 90% KM Chebyshev UCL | 6.207 | 95% KM Chebyshev UCL | 6.902 |
| 97.5% KM Chebyshev UCL | 7.867 | 99% KM Chebyshev UCL | 9.761 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 2.451 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.763 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.159 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.115 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 2.032 | k star (bias corrected MLE) | 1.943 |
| Theta hat (MLE) | 3.632 | Theta star (bias corrected MLE) | 3.798 |
| nu hat (MLE) | 247.9 | nu star (bias corrected) | 237.1 |

| | |
|---|---|
| Mean (detects) | 7.38 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 3.665 |
| Maximum | 40.2 | Median | 0.01 |
| SD | 6.132 | CV | 1.673 |
| k hat (MLE) | 0.256 | k star (bias corrected MLE) | 0.255 |
| Theta hat (MLE) | 14.3 | Theta star (bias corrected MLE) | 14.35 |
| nu hat (MLE) | 63.04 | nu star (bias corrected) | 62.84 |
| Adjusted Level of Significance (β) | 0.048 | | |
| Approximate Chi Square Value (62.84, α) | 45.6 | Adjusted Chi Square Value (62.84, β) | 45.43 |
| 95% Gamma Approximate UCL (use when n>=50) | 5.05 | 95% Gamma Adjusted UCL (use when n<50) | 5.07 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 4.673 | SD (KM) | 5.565 |
| Variance (KM) | 30.97 | SE of Mean (KM) | 0.511 |
| k hat (KM) | 0.705 | k star (KM) | 0.693 |
| nu hat (KM) | 173.4 | nu star (KM) | 170.5 |
| theta hat (KM) | 6.628 | theta star (KM) | 6.74 |
| 80% gamma percentile (KM) | 7.684 | 90% gamma percentile (KM) | 11.76 |
| 95% gamma percentile (KM) | 15.96 | 99% gamma percentile (KM) | 26.01 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (170.55, α) | 141.3 | Adjusted Chi Square Value (170.55, β) | 141 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 5.638 | 95% Gamma Adjusted KM-UCL (use when n<50) | 5.651 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.945 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk P Value | 0.0159 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.104 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.113 | Detected Data appear Lognormal at 5% Significance Level |

Detected Data appear Approximate Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 4.387 | Mean in Log Scale | 1.005 |
| SD in Original Scale | 5.74 | SD in Log Scale | 0.912 |
| 95% t UCL (assumes normality of ROS data) | 5.245 | 95% Percentile Bootstrap UCL | 5.301 |
| 95% BCA Bootstrap UCL | 5.44 | 95% Bootstrap t UCL | 5.479 |
| 95% H-UCL (Log ROS) | 4.931 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 1.206 | KM Geo Mean | 3.34 |
| KM SD (logged) | 0.711 | 95% Critical H Value (KM-Log) | 1.956 |
| KM Standard Error of Mean (logged) | 0.0758 | 95% H-UCL (KM -Log) | 4.879 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 0.711 | 95% Critical H Value (KM-Log) | 1.956 |
| KM Standard Error of Mean (logged) | 0.0758 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 4.292 | Mean in Log Scale | 0.973 |
| SD in Original Scale | 5.777 | SD in Log Scale | 0.893 |
| 95% t UCL (Assumes normality) | 5.155 | 95% H-Stat UCL | 4.669 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| KM H-UCL | 4.879 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/5/2021 9:06:49 AM |
| From File | South El Monte As & Pb stats_a.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Lead (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 181 | Number of Distinct Observations | 127 |
| Number of Detects | 122 | Number of Non-Detects | 59 |
| Number of Distinct Detects | 109 | Number of Distinct Non-Detects | 18 |
| Minimum Detect | 3.6 | Minimum Non-Detect | 0.521 |
| Maximum Detect | 26000 | Maximum Non-Detect | 5.26 |
| Variance Detects | 10941855 | Percent Non-Detects | 32.6% |
| Mean Detects | 821.1 | SD Detects | 3308 |
| Median Detects | 18.5 | CV Detects | 4.028 |
| Skewness Detects | 5.917 | Kurtosis Detects | 37.78 |
| Mean of Logged Detects | 3.761 | SD of Logged Detects | 2.111 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.283 | **Normal GOF Test on Detected Observations Only** |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.405 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.0806 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 554.6 | KM Standard Error of Mean | 203.9 |
| KM SD | 2732 | 95% KM (BCA) UCL | 956.8 |
| 95% KM (t) UCL | 891.7 | 95% KM (Percentile Bootstrap) UCL | 917.6 |
| 95% KM (z) UCL | 889.9 | 95% KM Bootstrap t UCL | 1264 |
| 90% KM Chebyshev UCL | 1166 | 95% KM Chebyshev UCL | 1443 |
| 97.5% KM Chebyshev UCL | 1828 | 99% KM Chebyshev UCL | 2583 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 16.56 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.897 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.276 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0922 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.242 | k star (bias corrected MLE) | 0.242 |
| Theta hat (MLE) | 3392 | Theta star (bias corrected MLE) | 3399 |
| nu hat (MLE) | 59.06 | nu star (bias corrected) | 58.94 |

| | |
|---|---|
| Mean (detects) | 821.1 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 553.5 |
| Maximum | 26000 | Median | 8.4 |
| SD | 2739 | CV | 4.95 |
| k hat (MLE) | 0.146 | k star (bias corrected MLE) | 0.147 |
| Theta hat (MLE) | 3789 | Theta star (bias corrected MLE) | 3757 |
| nu hat (MLE) | 52.88 | nu star (bias corrected) | 53.33 |
| Adjusted Level of Significance (β) | 0.0487 | | |
| Approximate Chi Square Value (53.33, α) | 37.55 | Adjusted Chi Square Value (53.33, β) | 37.45 |
| 95% Gamma Approximate UCL (use when n>=50) | 786 | 95% Gamma Adjusted UCL (use when n<50) | 788.2 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 554.6 | SD (KM) | 2732 |
| Variance (KM) | 7461590 | SE of Mean (KM) | 203.9 |
| k hat (KM) | 0.0412 | k star (KM) | 0.0442 |
| nu hat (KM) | 14.92 | nu star (KM) | 16.01 |
| theta hat (KM) | 13454 | theta star (KM) | 12541 |
| 80% gamma percentile (KM) | 47.13 | 90% gamma percentile (KM) | 710.7 |
| 95% gamma percentile (KM) | 2804 | 99% gamma percentile (KM) | 12644 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (16.01, α) | 7.968 | Adjusted Chi Square Value (16.01, β) | 7.923 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 1114 | 95% Gamma Adjusted KM-UCL (use when n<50) | 1121 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.844 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Lognormal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.163 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.0806 | Detected Data Not Lognormal at 5% Significance Level | |

Detected Data Not Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 553.7 | Mean in Log Scale | 2.296 |
| SD in Original Scale | 2739 | SD in Log Scale | 2.795 |
| 95% t UCL (assumes normality of ROS data) | 890.3 | 95% Percentile Bootstrap UCL | 905.6 |
| 95% BCA Bootstrap UCL | 1023 | 95% Bootstrap t UCL | 1256 |
| 95% H-UCL (Log ROS) | 1177 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 2.861 | KM Geo Mean | 17.47 |
| KM SD (logged) | 2.217 | 95% Critical H Value (KM-Log) | 3.463 |
| KM Standard Error of Mean (logged) | 0.212 | 95% H-UCL (KM -Log) | 361.2 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 2.217 | 95% Critical H Value (KM-Log) | 3.463 |
| KM Standard Error of Mean (logged) | 0.212 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 554.3 | Mean in Log Scale | 2.821 |
| SD in Original Scale | 2739 | SD in Log Scale | 2.205 |
| 95% t UCL (Assumes normality) | 890.9 | 95% H-Stat UCL | 336.7 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution at 5% Significance Level

**Suggested UCL to Use**

95% KM (Chebyshev) UCL 1443

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/17/2021 2:03:07 PM |
| From File | South El Monte Pb remediation_b.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Virtual Remediation Exercise. Removed all samples with concentrations higher than 2,000 mg/kg**

**Lead (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 171 | Number of Distinct Observations | 117 |
| Number of Detects | 112 | Number of Non-Detects | 59 |
| Number of Distinct Detects | 99 | Number of Distinct Non-Detects | 18 |
| Minimum Detect | 3.6 | Minimum Non-Detect | 0.521 |
| Maximum Detect | 1640 | Maximum Non-Detect | 5.26 |
| Variance Detects | 66276 | Percent Non-Detects | 34.5% |
| Mean Detects | 117.9 | SD Detects | 257.4 |
| Median Detects | 14.75 | CV Detects | 2.183 |
| Skewness Detects | 3.424 | Kurtosis Detects | 13.66 |
| Mean of Logged Detects | 3.323 | SD of Logged Detects | 1.559 |

### Normal GOF Test on Detects Only

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.505 | **Normal GOF Test on Detected Observations Only** | |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.332 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.084 | Detected Data Not Normal at 5% Significance Level | |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 78.44 | KM Standard Error of Mean | 16.47 |
| KM SD | 214.4 | 95% KM (BCA) UCL | 108.3 |
| 95% KM (t) UCL | 105.7 | 95% KM (Percentile Bootstrap) UCL | 107.1 |
| 95% KM (z) UCL | 105.5 | 95% KM Bootstrap t UCL | 113.6 |
| 90% KM Chebyshev UCL | 127.9 | 95% KM Chebyshev UCL | 150.2 |
| 97.5% KM Chebyshev UCL | 181.3 | 99% KM Chebyshev UCL | 242.4 |

### Gamma GOF Tests on Detected Observations Only

| | | | |
|---|---|---|---|
| A-D Test Statistic | 10.47 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.832 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.218 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.092 | Detected Data Not Gamma Distributed at 5% Significance Level | |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.447 | k star (bias corrected MLE) | 0.441 |
| Theta hat (MLE) | 263.8 | Theta star (bias corrected MLE) | 267.4 |
| nu hat (MLE) | 100.1 | nu star (bias corrected) | 98.77 |

| | |
|---|---|
| Mean (detects) | 117.9 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 77.23 |
| Maximum | 1640 | Median | 8.1 |
| SD | 215.5 | CV | 2.79 |
| k hat (MLE) | 0.196 | k star (bias corrected MLE) | 0.197 |
| Theta hat (MLE) | 393.3 | Theta star (bias corrected MLE) | 392.4 |
| nu hat (MLE) | 67.15 | nu star (bias corrected) | 67.3 |
| Adjusted Level of Significance (β) | 0.0486 | | |
| Approximate Chi Square Value (67.30, α) | 49.42 | Adjusted Chi Square Value (67.30, β) | 49.29 |
| 95% Gamma Approximate UCL (use when n>=50) | 105.2 | 95% Gamma Adjusted UCL (use when n<50) | 105.4 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 78.44 | SD (KM) | 214.4 |
| Variance (KM) | 45979 | SE of Mean (KM) | 16.47 |
| k hat (KM) | 0.134 | k star (KM) | 0.135 |
| nu hat (KM) | 45.77 | nu star (KM) | 46.3 |
| theta hat (KM) | 586.2 | theta star (KM) | 579.4 |
| 80% gamma percentile (KM) | 77.98 | 90% gamma percentile (KM) | 228.6 |
| 95% gamma percentile (KM) | 439.8 | 99% gamma percentile (KM) | 1066 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (46.30, α) | 31.69 | Adjusted Chi Square Value (46.30, β) | 31.58 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 114.6 | 95% Gamma Adjusted KM-UCL (use when n<50) | 115 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.861 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk P Value | 7.772E-16 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.167 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.084 | Detected Data Not Lognormal at 5% Significance Level |

Detected Data Not Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 77.67 | Mean in Log Scale | 2.17 |
| SD in Original Scale | 215.3 | SD in Log Scale | 2.085 |
| 95% t UCL (assumes normality of ROS data) | 104.9 | 95% Percentile Bootstrap UCL | 106.3 |
| 95% BCA Bootstrap UCL | 112.1 | 95% Bootstrap t UCL | 113.3 |
| 95% H-UCL (Log ROS) | 130.4 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 2.521 | KM Geo Mean | 12.45 |
| KM SD (logged) | 1.752 | 95% Critical H Value (KM-Log) | 2.917 |
| KM Standard Error of Mean (logged) | 0.194 | 95% H-UCL (KM -Log) | 85.53 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 1.752 | 95% Critical H Value (KM-Log) | 2.917 |
| KM Standard Error of Mean (logged) | 0.194 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 78.07 | Mean in Log Scale | 2.479 |
| SD in Original Scale | 215.2 | SD in Log Scale | 1.726 |
| 95% t UCL (Assumes normality) | 105.3 | 95% H-Stat UCL | 77.5 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (Chebyshev) UCL | 150.2 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/12/2021 10:30:17 AM |
| From File | South El Monte Mo Stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Molybdenum (mg/kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 119 | Number of Distinct Observations | 49 |
| | | Number of Missing Observations | 1 |
| Number of Detects | 20 | Number of Non-Detects | 99 |
| Number of Distinct Detects | 20 | Number of Distinct Non-Detects | 30 |
| Minimum Detect | 0.543 | Minimum Non-Detect | 0.476 |
| Maximum Detect | 480 | Maximum Non-Detect | 1.1 |
| Variance Detects | 11410 | Percent Non-Detects | 83.19% |
| Mean Detects | 34.99 | SD Detects | 106.8 |
| Median Detects | 3.075 | CV Detects | 3.053 |
| Skewness Detects | 4.213 | Kurtosis Detects | 18.24 |
| Mean of Logged Detects | 1.502 | SD of Logged Detects | 1.871 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.351 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.905 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.396 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.192 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 6.279 | KM Standard Error of Mean | 4.194 |
| KM SD | 44.59 | 95% KM (BCA) UCL | 14.77 |
| 95% KM (t) UCL | 13.23 | 95% KM (Percentile Bootstrap) UCL | 14.25 |
| 95% KM (z) UCL | 13.18 | 95% KM Bootstrap t UCL | 59.41 |
| 90% KM Chebyshev UCL | 18.86 | 95% KM Chebyshev UCL | 24.56 |
| 97.5% KM Chebyshev UCL | 32.47 | 99% KM Chebyshev UCL | 48.01 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 2.035 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.838 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.227 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.209 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.331 | k star (bias corrected MLE) | 0.314 |
| Theta hat (MLE) | 105.8 | Theta star (bias corrected MLE) | 111.3 |

| | | | |
|---|---|---|---|
| nu hat (MLE) | 13.22 | nu star (bias corrected) | 12.57 |
| Mean (detects) | 34.99 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 5.889 |
| Maximum | 480 | Median | 0.01 |
| SD | 44.83 | CV | 7.613 |
| k hat (MLE) | 0.144 | k star (bias corrected MLE) | 0.146 |
| Theta hat (MLE) | 40.78 | Theta star (bias corrected MLE) | 40.23 |
| nu hat (MLE) | 34.37 | nu star (bias corrected) | 34.83 |
| Adjusted Level of Significance (β) | 0.048 | | |
| Approximate Chi Square Value (34.83, α) | 22.33 | Adjusted Chi Square Value (34.83, β) | 22.21 |
| 95% Gamma Approximate UCL (use when n>=50) | 9.186 | 95% Gamma Adjusted UCL (use when n<50) | 9.236 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 6.279 | SD (KM) | 44.59 |
| Variance (KM) | 1988 | SE of Mean (KM) | 4.194 |
| k hat (KM) | 0.0198 | k star (KM) | 0.0249 |
| nu hat (KM) | 4.72 | nu star (KM) | 5.934 |
| theta hat (KM) | 316.6 | theta star (KM) | 251.8 |
| 80% gamma percentile (KM) | 0.0187 | 90% gamma percentile (KM) | 2.126 |
| 95% gamma percentile (KM) | 19.89 | 99% gamma percentile (KM) | 169.4 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.93, α) | 1.606 | Adjusted Chi Square Value (5.93, β) | 1.579 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 23.2 | 95% Gamma Adjusted KM-UCL (use when n<50) | 23.6 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.895 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk Critical Value | 0.905 | Detected Data Not Lognormal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.18 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.192 | Detected Data appear Lognormal at 5% Significance Level | |

Detected Data appear Approximate Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 5.891 | Mean in Log Scale | -4.961 |
| SD in Original Scale | 44.83 | SD in Log Scale | 3.715 |
| 95% t UCL (assumes normality of ROS data) | 12.7 | 95% Percentile Bootstrap UCL | 13.82 |
| 95% BCA Bootstrap UCL | 20.48 | 95% Bootstrap t UCL | 60.59 |
| 95% H-UCL (Log ROS) | 47.38 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -0.361 | KM Geo Mean | 0.697 |
| KM SD (logged) | 1.124 | 95% Critical H Value (KM-Log) | 2.341 |

| | | | |
|---|---|---|---|
| KM Standard Error of Mean (logged) | 0.106 | 95% H-UCL (KM -Log) | 1.67 |
| KM SD (logged) | 1.124 | 95% Critical H Value (KM-Log) | 2.341 |
| KM Standard Error of Mean (logged) | 0.106 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 6.126 | Mean in Log Scale | -0.794 |
| SD in Original Scale | 44.8 | SD in Log Scale | 1.302 |
| 95% t UCL (Assumes normality) | 12.93 | 95% H-Stat UCL | 1.427 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| KM H-UCL | 1.67 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/11/2021 9:52:46 AM

**User Selected Options**

From File PCB Stats.xls

Full Precision OFF

**From File: PCB Stats.xls**

**General Statistics for Censored Data Set (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 (mg/Kg) | 106 | 0 | 4 | 102 | 96.23% | 0.049 | 2.5 | 0.185 | 1.579 | 1.257 | 6.776 |
| Aroclor-1254 (mg/Kg) | 158 | 0 | 33 | 125 | 79.11% | 0.049 | 2.5 | 0.974 | 17.43 | 4.174 | 4.284 |
| Aroclor-1260 (mg/Kg) | 158 | 0 | 25 | 133 | 84.18% | 0.049 | 2.5 | 0.15 | 0.212 | 0.46 | 3.071 |

**General Statistics for Raw Data Sets using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 (mg/Kg) | 4 | 0 | 0.069 | 13 | 3.655 | 0.775 | 39.11 | 6.254 | 0.913 | 1.956 | 1.711 |
| Aroclor-1254 (mg/Kg) | 33 | 0 | 0.0667 | 30.6 | 4.472 | 0.906 | 70.08 | 8.372 | 1.103 | 2.189 | 1.872 |
| Aroclor-1260 (mg/Kg) | 25 | 0 | 0.073 | 4 | 0.674 | 0.216 | 1.042 | 1.021 | 0.205 | 2.158 | 1.514 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 (mg/Kg) | 106 | 0 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.175 | 0.878 | 2.5 |
| Aroclor-1254 (mg/Kg) | 158 | 0 | 0.05 | 0.05 | 0.05 | 0.05 | 0.051 | 0.191 | 1.065 | 2.878 | 23.81 |
| Aroclor-1260 (mg/Kg) | 158 | 0 | 0.05 | 0.05 | 0.05 | 0.05 | 0.051 | 0.0817 | 0.373 | 1.149 | 2.556 |

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/11/2021 9:53:24 AM |
| From File | PCB Stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Aroclor-1248 (mg/Kg)**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 106 | Number of Distinct Observations | 13 |
| Number of Detects | 4 | Number of Non-Detects | 102 |
| Number of Distinct Detects | 4 | Number of Distinct Non-Detects | 10 |
| Minimum Detect | 0.069 | Minimum Non-Detect | 0.049 |
| Maximum Detect | 13 | Maximum Non-Detect | 2.5 |
| Variance Detects | 39.11 | Percent Non-Detects | 96.23% |
| Mean Detects | 3.655 | SD Detects | 6.254 |
| Median Detects | 0.775 | CV Detects | 1.711 |
| Skewness Detects | 1.956 | Kurtosis Detects | 3.842 |
| Mean of Logged Detects | -0.308 | SD of Logged Detects | 2.261 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.7 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.748 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.397 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.375 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 0.185 | KM Standard Error of Mean | 0.141 |
| KM SD | 1.257 | 95% KM (BCA) UCL | N/A |
| 95% KM (t) UCL | 0.419 | 95% KM (Percentile Bootstrap) UCL | N/A |
| 95% KM (z) UCL | 0.417 | 95% KM Bootstrap t UCL | N/A |
| 90% KM Chebyshev UCL | 0.608 | 95% KM Chebyshev UCL | 0.8 |
| 97.5% KM Chebyshev UCL | 1.066 | 99% KM Chebyshev UCL | 1.588 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 0.34 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.692 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.258 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.414 | Detected data appear Gamma Distributed at 5% Significance Level |

**Detected data appear Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.409 | k star (bias corrected MLE) | 0.269 |
| Theta hat (MLE) | 8.941 | Theta star (bias corrected MLE) | 13.59 |
| nu hat (MLE) | 3.27 | nu star (bias corrected) | 2.151 |

| | |
|---|---|
| Mean (detects) | 3.655 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.148 |
| Maximum | 13 | Median | 0.01 |
| SD | 1.267 | CV | 8.585 |
| k hat (MLE) | 0.276 | k star (bias corrected MLE) | 0.275 |
| Theta hat (MLE) | 0.534 | Theta star (bias corrected MLE) | 0.537 |
| nu hat (MLE) | 58.58 | nu star (bias corrected) | 58.25 |
| Adjusted Level of Significance (β) | 0.0477 | | |
| Approximate Chi Square Value (58.25, α) | 41.71 | Adjusted Chi Square Value (58.25, β) | 41.51 |
| 95% Gamma Approximate UCL (use when n>=50) | 0.206 | 95% Gamma Adjusted UCL (use when n<50) | N/A |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.185 | SD (KM) | 1.257 |
| Variance (KM) | 1.579 | SE of Mean (KM) | 0.141 |
| k hat (KM) | 0.0218 | k star (KM) | 0.0275 |
| nu hat (KM) | 4.617 | nu star (KM) | 5.82 |
| theta hat (KM) | 8.515 | theta star (KM) | 6.756 |
| 80% gamma percentile (KM) | 0.00114 | 90% gamma percentile (KM) | 0.0845 |
| 95% gamma percentile (KM) | 0.657 | 99% gamma percentile (KM) | 4.896 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.82, α) | 1.548 | Adjusted Chi Square Value (5.82, β) | 1.519 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 0.697 | 95% Gamma Adjusted KM-UCL (use when n<50) | 0.711 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.98 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.748 | Detected Data appear Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.183 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.375 | Detected Data appear Lognormal at 5% Significance Level |

Detected Data appear Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.138 | Mean in Log Scale | -14.62 |
| SD in Original Scale | 1.268 | SD in Log Scale | 6.184 |
| 95% t UCL (assumes normality of ROS data) | 0.343 | 95% Percentile Bootstrap UCL | 0.382 |
| 95% BCA Bootstrap UCL | 0.63 | 95% Bootstrap t UCL | 7.21 |
| 95% H-UCL (Log ROS) | 19984 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.912 | KM Geo Mean | 0.0544 |
| KM SD (logged) | 0.644 | 95% Critical H Value (KM-Log) | 1.923 |
| KM Standard Error of Mean (logged) | 0.0725 | 95% H-UCL (KM -Log) | 0.0755 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 0.644 | 95% Critical H Value (KM-Log) | 1.923 |
| KM Standard Error of Mean (logged) | 0.0725 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.203 | Mean in Log Scale | -3.344 |
| SD in Original Scale | 1.274 | SD in Log Scale | 1.056 |
| 95% t UCL (Assumes normality) | 0.408 | 95% H-Stat UCL | 0.0779 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Approximate Gamma UCL | 0.697 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Aroclor-1254 (mg/Kg)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 158 | Number of Distinct Observations | 39 |
| Number of Detects | 33 | Number of Non-Detects | 125 |
| Number of Distinct Detects | 32 | Number of Distinct Non-Detects | 7 |
| Minimum Detect | 0.0667 | Minimum Non-Detect | 0.049 |
| Maximum Detect | 30.6 | Maximum Non-Detect | 2.5 |
| Variance Detects | 70.08 | Percent Non-Detects | 79.11% |
| Mean Detects | 4.472 | SD Detects | 8.372 |
| Median Detects | 0.906 | CV Detects | 1.872 |
| Skewness Detects | 2.189 | Kurtosis Detects | 3.572 |
| Mean of Logged Detects | -0.00522 | SD of Logged Detects | 1.777 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.567 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk Critical Value | 0.931 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.361 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.152 | Detected Data Not Normal at 5% Significance Level | |

Detected Data Not Normal at 5% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.974 | KM Standard Error of Mean | 0.337 |
| KM SD | 4.174 | 95% KM (BCA) UCL | 1.511 |
| 95% KM (t) UCL | 1.532 | 95% KM (Percentile Bootstrap) UCL | 1.578 |
| 95% KM (z) UCL | 1.529 | 95% KM Bootstrap t UCL | 1.873 |
| 90% KM Chebyshev UCL | 1.986 | 95% KM Chebyshev UCL | 2.445 |
| 97.5% KM Chebyshev UCL | 3.081 | 99% KM Chebyshev UCL | 4.33 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 1.994 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.826 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.186 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.163 | Detected Data Not Gamma Distributed at 5% Significance Level | |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.432 | k star (bias corrected MLE) | 0.413 |
| Theta hat (MLE) | 10.34 | Theta star (bias corrected MLE) | 10.82 |
| nu hat (MLE) | 28.54 | nu star (bias corrected) | 27.28 |
| Mean (detects) | 4.472 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.942 |
| Maximum | 30.6 | Median | 0.01 |
| SD | 4.195 | CV | 4.453 |
| k hat (MLE) | 0.205 | k star (bias corrected MLE) | 0.205 |
| Theta hat (MLE) | 4.605 | Theta star (bias corrected MLE) | 4.597 |
| nu hat (MLE) | 64.65 | nu star (bias corrected) | 64.75 |
| Adjusted Level of Significance (β) | 0.0485 | | |
| Approximate Chi Square Value (64.75, α) | 47.24 | Adjusted Chi Square Value (64.75, β) | 47.1 |
| 95% Gamma Approximate UCL (use when n>=50) | 1.291 | 95% Gamma Adjusted UCL (use when n<50) | 1.295 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.974 | SD (KM) | 4.174 |
| Variance (KM) | 17.43 | SE of Mean (KM) | 0.337 |
| k hat (KM) | 0.0545 | k star (KM) | 0.0577 |
| nu hat (KM) | 17.22 | nu star (KM) | 18.22 |
| theta hat (KM) | 17.88 | theta star (KM) | 16.9 |
| 80% gamma percentile (KM) | 0.21 | 90% gamma percentile (KM) | 1.76 |
| 95% gamma percentile (KM) | 5.411 | 99% gamma percentile (KM) | 19.99 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (18.22, α) | 9.553 | Adjusted Chi Square Value (18.22, β) | 9.496 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 1.859 | 95% Gamma Adjusted KM-UCL (use when n<50) | 1.87 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.942 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk Critical Value | 0.931 | Detected Data appear Lognormal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.0908 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.152 | Detected Data appear Lognormal at 5% Significance Level | |

Detected Data appear Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.943 | Mean in Log Scale | -5.256 |
| SD in Original Scale | 4.195 | SD in Log Scale | 3.718 |
| 95% t UCL (assumes normality of ROS data) | 1.495 | 95% Percentile Bootstrap UCL | 1.572 |
| 95% BCA Bootstrap UCL | 1.727 | 95% Bootstrap t UCL | 1.808 |
| 95% H-UCL (Log ROS) | 27.22 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.38 | KM Geo Mean | 0.0925 |
| KM SD (logged) | 1.464 | 95% Critical H Value (KM-Log) | 2.682 |
| KM Standard Error of Mean (logged) | 0.119 | 95% H-UCL (KM -Log) | 0.37 |
| KM SD (logged) | 1.464 | 95% Critical H Value (KM-Log) | 2.682 |
| KM Standard Error of Mean (logged) | 0.119 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.974 | Mean in Log Scale | -2.819 |
| SD in Original Scale | 4.19 | SD in Log Scale | 1.742 |
| 95% t UCL (Assumes normality) | 1.525 | 95% H-Stat UCL | 0.413 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Lognormal Distributed at 5% Significance Level

**Suggested UCL to Use**

KM H-UCL 0.37

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Aroclor-1260 (mg/Kg)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 158 | Number of Distinct Observations | 34 |
| Number of Detects | 25 | Number of Non-Detects | 133 |
| Number of Distinct Detects | 25 | Number of Distinct Non-Detects | 10 |
| Minimum Detect | 0.073 | Minimum Non-Detect | 0.049 |
| Maximum Detect | 4 | Maximum Non-Detect | 2.5 |
| Variance Detects | 1.042 | Percent Non-Detects | 84.18% |
| Mean Detects | 0.674 | SD Detects | 1.021 |
| Median Detects | 0.216 | CV Detects | 1.514 |
| Skewness Detects | 2.158 | Kurtosis Detects | 4.126 |
| Mean of Logged Detects | -1.229 | SD of Logged Detects | 1.241 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.633 | **Shapiro Wilk GOF Test** | |

| | | | |
|---|---|---|---|
| 5% Shapiro Wilk Critical Value | 0.918 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.361 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.173 | Detected Data Not Normal at 5% Significance Level | |

Detected Data Not Normal at 5% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.15 | KM Standard Error of Mean | 0.0375 |
| KM SD | 0.46 | 95% KM (BCA) UCL | 0.227 |
| 95% KM (t) UCL | 0.212 | 95% KM (Percentile Bootstrap) UCL | 0.214 |
| 95% KM (z) UCL | 0.212 | 95% KM Bootstrap t UCL | 0.244 |
| 90% KM Chebyshev UCL | 0.262 | 95% KM Chebyshev UCL | 0.313 |
| 97.5% KM Chebyshev UCL | 0.384 | 99% KM Chebyshev UCL | 0.523 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 1.824 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.786 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.25 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.182 | Detected Data Not Gamma Distributed at 5% Significance Level | |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.721 | k star (bias corrected MLE) | 0.661 |
| Theta hat (MLE) | 0.935 | Theta star (bias corrected MLE) | 1.019 |
| nu hat (MLE) | 36.07 | nu star (bias corrected) | 33.07 |
| Mean (detects) | 0.674 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.115 |
| Maximum | 4 | Median | 0.01 |
| SD | 0.467 | CV | 4.06 |
| k hat (MLE) | 0.352 | k star (bias corrected MLE) | 0.349 |
| Theta hat (MLE) | 0.327 | Theta star (bias corrected MLE) | 0.329 |
| nu hat (MLE) | 111.2 | nu star (bias corrected) | 110.4 |
| Adjusted Level of Significance (β) | 0.0485 | | |
| Approximate Chi Square Value (110.44, α) | 87.18 | Adjusted Chi Square Value (110.44, β) | 86.99 |
| 95% Gamma Approximate UCL (use when n>=50) | 0.146 | 95% Gamma Adjusted UCL (use when n<50) | 0.146 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.15 | SD (KM) | 0.46 |
| Variance (KM) | 0.212 | SE of Mean (KM) | 0.0375 |
| k hat (KM) | 0.106 | k star (KM) | 0.108 |
| nu hat (KM) | 33.51 | nu star (KM) | 34.21 |
| theta hat (KM) | 1.413 | theta star (KM) | 1.384 |
| 80% gamma percentile (KM) | 0.116 | 90% gamma percentile (KM) | 0.411 |

| | | | |
|---|---|---|---|
| 95% gamma percentile (KM) | 0.865 | 99% gamma percentile (KM) | 2.287 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (34.21, α) | 21.83 | Adjusted Chi Square Value (34.21, β) | 21.74 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 0.235 | 95% Gamma Adjusted KM-UCL (use when n<50) | 0.236 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.886 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.918 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.15 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.173 | Detected Data appear Lognormal at 5% Significance Level |

Detected Data appear Approximate Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.114 | Mean in Log Scale | -5.357 |
| SD in Original Scale | 0.468 | SD in Log Scale | 2.618 |
| 95% t UCL (assumes normality of ROS data) | 0.175 | 95% Percentile Bootstrap UCL | 0.18 |
| 95% BCA Bootstrap UCL | 0.194 | 95% Bootstrap t UCL | 0.223 |
| 95% H-UCL (Log ROS) | 0.341 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.722 | KM Geo Mean | 0.0657 |
| KM SD (logged) | 0.82 | 95% Critical H Value (KM-Log) | 2.054 |
| KM Standard Error of Mean (logged) | 0.0675 | 95% H-UCL (KM -Log) | 0.105 |
| KM SD (logged) | 0.82 | 95% Critical H Value (KM-Log) | 2.054 |
| KM Standard Error of Mean (logged) | 0.0675 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.163 | Mean in Log Scale | -3.125 |
| SD in Original Scale | 0.49 | SD in Log Scale | 1.189 |
| 95% t UCL (Assumes normality) | 0.227 | 95% H-Stat UCL | 0.112 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

**Suggested UCL to Use**

KM H-UCL 0.105

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**General Statistics on Uncensored Data**

Date/Time of Computation ProUCL 5.111/11/2021 8:30:30 AM

**User Selected Options**

From File South El Monte TPH Stats.xls

Full Precision OFF

**From File: South El Monte TPH Stats.xls**

**General Statistics for Censored Data Set (with NDs) using Kaplan Meier Method**

| Variable | NumObs | # Missing | Num Ds | NumNDs | % NDs | Min ND | Max ND | KM Mean | KM Var | KM SD | KM CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH-g | 124 | 0 | 13 | 111 | 89.52% | 0.063 | 200 | 27.04 | 55030 | 234.6 | 8.675 |
| TPH-d | 144 | 0 | 56 | 88 | 61.11% | 4.7 | 200 | 202 | 837766 | 915.3 | 4.532 |
| TPH-mo | 144 | 0 | 104 | 40 | 27.78% | 4.7 | 10 | 664.2 | 10388745 | 3223 | 4.853 |

**General Statistics for Raw Data Sets using Detected Data Only**

| Variable | NumObs | # Missing | Minimum | Maximum | Mean | Median | Var | SD | MAD/0.675 | Skewness | CV |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH-g | 13 | 0 | 0.16 | 2600 | 255 | 8.2 | 505734 | 711.1 | 11.91 | 3.493 | 2.789 |
| TPH-d | 56 | 0 | 4.2 | 8500 | 511.3 | 15.5 | 2033952 | 1426 | 15.86 | 4.153 | 2.789 |
| TPH-mo | 104 | 0 | 4.5 | 33000 | 917.6 | 17 | 14290589 | 3780 | 16.98 | 6.768 | 4.12 |

**Percentiles using all Detects (Ds) and Non-Detects (NDs)**

| Variable | NumObs | # Missing | 10%ile | 20%ile | 25%ile(Q1) | 50%ile(Q2) | 75%ile(Q3) | 80%ile | 90%ile | 95%ile | 99%ile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TPH-g | 124 | 0 | 0.0783 | 0.089 | 0.0918 | 10 | 10 | 10 | 20 | 92.5 | 263.1 |
| TPH-d | 144 | 0 | 4.9 | 5 | 5 | 10 | 15.25 | 24.6 | 174 | 759.5 | 4470 |
| TPH-mo | 144 | 0 | 5 | 5.7 | 6.875 | 10 | 63 | 98 | 871 | 1670 | 13000 |

## UCL Statistics for Data Sets with Non-Detects

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.111/11/2021 8:31:21 AM |
| From File | South El Monte TPH Stats.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**TPH-g**

### General Statistics

| | | | |
|---|---|---|---|
| Total Number of Observations | 124 | Number of Distinct Observations | 46 |
| Number of Detects | 13 | Number of Non-Detects | 111 |
| Number of Distinct Detects | 13 | Number of Distinct Non-Detects | 33 |
| Minimum Detect | 0.16 | Minimum Non-Detect | 0.063 |
| Maximum Detect | 2600 | Maximum Non-Detect | 200 |
| Variance Detects | 505734 | Percent Non-Detects | 89.52% |
| Mean Detects | 255 | SD Detects | 711.1 |
| Median Detects | 8.2 | CV Detects | 2.789 |
| Skewness Detects | 3.493 | Kurtosis Detects | 12.39 |
| Mean of Logged Detects | 2.212 | SD of Logged Detects | 3.138 |

### Normal GOF Test on Detects Only

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.406 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk Critical Value | 0.866 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.415 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.234 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

### Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

| | | | |
|---|---|---|---|
| KM Mean | 27.04 | KM Standard Error of Mean | 21.93 |
| KM SD | 234.6 | 95% KM (BCA) UCL | 70.3 |
| 95% KM (t) UCL | 63.38 | 95% KM (Percentile Bootstrap) UCL | 69.4 |
| 95% KM (z) UCL | 63.11 | 95% KM Bootstrap t UCL | 284 |
| 90% KM Chebyshev UCL | 92.82 | 95% KM Chebyshev UCL | 122.6 |
| 97.5% KM Chebyshev UCL | 164 | 99% KM Chebyshev UCL | 245.2 |

### Gamma GOF Tests on Detected Observations Only

| | | |
|---|---|---|
| A-D Test Statistic | 0.808 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.865 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.234 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.261 | Detected data appear Gamma Distributed at 5% Significance Level |

**Detected data appear Gamma Distributed at 5% Significance Level**

### Gamma Statistics on Detected Data Only

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.218 | k star (bias corrected MLE) | 0.219 |
| Theta hat (MLE) | 1169 | Theta star (bias corrected MLE) | 1164 |
| nu hat (MLE) | 5.67 | nu star (bias corrected) | 5.695 |

| | |
|---|---|
| Mean (detects) | 255 |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 27.84 |
| Maximum | 2600 | Median | 0.01 |
| SD | 235.7 | CV | 8.467 |
| k hat (MLE) | 0.113 | k star (bias corrected MLE) | 0.115 |
| Theta hat (MLE) | 247 | Theta star (bias corrected MLE) | 241.3 |
| nu hat (MLE) | 27.96 | nu star (bias corrected) | 28.61 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (28.61, α) | 17.41 | Adjusted Chi Square Value (28.61, β) | 17.3 |
| 95% Gamma Approximate UCL (use when n>=50) | 45.77 | 95% Gamma Adjusted UCL (use when n<50) | 46.04 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 27.04 | SD (KM) | 234.6 |
| Variance (KM) | 55030 | SE of Mean (KM) | 21.93 |
| k hat (KM) | 0.0133 | k star (KM) | 0.0183 |
| nu hat (KM) | 3.295 | nu star (KM) | 4.549 |
| theta hat (KM) | 2035 | theta star (KM) | 1474 |
| 80% gamma percentile (KM) | 0.00437 | 90% gamma percentile (KM) | 2.695 |
| 95% gamma percentile (KM) | 53.1 | 99% gamma percentile (KM) | 761.9 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (4.55, α) | 0.95 | Adjusted Chi Square Value (4.55, β) | 0.931 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 129.5 | 95% Gamma Adjusted KM-UCL (use when n<50) | 132.1 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.941 | **Shapiro Wilk GOF Test** | |
| 5% Shapiro Wilk Critical Value | 0.866 | Detected Data appear Lognormal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.122 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.234 | Detected Data appear Lognormal at 5% Significance Level | |

Detected Data appear Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 26.83 | Mean in Log Scale | -7.666 |
| SD in Original Scale | 235.6 | SD in Log Scale | 5.274 |
| 95% t UCL (assumes normality of ROS data) | 61.89 | 95% Percentile Bootstrap UCL | 67.7 |
| 95% BCA Bootstrap UCL | 107.3 | 95% Bootstrap t UCL | 285.8 |
| 95% H-UCL (Log ROS) | 18513 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.038 | KM Geo Mean | 0.13 |
| KM SD (logged) | 1.956 | 95% Critical H Value (KM-Log) | 3.202 |
| KM Standard Error of Mean (logged) | 0.215 | 95% H-UCL (KM -Log) | 1.552 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 1.956 | 95% Critical H Value (KM-Log) | 3.202 |
| KM Standard Error of Mean (logged) | 0.215 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 31.51 | Mean in Log Scale | -0.0893 |
| SD in Original Scale | 235.3 | SD in Log Scale | 2.711 |
| 95% t UCL (Assumes normality) | 66.53 | 95% H-Stat UCL | 99.18 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Approximate Gamma UCL | 129.5 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**TPH-d**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 144 | Number of Distinct Observations | 56 |
| Number of Detects | 56 | Number of Non-Detects | 88 |
| Number of Distinct Detects | 49 | Number of Distinct Non-Detects | 12 |
| Minimum Detect | 4.2 | Minimum Non-Detect | 4.7 |
| Maximum Detect | 8500 | Maximum Non-Detect | 200 |
| Variance Detects | 2033952 | Percent Non-Detects | 61.11% |
| Mean Detects | 511.3 | SD Detects | 1426 |
| Median Detects | 15.5 | CV Detects | 2.789 |
| Skewness Detects | 4.153 | Kurtosis Detects | 19.35 |
| Mean of Logged Detects | 3.688 | SD of Logged Detects | 2.17 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.423 | **Normal GOF Test on Detected Observations Only** | |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level | |
| Lilliefors Test Statistic | 0.361 | **Lilliefors GOF Test** | |
| 5% Lilliefors Critical Value | 0.118 | Detected Data Not Normal at 5% Significance Level | |

Detected Data Not Normal at 5% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 202 | KM Standard Error of Mean | 76.97 |
| KM SD | 915.3 | 95% KM (BCA) UCL | 359.9 |
| 95% KM (t) UCL | 329.4 | 95% KM (Percentile Bootstrap) UCL | 334.3 |
| 95% KM (z) UCL | 328.6 | 95% KM Bootstrap t UCL | 456.2 |
| 90% KM Chebyshev UCL | 432.9 | 95% KM Chebyshev UCL | 537.4 |
| 97.5% KM Chebyshev UCL | 682.6 | 99% KM Chebyshev UCL | 967.8 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 6.207 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.876 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.271 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.13 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.274 | k star (bias corrected MLE) | 0.272 |
| Theta hat (MLE) | 1863 | Theta star (bias corrected MLE) | 1882 |
| nu hat (MLE) | 30.74 | nu star (bias corrected) | 30.43 |
| Mean (detects) | 511.3 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 198.9 |
| Maximum | 8500 | Median | 0.01 |
| SD | 919.2 | CV | 4.622 |
| k hat (MLE) | 0.119 | k star (bias corrected MLE) | 0.121 |
| Theta hat (MLE) | 1671 | Theta star (bias corrected MLE) | 1642 |
| nu hat (MLE) | 34.27 | nu star (bias corrected) | 34.89 |
| Adjusted Level of Significance (β) | 0.0483 | | |
| Approximate Chi Square Value (34.89, α) | 22.37 | Adjusted Chi Square Value (34.89, β) | 22.27 |
| 95% Gamma Approximate UCL (use when n>=50) | 310.1 | 95% Gamma Adjusted UCL (use when n<50) | 311.5 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 202 | SD (KM) | 915.3 |
| Variance (KM) | 837766 | SE of Mean (KM) | 76.97 |
| k hat (KM) | 0.0487 | k star (KM) | 0.0523 |
| nu hat (KM) | 14.02 | nu star (KM) | 15.06 |
| theta hat (KM) | 4148 | theta star (KM) | 3862 |
| 80% gamma percentile (KM) | 31.97 | 90% gamma percentile (KM) | 326.3 |
| 95% gamma percentile (KM) | 1091 | 99% gamma percentile (KM) | 4315 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (15.06, α) | 7.305 | Adjusted Chi Square Value (15.06, β) | 7.25 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 416.4 | 95% Gamma Adjusted KM-UCL (use when n<50) | 419.6 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.841 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk P Value | 7.1539E-8 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.181 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.118 | Detected Data Not Lognormal at 5% Significance Level |

**Detected Data Not Lognormal at 5% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 200.5 | Mean in Log Scale | 1.379 |
| SD in Original Scale | 918.8 | SD in Log Scale | 2.628 |
| 95% t UCL (assumes normality of ROS data) | 327.2 | 95% Percentile Bootstrap UCL | 334.8 |
| 95% BCA Bootstrap UCL | 397.3 | 95% Bootstrap t UCL | 434.5 |
| 95% H-UCL (Log ROS) | 307.6 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 2.398 | KM Geo Mean | 11.01 |
| KM SD (logged) | 1.701 | 95% Critical H Value (KM-Log) | 2.932 |
| KM Standard Error of Mean (logged) | 0.144 | 95% H-UCL (KM -Log) | 71.02 |
| KM SD (logged) | 1.701 | 95% Critical H Value (KM-Log) | 2.932 |
| KM Standard Error of Mean (logged) | 0.144 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 202.7 | Mean in Log Scale | 2.308 |
| SD in Original Scale | 918.4 | SD in Log Scale | 1.82 |
| 95% t UCL (Assumes normality) | 329.4 | 95% H-Stat UCL | 84.06 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (Chebyshev) UCL | 537.4 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**TPH-mo**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 144 | Number of Distinct Observations | 77 |
| Number of Detects | 104 | Number of Non-Detects | 40 |
| Number of Distinct Detects | 73 | Number of Distinct Non-Detects | 7 |
| Minimum Detect | 4.5 | Minimum Non-Detect | 4.7 |
| Maximum Detect | 33000 | Maximum Non-Detect | 10 |
| Variance Detects | 14290589 | Percent Non-Detects | 27.78% |
| Mean Detects | 917.6 | SD Detects | 3780 |
| Median Detects | 17 | CV Detects | 4.12 |
| Skewness Detects | 6.768 | Kurtosis Detects | 52.57 |
| Mean of Logged Detects | 3.811 | SD of Logged Detects | 2.163 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.281 | **Normal GOF Test on Detected Observations Only** |

| | | |
|---|---|---|
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 5% Significance Level |
| Lilliefors Test Statistic | 0.405 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.0872 | Detected Data Not Normal at 5% Significance Level |

**Detected Data Not Normal at 5% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 664.2 | KM Standard Error of Mean | 269.9 |
| KM SD | 3223 | 95% KM (BCA) UCL | 1173 |
| 95% KM (t) UCL | 1111 | 95% KM (Percentile Bootstrap) UCL | 1142 |
| 95% KM (z) UCL | 1108 | 95% KM Bootstrap t UCL | 1721 |
| 90% KM Chebyshev UCL | 1474 | 95% KM Chebyshev UCL | 1841 |
| 97.5% KM Chebyshev UCL | 2350 | 99% KM Chebyshev UCL | 3350 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 13.98 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.899 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.291 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0973 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.238 | k star (bias corrected MLE) | 0.237 |
| Theta hat (MLE) | 3858 | Theta star (bias corrected MLE) | 3866 |
| nu hat (MLE) | 49.47 | nu star (bias corrected) | 49.37 |
| Mean (detects) | 917.6 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 662.7 |
| Maximum | 33000 | Median | 9.75 |
| SD | 3235 | CV | 4.881 |
| k hat (MLE) | 0.153 | k star (bias corrected MLE) | 0.154 |
| Theta hat (MLE) | 4342 | Theta star (bias corrected MLE) | 4301 |
| nu hat (MLE) | 43.96 | nu star (bias corrected) | 44.37 |
| Adjusted Level of Significance (β) | 0.0483 | | |
| Approximate Chi Square Value (44.37, α) | 30.1 | Adjusted Chi Square Value (44.37, β) | 29.98 |
| 95% Gamma Approximate UCL (use when n>=50) | 977.2 | 95% Gamma Adjusted UCL (use when n<50) | 981 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 664.2 | SD (KM) | 3223 |
| Variance (KM) | 10388745 | SE of Mean (KM) | 269.9 |
| k hat (KM) | 0.0425 | k star (KM) | 0.0462 |
| nu hat (KM) | 12.23 | nu star (KM) | 13.31 |
| theta hat (KM) | 15641 | theta star (KM) | 14374 |
| 80% gamma percentile (KM) | 67.26 | 90% gamma percentile (KM) | 909.2 |

| | | | |
|---|---|---|---|
| 95% gamma percentile (KM) | 3424 | 99% gamma percentile (KM) | 14896 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (13.31, α) | 6.1 | Adjusted Chi Square Value (13.31, β) | 6.051 |
| 95% Gamma Approximate KM-UCL (use when n>=50) | 1449 | 95% Gamma Adjusted KM-UCL (use when n<50) | 1461 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.841 | **Shapiro Wilk GOF Test** |
| 5% Shapiro Wilk P Value | 0 | Detected Data Not Lognormal at 5% Significance Level |
| Lilliefors Test Statistic | 0.194 | **Lilliefors GOF Test** |
| 5% Lilliefors Critical Value | 0.0872 | Detected Data Not Lognormal at 5% Significance Level |

Detected Data Not Lognormal at 5% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 663.3 | Mean in Log Scale | 2.678 |
| SD in Original Scale | 3235 | SD in Log Scale | 2.694 |
| 95% t UCL (assumes normality of ROS data) | 1110 | 95% Percentile Bootstrap UCL | 1146 |
| 95% BCA Bootstrap UCL | 1405 | 95% Bootstrap t UCL | 1726 |
| 95% H-UCL (Log ROS) | 1399 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 3.205 | KM Geo Mean | 24.65 |
| KM SD (logged) | 2.077 | 95% Critical H Value (KM-Log) | 3.38 |
| KM Standard Error of Mean (logged) | 0.174 | 95% H-UCL (KM -Log) | 383.6 |
| KM SD (logged) | 2.077 | 95% Critical H Value (KM-Log) | 3.38 |
| KM Standard Error of Mean (logged) | 0.174 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 663.7 | Mean in Log Scale | 3.093 |
| SD in Original Scale | 3235 | SD in Log Scale | 2.18 |
| 95% t UCL (Assumes normality) | 1110 | 95% H-Stat UCL | 449.9 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution at 5% Significance Level

**Suggested UCL to Use**

95% KM (Chebyshev) UCL 1841

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

# APPENDIX C

# CANCER RISK AND HEALTH HAZARD CALCULATIONS

Table C-1
Health Hazards from Incidental Soil Ingestion
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Oral Reference Dose (mg/kg-day) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake (mg/kg-day) | | Hazard Quotient (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| ***Metals*** | | | | | | |
| Antimony | 72.45 | 4.0E-04 | 2.0E-04 | 6.2E-05 | 5.1E-01 | 1.6E-01 |
| Cobalt | 9.37 | 3.0E-04 | 2.6E-05 | 8.0E-06 | 8.8E-02 | 2.7E-02 |
| Chromium (VI) | 73 | 3.0E-03 | 2.1E-04 | 6.3E-05 | 6.9E-02 | 2.1E-02 |
| Molybdenum | 1.67 | 5.0E-03 | 4.7E-06 | 1.4E-06 | 9.4E-04 | 2.9E-04 |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | 0.697 | NA | 2.0E-06 | 6.0E-07 | NA | NA |
| Aroclor 1254 | 0.37 | 2.0E-05 | 1.0E-06 | 3.2E-07 | 5.2E-02 | 1.6E-02 |
| Aroclor 1260 | 0.105 | NA | 3.0E-07 | 9.0E-08 | NA | NA |
| Aroclor 1262 | 0.58 | NA | 1.6E-06 | 5.0E-07 | NA | NA |
| Aroclor 1268 | 0.26 | NA | 7.3E-07 | 2.2E-07 | NA | NA |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | 920.5 | 4.0E-02 | 2.6E-03 | 7.9E-04 | 6.5E-02 | 2.0E-02 |
| TPH (aliphatic high) | 920.5 | 3.0E+00 | 2.6E-03 | 7.9E-04 | 8.7E-04 | 2.6E-04 |
| TPH (aliphatic low) | 64.75 | NA | 1.8E-04 | 5.5E-05 | NA | NA |
| TPH (aromatic low) | 64.75 | 4.0E-03 | 1.8E-04 | 5.5E-05 | 4.6E-02 | 1.4E-02 |
| TPH (aromatic medium) | 268.7 | 4.0E-03 | 7.6E-04 | 2.3E-04 | 1.9E-01 | 5.8E-02 |
| TPH (aliphatic medium) | 268.7 | 1.0E-02 | 7.6E-04 | 2.3E-04 | 7.6E-02 | 2.3E-02 |
| ***VOCs*** | | | | | | |
| 1,1-Dichloroethane | 0.12 | 2.0E-01 | 3.4E-07 | 1.0E-07 | 1.7E-06 | 5.1E-07 |
| 1,1-Dichloroethylene | 0.00023 | 5.0E-02 | 6.5E-10 | 2.0E-10 | 1.3E-08 | 3.9E-09 |
| 1,2-Dichloroethylene (cis) | 0.64 | 2.0E-03 | 1.8E-06 | 5.5E-07 | 9.0E-04 | 2.7E-04 |
| 1,2-Dichloroethylene (trans) | 0.036 | 2.0E-02 | 1.0E-07 | 3.1E-08 | 5.1E-06 | 1.5E-06 |
| 1,2,4-Trimethylbenzene | 33 | 1.0E-02 | 9.3E-05 | 2.8E-05 | 9.3E-03 | 2.8E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | 1.0E-02 | 2.8E-05 | 8.5E-06 | 2.8E-03 | 8.5E-04 |
| 2-Butanone | 1.8 | 6.0E-01 | 5.1E-06 | 1.5E-06 | 8.5E-06 | 2.6E-06 |
| 4-Methyl-2-pentanone | 3.2 | NA | 9.0E-06 | 2.7E-06 | NA | NA |
| Acetone | 0.5 | 9.0E-01 | 1.4E-06 | 4.3E-07 | 1.6E-06 | 4.8E-07 |
| Benzene | 0.11 | 4.0E-03 | 3.1E-07 | 9.4E-08 | 7.8E-05 | 2.4E-05 |
| Bromomethane | 0.2 | NA | 5.7E-07 | 1.7E-07 | NA | NA |
| Ethylbenzene | 12 | 1.0E-01 | 3.4E-05 | 1.0E-05 | 3.4E-04 | 1.0E-04 |
| Isopropylbenzene | 1.2 | 1.0E-01 | 3.4E-06 | 1.0E-06 | 3.4E-05 | 1.0E-05 |
| MTBE | 0.015 | NA | 4.2E-08 | 1.3E-08 | NA | NA |
| Naphthalene | 6.3 | 2.0E-02 | 1.8E-05 | 5.4E-06 | 8.9E-04 | 2.7E-04 |
| Tetrachloroethylene | 4.1 | 6.0E-03 | 1.2E-05 | 3.5E-06 | 1.9E-03 | 5.9E-04 |
| Toluene | 49 | 8.0E-02 | 1.4E-04 | 4.2E-05 | 1.7E-03 | 5.2E-04 |
| Trichloroethylene | 1.2 | 5.0E-04 | 3.4E-06 | 1.0E-06 | 6.8E-03 | 2.1E-03 |
| Vinyl Chloride | 0.1 | 3.0E-03 | 2.8E-07 | 8.6E-08 | 9.4E-05 | 2.9E-05 |
| Xylenes, total | 75 | 2.0E-01 | 2.1E-04 | 6.4E-05 | 1.1E-03 | 3.2E-04 |

Table C-1
Health Hazards from Incidental Soil Ingestion
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Oral Reference Dose (mg/kg-day) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake (mg/kg-day) | | Hazard Quotient (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| **Total Hazard Index** | | | | | **1.1E+00** | **3.4E-01** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
NA = Not applicable
Equations:
Construction Worker $INTAKE_{noncancer}$ (mg/kg-day) = (CS * IR-iw * FE * EFiw * EDiw * CF) / (BWiw * $AT_{noncancer}$)
Non-Intrusive Worker $INTAKE_{noncancer}$ (mg/kg-day) = (CS * IR-Scw * FE * EFcw * EDcw * CF) / (BWcw * $AT_{noncancer}$)
Noncancer Hazard = ($INTAKE_{noncancer}$ / RfD)

Table C-2
Health Hazards from Dermal Contact with Soil
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Soil-to-Skin Absorption Factor (Unitless) | Oral/Dermal Reference Dose (mg/kg-day) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|---|
| | | | | Average Daily Intake (mg/kg-day) | | Hazard Quotient (Unitless) | |
| | | | | Construction Worker | Non-Intrusive Worker | Construction Worker | Non-Intrusive Worker |
| ***Metals*** | | | | | | | |
| Antimony | 72.45 | 0.01 | 4.0E-04 | 3.0E-05 | 7.5E-06 | 7.5E-02 | 1.9E-02 |
| Cobalt | 9.37 | 0.01 | 3.0E-04 | 3.9E-06 | 9.7E-07 | 1.3E-02 | 3.2E-03 |
| Chromium (VI) | 73 | 0.01 | 3.0E-03 | 3.0E-05 | 7.5E-06 | 1.0E-02 | 2.5E-03 |
| Molybdenum | 1.67 | 0.001 | 5.0E-03 | 6.9E-08 | 1.7E-08 | 1.4E-05 | 3.4E-06 |
| ***PCBs*** | | | | | | | |
| Aroclor 1248 | 0.697 | 0.13 | NA | 3.7E-06 | 9.4E-07 | NA | NA |
| Aroclor 1254 | 0.37 | 0.13 | 2.0E-05 | 2.0E-06 | 5.0E-07 | 9.9E-02 | 2.5E-02 |
| Aroclor 1260 | 0.105 | 0.13 | NA | 5.6E-07 | 1.4E-07 | NA | NA |
| Aroclor 1262 | 0.58 | 0.13 | NA | 3.1E-06 | 7.8E-07 | NA | NA |
| Aroclor 1268 | 0.26 | 0.13 | NA | 1.4E-06 | 3.5E-07 | NA | NA |
| ***TPH*** | | | | | | | |
| TPH (aromatic high) | 920.5 | 0.1 | 4.0E-02 | 3.8E-03 | 9.5E-04 | 9.5E-02 | 2.4E-02 |
| TPH (aliphatic high) | 920.5 | 0.1 | 3.0E+00 | 3.8E-03 | 9.5E-04 | 1.3E-03 | 3.2E-04 |
| TPH (aliphatic low) | 64.75 | 0.1 | NA | 2.7E-04 | 6.7E-05 | NA | NA |
| TPH (aromatic low) | 64.75 | 0.1 | 4.0E-03 | 2.7E-04 | 6.7E-05 | 6.7E-02 | 1.7E-02 |
| TPH (aromatic medium) | 268.7 | 0.1 | 4.0E-03 | 1.1E-03 | 2.8E-04 | 2.8E-01 | 6.9E-02 |
| TPH (aliphatic medium) | 268.7 | 0.1 | 1.0E-02 | 1.1E-03 | 2.8E-04 | 1.1E-01 | 2.8E-02 |
| ***VOCs*** | | | | | | | |
| 1,1-Dichloroethane | 0.12 | 0.1 | 2.0E-01 | 5.0E-07 | 1.2E-07 | 2.5E-06 | 6.2E-07 |
| 1,1-Dichloroethylene | 0.00023 | 0.1 | 5.0E-02 | 9.5E-10 | 2.4E-10 | 1.9E-08 | 4.8E-09 |
| 1,2-Dichloroethylene (cis) | 0.64 | 0.1 | 2.0E-03 | 2.6E-06 | 6.6E-07 | 1.3E-03 | 3.3E-04 |
| 1,2-Dichloroethylene (trans) | 0.036 | 0.1 | 2.0E-02 | 1.5E-07 | 3.7E-08 | 7.4E-06 | 1.9E-06 |
| 1,2,4-Trimethylbenzene | 33 | 0.1 | 1.0E-02 | 1.4E-04 | 3.4E-05 | 1.4E-02 | 3.4E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | 0.1 | 1.0E-02 | 4.1E-05 | 1.0E-05 | 4.1E-03 | 1.0E-03 |
| 2-Butanone | 1.8 | 0.1 | 6.0E-01 | 7.4E-06 | 1.9E-06 | 1.2E-05 | 3.1E-06 |
| 4-Methyl-2-pentanone | 3.2 | 0.1 | NA | 1.3E-05 | 3.3E-06 | NA | NA |
| Acetone | 0.5 | 0.1 | 9.0E-01 | 2.1E-06 | 5.2E-07 | 2.3E-06 | 5.7E-07 |
| Benzene | 0.11 | 0.1 | 4.0E-03 | 4.5E-07 | 1.1E-07 | 1.1E-04 | 2.8E-05 |
| Bromomethane | 0.2 | 0.1 | NA | 8.3E-07 | 2.1E-07 | NA | NA |
| Ethylbenzene | 12 | 0.1 | 1.0E-01 | 5.0E-05 | 1.2E-05 | 5.0E-04 | 1.2E-04 |
| Isopropylbenzene | 1.2 | 0.1 | 1.0E-01 | 5.0E-06 | 1.2E-06 | 5.0E-05 | 1.2E-05 |
| MTBE | 0.015 | 0.1 | NA | 6.2E-08 | 1.5E-08 | NA | NA |
| Naphthalene | 6.3 | 0.1 | 2.0E-02 | 2.6E-05 | 6.5E-06 | 1.3E-03 | 3.3E-04 |
| Tetrachloroethylene | 4.1 | 0.15 | 6.0E-03 | 2.5E-05 | 6.4E-06 | 4.2E-03 | 1.1E-03 |
| Toluene | 49 | 0.1 | 8.0E-02 | 2.0E-04 | 5.1E-05 | 2.5E-03 | 6.3E-04 |
| Trichloroethylene | 1.2 | 0.1 | 5.0E-04 | 5.0E-06 | 1.2E-06 | 9.9E-03 | 2.5E-03 |
| Vinyl Chloride | 0.1 | 0.1 | 3.0E-03 | 4.1E-07 | 1.0E-07 | 1.4E-04 | 3.4E-05 |
| Xylenes, total | 75 | 0.1 | 2.0E-01 | 3.1E-04 | 7.7E-05 | 1.5E-03 | 3.9E-04 |

Table C-2
Health Hazards from Dermal Contact with Soil
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Soil-to-Skin Absorption Factor (Unitless) | Oral/Dermal Reference Dose (mg/kg-day) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|---|
| | | | | Average Daily Intake (mg/kg-day) | | Hazard Quotient (Unitless) | |
| | | | | Construction Worker | Non-Intrusive Worker | Construction Worker | Non-Intrusive Worker |
| **Total Hazard Index** | | | | | | **7.9E-01** | **2.0E-01** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
NA = Not applicable
Equations:
Construction Worker $INTAKE_{noncancer}$ (mg/kg-day) = (CS * SAiw * AFiw * ABS * FE * EFiw * EDiw * CF) / (BWiw * $AT_{noncancer}$)
Non-Intrusive Worker $INTAKE_{noncancer}$ (mg/kg-day) = (CS * SAcw * AFcw * ABS * FE * EFcw * EDcw * CF) / (BWcw * $AT_{noncancer}$)
Noncancer Hazard = ($INTAKE_{noncancer}$ / RfD)

Table C-3
Health Hazards from Inhalation of Outdoor Air
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Inhalation Reference Concentration ($ug/m^3$) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake ($ug/m^3$) | | Hazard Quotient (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| ***Metals*** | | | | | | |
| Antimony | 72.45 | NA | 1.7E-02 | 1.3E-05 | NA | NA |
| Cobalt | 9.37 | 6.0E-03 | 2.1E-03 | 1.6E-06 | 3.6E-01 | 2.7E-04 |
| Chromium (VI) | 73 | 1.0E-01 | 1.7E-02 | 1.3E-05 | 1.7E-01 | 1.3E-04 |
| Molybdenum | 1.67 | NA | 3.8E-04 | 2.9E-07 | NA | NA |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | 0.697 | NA | 1.6E-04 | 1.2E-07 | NA | NA |
| Aroclor 1254 | 0.37 | 8.0E-02 | 8.4E-05 | 6.4E-08 | 1.1E-03 | 8.0E-07 |
| Aroclor 1260 | 0.105 | NA | 2.4E-05 | 1.8E-08 | NA | NA |
| Aroclor 1262 | 0.58 | NA | 1.3E-04 | 1.0E-07 | NA | NA |
| Aroclor 1268 | 0.26 | NA | 5.9E-05 | 4.5E-08 | NA | NA |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | 920.5 | NA | 2.1E-01 | 1.6E-04 | NA | NA |
| TPH (aliphatic high) | 920.5 | NA | 2.1E-01 | 1.6E-04 | NA | NA |
| TPH (aliphatic low) | 64.75 | 6.0E+02 | 1.5E-02 | 1.1E-05 | 2.5E-05 | 1.9E-08 |
| TPH (aromatic low) | 64.75 | 3.0E+01 | 1.5E-02 | 1.1E-05 | 4.9E-04 | 3.7E-07 |
| TPH (aromatic medium) | 268.7 | 3.0E+00 | 6.1E-02 | 4.7E-05 | 2.0E-02 | 1.6E-05 |
| TPH (aliphatic medium) | 268.7 | 1.0E+02 | 6.1E-02 | 4.7E-05 | 6.1E-04 | 4.7E-07 |
| ***VOCs*** | | | | | | |
| 1,1-Dichloroethane | 0.12 | 8.0E+02 | 1.9E-03 | 1.9E-03 | 2.3E-06 | 2.3E-06 |
| 1,1-Dichloroethylene | 0.00023 | 7.0E+01 | 7.5E-06 | 7.5E-06 | 1.1E-07 | 1.1E-07 |
| 1,2-Dichloroethylene (cis) | 0.64 | 8.0E+00 | 9.1E-03 | 9.1E-03 | 1.1E-03 | 1.1E-03 |
| 1,2-Dichloroethylene (trans) | 0.036 | 8.0E+01 | 7.3E-04 | 7.3E-04 | 9.1E-06 | 9.1E-06 |
| 1,2,4-Trimethylbenzene | 33 | 6.0E+01 | 9.6E-02 | 9.6E-02 | 1.6E-03 | 1.6E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | 6.0E+01 | 6.8E-02 | 6.8E-02 | 1.1E-03 | 1.1E-03 |
| 2-Butanone | 1.8 | 5.0E+03 | 7.0E-03 | 7.0E-03 | 1.4E-06 | 1.4E-06 |
| 4-Methyl-2-pentanone | 3.2 | 3.0E+03 | 8.8E-03 | 8.8E-03 | 2.9E-06 | 2.9E-06 |
| Acetone | 0.5 | 3.1E+04 | 2.3E-03 | 2.3E-03 | 7.3E-08 | 7.3E-08 |
| Benzene | 0.11 | 3.0E+00 | 1.8E-03 | 1.8E-03 | 5.9E-04 | 5.9E-04 |
| Bromomethane | 0.2 | 9.0E+01 | 3.9E-03 | 3.9E-03 | 4.4E-05 | 4.4E-05 |
| Ethylbenzene | 12 | 1.0E+03 | 1.5E-01 | 1.5E-01 | 1.5E-04 | 1.5E-04 |
| Isopropylbenzene | 1.2 | 4.0E+02 | 8.3E-02 | 8.3E-02 | 2.1E-04 | 2.1E-04 |
| MTBE | 0.015 | 3.0E+03 | 1.9E-04 | 1.9E-04 | 6.2E-08 | 6.2E-08 |
| Naphthalene | 6.3 | 3.0E+00 | 9.5E-03 | 9.5E-03 | 3.2E-03 | 3.2E-03 |
| Tetrachloroethylene | 4.1 | 4.0E+01 | 6.8E-02 | 6.8E-02 | 1.7E-03 | 1.7E-03 |

Table C-3
Health Hazards from Inhalation of Outdoor Air
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Inhalation Reference Concentration ($ug/m^3$) | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake ($ug/m^3$) | | Hazard Quotient (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| Toluene | 49 | 3.0E+02 | 6.9E-01 | 6.9E-01 | 2.3E-03 | 2.3E-03 |
| Trichloroethylene | 1.2 | 2.0E+00 | 2.2E-02 | 2.2E-02 | 1.1E-02 | 1.1E-02 |
| Vinyl Chloride | 0.1 | 1.0E+02 | 4.2E-03 | 4.2E-03 | 4.2E-05 | 4.2E-05 |
| Xylenes, total | 75 | 1.0E+02 | 8.8E-01 | 8.8E-01 | 8.8E-03 | 8.8E-03 |
| **Total Hazard Index** | | | | | **5.8E-01** | **3.2E-02** |

Notes: "nd" not detected
$ug/m^3$= micrograms per cubic meter
NA = Not applicable
Intake Equations:
Intake ($ug/m^3$) = (CS * ET * EF * ED) / (VF * $AT_{noncancer}$)
Noncancer Hazard = ($INTAKE_{noncancer}$ / RfC)

| | | |
|---|---|---|
| PEF Construction Worker | $m^3/kg$ | 1.00E+06 |
| PEF Non-Intrusive Worker | $m^3/kg$ | 1.32E+09 |

Table C-4
Cumulative Health Hazards from Multipathway Soil Exposure
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Worker Exposure Scenario | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Construction Worker | | | | Non-Intrusive Worker | | | |
| | | Ingestion | Dermal | Inhalation | Total HI | Ingestion | Dermal | Inhalation | Total HI |
| ***Metals*** | | | | | | | | | |
| Antimony | 72.45 | 5.1E-01 | 7.5E-02 | NA | 5.9E-01 | 1.6E-01 | 1.9E-02 | NA | 1.7E-01 |
| Cobalt | 9.37 | 8.8E-02 | 1.3E-02 | 3.6E-01 | 4.6E-01 | 2.7E-02 | 3.2E-03 | 2.7E-04 | 3.0E-02 |
| Chromium (VI) | 73 | 6.9E-02 | 1.0E-02 | 1.7E-01 | 2.5E-01 | 2.1E-02 | 2.5E-03 | 1.3E-04 | 2.3E-02 |
| Molybdenum | 1.67 | 9.4E-04 | 1.4E-05 | NA | 9.6E-04 | 2.9E-04 | 3.4E-06 | NA | 2.9E-04 |
| ***PCBs*** | | | | | | | | | |
| Aroclor 1248 | 0.697 | NA | NA | NA | -- | NA | NA | NA | -- |
| Aroclor 1254 | 0.37 | 5.2E-02 | 9.9E-02 | 1.1E-03 | 1.5E-01 | 1.6E-02 | 2.5E-02 | 8.0E-07 | 4.1E-02 |
| Aroclor 1260 | 0.105 | NA | NA | NA | -- | NA | NA | NA | -- |
| Aroclor 1262 | 0.58 | NA | NA | NA | -- | NA | NA | NA | -- |
| Aroclor 1268 | 0.26 | NA | NA | NA | -- | NA | NA | NA | -- |
| ***TPH*** | | | | | | | | | |
| TPH (aromatic high) | 920.5 | 6.5E-02 | 9.5E-02 | NA | 1.6E-01 | 2.0E-02 | 2.4E-02 | NA | 4.3E-02 |
| TPH (aliphatic high) | 920.5 | 8.7E-04 | 1.3E-03 | NA | 2.1E-03 | 2.6E-04 | 3.2E-04 | NA | 5.8E-04 |
| TPH (aliphatic low) | 64.75 | NA | NA | 2.5E-05 | 2.5E-05 | NA | NA | 1.9E-08 | 1.9E-08 |
| TPH (aromatic low) | 64.75 | 4.6E-02 | 6.7E-02 | 4.9E-04 | 1.1E-01 | 1.4E-02 | 1.7E-02 | 3.7E-07 | 3.1E-02 |
| TPH (aromatic medium) | 268.7 | 1.9E-01 | 2.8E-01 | 2.0E-02 | 4.9E-01 | 5.8E-02 | 6.9E-02 | 1.6E-05 | 1.3E-01 |
| TPH (aliphatic medium) | 268.7 | 7.6E-02 | 1.1E-01 | 6.1E-04 | 1.9E-01 | 2.3E-02 | 2.8E-02 | 4.7E-07 | 5.1E-02 |
| ***VOCs*** | | | | | | | | | |
| 1,1-Dichloroethane | 0.12 | 1.7E-06 | 2.5E-06 | 2.3E-06 | 6.5E-06 | 5.1E-07 | 6.2E-07 | 2.3E-06 | 3.4E-06 |
| 1,1-Dichloroethylene | 0.00023 | 1.3E-08 | 1.9E-08 | 1.1E-07 | 1.4E-07 | 3.9E-09 | 4.8E-09 | 1.1E-07 | 1.2E-07 |
| 1,2-Dichloroethylene (cis) | 0.64 | 9.0E-04 | 1.3E-03 | 1.1E-03 | 3.4E-03 | 2.7E-04 | 3.3E-04 | 1.1E-03 | 1.7E-03 |
| 1,2-Dichloroethylene (trans) | 0.036 | 5.1E-06 | 7.4E-06 | 9.1E-06 | 2.2E-05 | 1.5E-06 | 1.9E-06 | 9.1E-06 | 1.3E-05 |
| 1,2,4-Trimethylbenzene | 33 | 9.3E-03 | 1.4E-02 | 1.6E-03 | 2.5E-02 | 2.8E-03 | 3.4E-03 | 1.6E-03 | 7.8E-03 |
| 1,3,5-Trimethylbenzene | 9.9 | 2.8E-03 | 4.1E-03 | 1.1E-03 | 8.0E-03 | 8.5E-04 | 1.0E-03 | 1.1E-03 | 3.0E-03 |
| 2-Butanone | 1.8 | 8.5E-06 | 1.2E-05 | 1.4E-06 | 2.2E-05 | 2.6E-06 | 3.1E-06 | 1.4E-06 | 7.1E-06 |
| 4-Methyl-2-pentanone | 3.2 | NA | NA | 2.9E-06 | 2.9E-06 | NA | NA | 2.9E-06 | 2.9E-06 |
| Acetone | 0.5 | 1.6E-06 | 2.3E-06 | 7.3E-08 | 3.9E-06 | 4.8E-07 | 5.7E-07 | 7.3E-08 | 1.1E-06 |
| Benzene | 0.11 | 7.8E-05 | 1.1E-04 | 5.9E-04 | 7.8E-04 | 2.4E-05 | 2.8E-05 | 5.9E-04 | 6.4E-04 |
| Bromomethane | 0.2 | NA | NA | 4.4E-05 | 4.4E-05 | NA | NA | 4.4E-05 | 4.4E-05 |
| Ethylbenzene | 12 | 3.4E-04 | 5.0E-04 | 1.5E-04 | 9.8E-04 | 1.0E-04 | 1.2E-04 | 1.5E-04 | 3.8E-04 |
| Isopropylbenzene | 1.2 | 3.4E-05 | 5.0E-05 | 2.1E-04 | 2.9E-04 | 1.0E-05 | 1.2E-05 | 2.1E-04 | 2.3E-04 |
| MTBE | 0.015 | NA | NA | 6.2E-08 | 6.2E-08 | NA | NA | 6.2E-08 | 6.2E-08 |
| Naphthalene | 6.3 | 8.9E-04 | 1.3E-03 | 3.2E-03 | 5.4E-03 | 2.7E-04 | 3.3E-04 | 3.2E-03 | 3.8E-03 |
| Tetrachloroethylene | 4.1 | 1.9E-03 | 4.2E-03 | 1.7E-03 | 7.9E-03 | 5.9E-04 | 1.1E-03 | 1.7E-03 | 3.3E-03 |
| Toluene | 49 | 1.7E-03 | 2.5E-03 | 2.3E-03 | 6.5E-03 | 5.2E-04 | 6.3E-04 | 2.3E-03 | 3.4E-03 |
| Trichloroethylene | 1.2 | 6.8E-03 | 9.9E-03 | 1.1E-02 | 2.8E-02 | 2.1E-03 | 2.5E-03 | 1.1E-02 | 1.6E-02 |
| Vinyl Chloride | 0.1 | 9.4E-05 | 1.4E-04 | 4.2E-05 | 2.7E-04 | 2.9E-05 | 3.4E-05 | 4.2E-05 | 1.1E-04 |
| Xylenes, total | 75 | 1.1E-03 | 1.5E-03 | 8.8E-03 | 1.1E-02 | 3.2E-04 | 3.9E-04 | 8.8E-03 | 9.5E-03 |

Table C-4
Cumulative Health Hazards from Multipathway Soil Exposure
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Worker Exposure Scenario | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Construction Worker | | | | Non-Intrusive Worker | | | |
| | | Ingestion | Dermal | Inhalation | Total HI | Ingestion | Dermal | Inhalation | Total HI |
| **Total Hazard Index** | | | | | **2.5E+00** | | | | **5.7E-01** |

Notes: "nd" not detected
NA = Not applicable
mg/kg = milligrams per kilogram
HI = Hazard Index

Table C-5
Cancer Risks from Incidental Soil Ingestion
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Oral Slope Factor (mg/kg-day)$^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake (mg/kg-day) | | Cancer Risk (Unitless) | |
| | | | Construction Worker | Non-Intrusive | Construction Worker | Non-Intrusive |
| ***Metals*** | | | | | | |
| Antimony | 72.45 | NA | 7.3E-07 | 2.2E-05 | NA | NA |
| Cobalt | 9.37 | NA | 9.5E-08 | 2.9E-06 | NA | NA |
| Chromium (VI) | 73 | 5.0E-01 | 7.4E-07 | 2.2E-05 | 3.7E-07 | 1.1E-05 |
| Molybdenum | 1.67 | NA | 1.7E-08 | 5.1E-07 | NA | NA |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | 0.697 | 2.0E+00 | 7.0E-09 | 2.1E-07 | 1.4E-08 | 4.3E-07 |
| Aroclor 1254 | 0.37 | 2.0E+00 | 3.7E-09 | 1.1E-07 | 7.5E-09 | 2.3E-07 |
| Aroclor 1260 | 0.105 | 2.0E+00 | 1.1E-09 | 3.2E-08 | 2.1E-09 | 6.4E-08 |
| Aroclor 1262 | 0.58 | 2.0E+00 | 5.9E-09 | 1.8E-07 | 1.2E-08 | 3.5E-07 |
| Aroclor 1268 | 0.26 | 2.0E+00 | 2.6E-09 | 8.0E-08 | 5.2E-09 | 1.6E-07 |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | 920.5 | NA | 9.3E-06 | 2.8E-04 | NA | NA |
| TPH (aliphatic high) | 920.5 | NA | 9.3E-06 | 2.8E-04 | NA | NA |
| TPH (aliphatic low) | 64.75 | NA | 6.5E-07 | 2.0E-05 | NA | NA |
| TPH (aromatic low) | 64.75 | NA | 6.5E-07 | 2.0E-05 | NA | NA |
| TPH (aromatic medium) | 268.7 | NA | 2.7E-06 | 8.2E-05 | NA | NA |
| TPH (aliphatic medium) | 268.7 | NA | 2.7E-06 | 8.2E-05 | NA | NA |
| ***VOCs*** | | | | | | |
| 1,1-Dichloroethane | 0.12 | 5.7E-03 | 1.2E-09 | 3.7E-08 | 6.9E-12 | 2.1E-10 |
| 1,1-Dichloroethylene | 0.00023 | NA | 2.3E-12 | 7.0E-11 | NA | NA |
| 1,2-Dichloroethylene (cis) | 0.64 | NA | 6.5E-09 | 2.0E-07 | NA | NA |
| 1,2-Dichloroethylene (trans) | 0.036 | NA | 3.6E-10 | 1.1E-08 | NA | NA |
| 1,2,4-Trimethylbenzene | 33 | NA | 3.3E-07 | 1.0E-05 | NA | NA |
| 1,3,5-Trimethylbenzene | 9.9 | NA | 1.0E-07 | 3.0E-06 | NA | NA |
| 2-Butanone | 1.8 | NA | 1.8E-08 | 5.5E-07 | NA | NA |
| 4-Methyl-2-pentanone | 3.2 | NA | 3.2E-08 | 9.8E-07 | NA | NA |
| Acetone | 0.5 | NA | 5.0E-09 | 1.5E-07 | NA | NA |
| Benzene | 0.11 | 1.0E-01 | 1.1E-09 | 3.4E-08 | 1.1E-10 | 3.4E-09 |
| Bromomethane | 0.2 | NA | 2.0E-09 | 6.1E-08 | NA | NA |
| Ethylbenzene | 12 | 1.1E-02 | 1.2E-07 | 3.7E-06 | 1.3E-09 | 4.0E-08 |
| Isopropylbenzene | 1.2 | NA | 1.2E-08 | 3.7E-07 | NA | NA |
| MTBE | 0.015 | 1.8E-03 | 1.5E-10 | 4.6E-09 | 2.7E-13 | 8.3E-12 |
| Naphthalene | 6.3 | 1.2E-01 | 6.4E-08 | 1.9E-06 | 7.6E-09 | 2.3E-07 |
| Tetrachloroethylene | 4.1 | 5.4E-01 | 4.1E-08 | 1.3E-06 | 2.2E-08 | 6.8E-07 |
| Toluene | 49 | NA | 4.9E-07 | 1.5E-05 | NA | NA |
| Trichloroethylene | 1.2 | 4.6E-02 | 1.2E-08 | 3.7E-07 | 5.6E-10 | 1.7E-08 |

Table C-5
Cancer Risks from Incidental Soil Ingestion
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Oral Slope Factor (mg/kg-day)$^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake (mg/kg-day) | | Cancer Risk (Unitless) | |
| | | | Construction Worker | Non-Intrusive | Construction Worker | Non-Intrusive |
| Vinyl Chloride | 0.1 | 7.2E-01 | 1.0E-09 | 3.1E-08 | 7.3E-10 | 2.2E-08 |
| Xylenes, total | 75 | NA | 7.6E-07 | 2.3E-05 | NA | NA |
| **Total Cancer Risk** | | | | | **4.4E-07** | **1.3E-05** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
NA = Not applicable
Equations:
Construction Worker $INTAKE_{cancer}$ (mg/kg-day) = (CS * IR-Siw * FE * EFiw * Ediw * CF) / (BWiw * $AT_{cancer}$)
Non-Intrusive Worker $INTAKE_{cancer}$ (mg/kg-day) = (CS * IR-Scw * FE * EFcw * EDcw * CF) / ($BW_{cw}$ * $AT_{cancer}$)
Cancer Risk = ($INTAKE_{cancer}$ * CSF)

Table C-6
Cancer Risks from Dermal Contact with Soil
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Soil-to-Skin Absorption Factor (Unitless) | Oral/Dermal Slope Factor $(mg/kg\text{-}day)^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|---|
| | | | | Average Daily Intake (mg/kg-day) | | Cancer Risk (Unitless) | |
| | | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| ***Metals*** | | | | | | | |
| Antimony | 72.45 | 0.01 | NA | 1.1E-07 | 2.7E-06 | NA | NA |
| Cobalt | 9.37 | 0.01 | NA | 1.4E-08 | 3.5E-07 | NA | NA |
| Chromium (VI) | 73 | 0.01 | 5.0E-01 | 1.1E-07 | 2.7E-06 | 5.4E-08 | 1.3E-06 |
| Molybdenum | 1.67 | 0.001 | NA | 2.5E-10 | 6.2E-09 | NA | NA |
| ***PCBs*** | | | | | | | |
| Aroclor 1248 | 0.697 | 0.14 | 2.0E+00 | 1.4E-08 | 3.6E-07 | 2.9E-08 | 7.2E-07 |
| Aroclor 1254 | 0.37 | 0.14 | 2.0E+00 | 7.6E-09 | 1.9E-07 | 1.5E-08 | 3.8E-07 |
| Aroclor 1260 | 0.105 | 0.14 | 2.0E+00 | 2.2E-09 | 5.4E-08 | 4.3E-09 | 1.1E-07 |
| Aroclor 1262 | 0.58 | 0.14 | 2.0E+00 | 1.2E-08 | 3.0E-07 | 2.4E-08 | 6.0E-07 |
| Aroclor 1268 | 0.26 | 0.14 | 2.0E+00 | 5.4E-09 | 1.3E-07 | 1.1E-08 | 2.7E-07 |
| ***TPH*** | | | | | | | |
| TPH (aromatic high) | 920.5 | 0.1 | NA | 1.4E-05 | 3.4E-04 | NA | NA |
| TPH (aliphatic high) | 920.5 | 0.1 | NA | 1.4E-05 | 3.4E-04 | NA | NA |
| TPH (aliphatic low) | 64.75 | 0.1 | NA | 9.6E-07 | 2.4E-05 | NA | NA |
| TPH (aromatic low) | 64.75 | 0.1 | NA | 9.6E-07 | 2.4E-05 | NA | NA |
| TPH (aromatic medium) | 268.7 | 0.1 | NA | 4.0E-06 | 9.9E-05 | NA | NA |
| TPH (aliphatic medium) | 268.7 | 0.1 | NA | 4.0E-06 | 9.9E-05 | NA | NA |
| ***VOCs*** | | | | | | | |
| 1,1-Dichloroethane | 0.12 | 0.1 | 5.7E-03 | 1.8E-09 | 4.4E-08 | 1.0E-11 | 2.5E-10 |
| 1,1-Dichloroethylene | 0.00023 | 0.1 | NA | 3.4E-12 | 8.5E-11 | NA | NA |
| 1,2-Dichloroethylene (cis) | 0.64 | 0.1 | NA | 9.4E-09 | 2.4E-07 | NA | NA |
| 1,2-Dichloroethylene (trans) | 0.036 | 0.1 | NA | 5.3E-10 | 1.3E-08 | NA | NA |
| 1,2,4-Trimethylbenzene | 33 | 0.1 | NA | 4.9E-07 | 1.2E-05 | NA | NA |
| 1,3,5-Trimethylbenzene | 9.9 | 0.1 | NA | 1.5E-07 | 3.7E-06 | NA | NA |
| 2-Butanone | 1.8 | 0.1 | NA | 2.7E-08 | 6.6E-07 | NA | NA |
| 4-Methyl-2-pentanone | 3.2 | 0.1 | NA | 4.7E-08 | 1.2E-06 | NA | NA |
| Acetone | 0.5 | 0.1 | NA | 7.4E-09 | 1.8E-07 | NA | NA |
| Benzene | 0.11 | 0.1 | 1.0E-01 | 1.6E-09 | 4.1E-08 | 1.6E-10 | 4.1E-09 |
| Bromomethane | 0.2 | 0.1 | NA | 3.0E-09 | 7.4E-08 | NA | NA |
| Ethylbenzene | 12 | 0.1 | 1.1E-02 | 1.8E-07 | 4.4E-06 | 1.9E-09 | 4.9E-08 |
| Isopropylbenzene | 1.2 | 0.1 | NA | 1.8E-08 | 4.4E-07 | NA | NA |
| MTBE | 0.015 | 0.1 | 1.8E-03 | 2.2E-10 | 5.5E-09 | 4.0E-13 | 1.0E-11 |
| Naphthalene | 6.3 | 0.1 | 1.2E-01 | 9.3E-08 | 2.3E-06 | 1.1E-08 | 2.8E-07 |
| Tetrachloroethylene | 4.1 | 0.15 | 5.4E-01 | 9.1E-08 | 2.3E-06 | 4.9E-08 | 1.2E-06 |
| Toluene | 49 | 0.1 | NA | 7.2E-07 | 1.8E-05 | NA | NA |
| Trichloroethylene | 1.2 | 0.1 | 4.6E-02 | 1.8E-08 | 4.4E-07 | 8.1E-10 | 2.0E-08 |
| Vinyl Chloride | 0.1 | 0.1 | 7.2E-01 | 1.5E-09 | 3.7E-08 | 1.1E-09 | 2.7E-08 |

Table C-6
Cancer Risks from Dermal Contact with Soil
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Soil-to-Skin Absorption Factor (Unitless) | Oral/Dermal Slope Factor $(mg/kg\text{-}day)^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|---|
| | | | | Average Daily Intake (mg/kg-day) | | Cancer Risk (Unitless) | |
| | | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| Xylenes, total | 75 | 0.1 | NA | 1.1E-06 | 2.8E-05 | NA | NA |
| **Total Cancer Risk** | | | | | | **2.0E-07** | **5.0E-06** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
NA = Not applicable
Equations:
Construction Worker $INTAKE_{cancer}$ (mg/kg-day) = (CS * SAiw * AFiw * ABS * FE * EFiw * EDiw * CF) / (BWiw * $AT_{cancer}$)
Non-Intrusive Worker $INTAKE_{cancer}$ (mg/kg-day) = (CS * SAcw * AFcw * ABS * FE * EFcw * EDcw * CF) / (BWcw * $AT_{cancer}$)
Cancer Risk = ($INTAKE_{cancer}$ * CSF)

Table C-7
Cancer Risks from Inhalation of Outdoor Air
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Inhalation Unit Risk $(ug/m^3)^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake ($ug/m^3$) | | Cancer Risk (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| ***Metals*** | | | | | | |
| Antimony | 72.45 | NA | 5.9E-05 | 4.5E-06 | NA | NA |
| Cobalt | 9.37 | 9.0E-03 | 7.6E-06 | 5.8E-07 | 6.9E-08 | 5.2E-09 |
| Chromium (VI) | 73 | 1.5E-01 | 6.0E-05 | 4.5E-06 | 8.9E-06 | 6.8E-07 |
| Molybdenum | 1.67 | NA | 1.4E-06 | 1.0E-07 | NA | NA |
| ***PCBs*** | | | | | | |
| Aroclor 1248 | 0.697 | 5.7E-04 | 5.7E-07 | 4.3E-08 | 3.2E-10 | 2.5E-11 |
| Aroclor 1254 | 0.37 | 5.7E-04 | 3.0E-07 | 2.3E-08 | 1.7E-10 | 1.3E-11 |
| Aroclor 1260 | 0.105 | 5.7E-04 | 8.6E-08 | 6.5E-09 | 4.9E-11 | 3.7E-12 |
| Aroclor 1262 | 0.58 | 5.7E-04 | 4.7E-07 | 3.6E-08 | 2.7E-10 | 2.1E-11 |
| Aroclor 1268 | 0.26 | 5.7E-04 | 2.1E-07 | 1.6E-08 | 1.2E-10 | 9.2E-12 |
| ***TPH*** | | | | | | |
| TPH (aromatic high) | 920.5 | NA | 7.5E-04 | 5.7E-05 | NA | NA |
| TPH (aliphatic high) | 920.5 | NA | 7.5E-04 | 5.7E-05 | NA | NA |
| TPH (aliphatic low) | 64.75 | NA | 5.3E-05 | 4.0E-06 | NA | NA |
| TPH (aromatic low) | 64.75 | NA | 5.3E-05 | 4.0E-06 | NA | NA |
| TPH (aromatic medium) | 268.7 | NA | 2.2E-04 | 1.7E-05 | NA | NA |
| TPH (aliphatic medium) | 268.7 | NA | 2.2E-04 | 1.7E-05 | NA | NA |
| ***VOCs*** | | | | | | |
| 1,1-Dichloroethane | 0.12 | 1.6E-06 | 6.6E-06 | 6.6E-04 | 1.1E-11 | 1.1E-09 |
| 1,1-Dichloroethylene | 0.00023 | NA | 2.7E-08 | 2.7E-06 | NA | NA |
| 1,2-Dichloroethylene (cis) | 0.64 | NA | 3.3E-05 | 3.3E-03 | NA | NA |
| 1,2-Dichloroethylene (trans) | 0.036 | NA | 2.6E-06 | 2.6E-04 | NA | NA |
| 1,2,4-Trimethylbenzene | 33 | NA | 3.4E-04 | 3.4E-02 | NA | NA |
| 1,3,5-Trimethylbenzene | 9.9 | NA | 2.4E-04 | 2.4E-02 | NA | NA |
| 2-Butanone | 1.8 | NA | 2.5E-05 | 2.5E-03 | NA | NA |
| 4-Methyl-2-pentanone | 3.2 | NA | 3.2E-05 | 3.2E-03 | NA | NA |
| Acetone | 0.5 | NA | 8.1E-06 | 8.1E-04 | NA | NA |
| Benzene | 0.11 | 2.9E-05 | 6.3E-06 | 6.3E-04 | 1.8E-10 | 1.8E-08 |
| Bromomethane | 0.2 | NA | 1.4E-05 | 1.4E-03 | NA | NA |
| Ethylbenzene | 12 | 2.5E-06 | 5.3E-04 | 5.3E-02 | 1.3E-09 | 1.3E-07 |
| Isopropylbenzene | 1.2 | NA | 3.0E-04 | 3.0E-02 | NA | NA |
| MTBE | 0.015 | 2.6E-07 | 6.6E-07 | 6.6E-05 | 1.7E-13 | 1.7E-11 |
| Naphthalene | 6.3 | 3.4E-05 | 3.4E-05 | 3.4E-03 | 1.2E-09 | 1.2E-07 |
| Tetrachloroethylene | 4.1 | 6.1E-06 | 2.4E-04 | 2.4E-02 | 1.5E-09 | 1.5E-07 |

Table C-7
Cancer Risks from Inhalation of Outdoor Air
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Inhalation Unit Risk $(ug/m^3)^{-1}$ | Worker Exposure Scenario | | | |
|---|---|---|---|---|---|---|
| | | | Average Daily Intake ($ug/m^3$) | | Cancer Risk (Unitless) | |
| | | | Construction Worker | Non-Intrusive Workers | Construction Worker | Non-Intrusive Workers |
| Toluene | 49 | NA | 2.4E-03 | 2.4E-01 | NA | NA |
| Trichloroethylene | 1.2 | 4.1E-06 | 7.9E-05 | 7.9E-03 | 3.2E-10 | 3.2E-08 |
| Vinyl Chloride | 0.1 | 7.8E-05 | 1.5E-05 | 1.5E-03 | 1.2E-09 | 1.2E-07 |
| Xylenes, total | 75 | NA | 3.2E-03 | 3.2E-01 | NA | NA |
| **Total Cancer Risk** | | | | | **9.0E-06** | **1.2E-06** |

Notes: "nd" not detected
mg/kg = milligrams per kilogram
$ug/m^3$= micrograms per cubic meter
NA = Not applicable
Intake Equations:
VOC Exposure Concentration ($ug/m^3$) = (CS * EF * ED * ET) / (VF * ATc)
INTAKEcancer (mg/kg-day) = (CS * EFiw * EDiw * [1/PEF] * IR-Aiw) / (BWiw * ATcancer)
Cancer Risk = ($INTAKE_{cancer}$ * CSF)
INTAKEcancer (mg/kg-day) = (CS * EFcw * EDcw * [1/PEF] * IR-Acw) / (BWcw * ATcancer)
PEF Construction Worker $m^3/kg$ 1.00E+06
PEF Non-Intrusive Worker $m^3/kg$ 1.32E+09

Table C-8
Cumulative Cancer Risks from Multipathway Soil Exposure
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Worker Exposure Scenario | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Construction Worker | | | | Non-Intrusive Worker | | | |
| | | Ingestion | Dermal | Inhalation | Total Risk | Ingestion | Dermal | Inhalation | Total Risk |
| ***Metals*** | | | | | | | | | |
| Antimony | 72.45 | NA | NA | NA | -- | NA | NA | NA | -- |
| Cobalt | 9.37 | NA | NA | 6.9E-08 | 6.9E-08 | NA | NA | 5.2E-09 | 5.2E-09 |
| Chromium (VI) | 73 | 3.7E-07 | 5.4E-08 | 8.9E-06 | 9.4E-06 | 1.1E-05 | 1.3E-06 | 6.8E-07 | 1.3E-05 |
| Molybdenum | 1.67 | NA | NA | NA | -- | NA | NA | NA | -- |
| ***PCBs*** | | | | | | | | | |
| Aroclor 1248 | 0.697 | 1.4E-08 | 2.9E-08 | 3.2E-10 | 4.3E-08 | 4.3E-07 | 7.2E-07 | 2.5E-11 | 1.1E-06 |
| Aroclor 1254 | 0.37 | 7.5E-09 | 1.5E-08 | 1.7E-10 | 2.3E-08 | 2.3E-07 | 3.8E-07 | 1.3E-11 | 6.1E-07 |
| Aroclor 1260 | 0.105 | 2.1E-09 | 4.3E-09 | 4.9E-11 | 6.5E-09 | 6.4E-08 | 1.1E-07 | 3.7E-12 | 1.7E-07 |
| Aroclor 1262 | 0.58 | 1.2E-08 | 2.4E-08 | 2.7E-10 | 3.6E-08 | 3.5E-07 | 6.0E-07 | 2.1E-11 | 9.5E-07 |
| Aroclor 1268 | 0.26 | 5.2E-09 | 1.1E-08 | 1.2E-10 | 1.6E-08 | 1.6E-07 | 2.7E-07 | 9.2E-12 | 4.3E-07 |
| ***TPH*** | | | | | | | | | |
| TPH (aromatic high) | 920.5 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aliphatic high) | 920.5 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aliphatic low) | 64.75 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aromatic low) | 64.75 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aromatic medium) | 268.7 | NA | NA | NA | -- | NA | NA | NA | -- |
| TPH (aliphatic medium) | 268.7 | NA | NA | NA | -- | NA | NA | NA | -- |
| ***VOCs*** | | | | | | | | | |
| 1,1-Dichloroethane | 0.12 | 6.9E-12 | 1.0E-11 | 1.1E-11 | 2.8E-11 | 2.1E-10 | 2.5E-10 | 1.1E-09 | 1.5E-09 |
| 1,1-Dichloroethylene | 0.00023 | NA | NA | NA | -- | NA | NA | NA | -- |
| 1,2-Dichloroethylene (cis) | 0.64 | NA | NA | NA | -- | NA | NA | NA | -- |
| 1,2-Dichloroethylene (trans) | 0.036 | NA | NA | NA | -- | NA | NA | NA | -- |
| 1,2,4-Trimethylbenzene | 33 | NA | NA | NA | -- | NA | NA | NA | -- |
| 1,3,5-Trimethylbenzene | 9.9 | NA | NA | NA | -- | NA | NA | NA | -- |
| 2-Butanone | 1.8 | NA | NA | NA | -- | NA | NA | NA | -- |
| 4-Methyl-2-pentanone | 3.2 | NA | NA | NA | -- | NA | NA | NA | -- |
| Acetone | 0.5 | NA | NA | NA | -- | NA | NA | NA | -- |
| Benzene | 0.11 | 1.1E-10 | 1.6E-10 | 1.8E-10 | 4.6E-10 | 3.4E-09 | 4.1E-09 | 1.8E-08 | 2.6E-08 |
| Bromomethane | 0.2 | NA | NA | NA | -- | NA | NA | NA | -- |
| Ethylbenzene | 12 | 1.3E-09 | 1.9E-09 | 1.3E-09 | 4.6E-09 | 4.0E-08 | 4.9E-08 | 1.3E-07 | 2.2E-07 |
| Isopropylbenzene | 1.2 | NA | NA | NA | -- | NA | NA | NA | -- |
| MTBE | 0.015 | 2.7E-13 | 4.0E-13 | 1.7E-13 | 8.4E-13 | 8.3E-12 | 1.0E-11 | 1.7E-11 | 3.5E-11 |
| Naphthalene | 6.3 | 7.6E-09 | 1.1E-08 | 1.2E-09 | 2.0E-08 | 2.3E-07 | 2.8E-07 | 1.2E-07 | 6.3E-07 |
| Tetrachloroethylene | 4.1 | 2.2E-08 | 4.9E-08 | 1.5E-09 | 7.3E-08 | 6.8E-07 | 1.2E-06 | 1.5E-07 | 2.0E-06 |
| Toluene | 49 | NA | NA | NA | -- | NA | NA | NA | -- |
| Trichloroethylene | 1.2 | 5.6E-10 | 8.1E-10 | 3.2E-10 | 1.7E-09 | 1.7E-08 | 2.0E-08 | 3.2E-08 | 7.0E-08 |
| Vinyl Chloride | 0.1 | 7.3E-10 | 1.1E-09 | 1.2E-09 | 3.0E-09 | 2.2E-08 | 2.7E-08 | 1.2E-07 | 1.7E-07 |
| Xylenes, total | 75 | NA | NA | NA | -- | NA | NA | NA | -- |

Table C-8
Cumulative Cancer Risks from Multipathway Soil Exposure
Construction Worker and Non-Intrusive Worker Exposure Scenarios
2200 North Rosemead Boulevard
South El Monte, California

| COPC | Exposure Point Concentration (mg/kg) | Worker Exposure Scenario | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Construction Worker | | | | Non-Intrusive Worker | | | |
| | | Ingestion | Dermal | Inhalation | Total Risk | Ingestion | Dermal | Inhalation | Total Risk |
| **Total Cancer Risk** | | | | | **9.6E-06** | | | | **2.0E-05** |

Notes: "nd" not detected
NA = Not applicable
mg/kg = milligrams per kilogram

# APPENDIX C

## Leighton September 3, 2021 Report

## Limited Soil And Soil Vapor Site Investigation

# REPORT
# LIMITED SOIL AND SOIL VAPOR SITE INVESTIGATION

# ROSEMEAD HOLDING, LLC - PHASE 1 DEVELOPMENT
# 2200 NORTH ROSEMEAD BOULEVARD
# SOUTH EL MONTE, CALIFORNIA

Prepared For: **ROSEMEAD HOLDING, LLC**
221 NORTH ORANGE AVENUE
INDUSTRY, CALIFORNIA 91744

Prepared By: **LEIGHTON CONSULTING, INC.**
17781 COWAN
IRVINE, CALIFORNIA 92614

Project No. 13111.001

September 3, 2021

Leighton Consulting, Inc.
A Leighton Group Company

September 3, 2021

Project No. 13111.001

Rosemead Holding, LLC
221 North Orange Avenue
Industry, California 91744

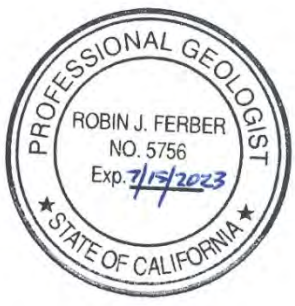
Attention: Mr. Wayne Wang, Owner

**Subject:** **Report - Limited Soil and Soil Vapor Site Investigation**
**Rosemead Holding, LLC - Phase 1 Development Site**
**2200 North Rosemead Boulevard**
**South El Monte, California**

This Limited Soil and Soil Vapor Site Investigation Report was prepared for Rosemead Holding, LLC's Phase 1 development project, which is located at 2200 North Rosemead Boulevard, South El Monte, California. The report was prepared by Leighton Consulting Inc. for Rosemead Holding, LLC, in a manner consistent with the level of care and skill ordinarily exercised by professional geologists and environmental scientists. This Report was prepared under the technical direction of the undersigned which include a California Professional Engineer and a California Professional Geologist.

Respectfully submitted,

LEIGHTON CONSULTING, INC.




Marius Vilkas
Staff Geologist
661.705.3026, mvikas@leightongroup.com

Matt Himmelstein, PE
Principal Engineer, 949-681-4276
949.681.4276, mhimmelstein@leightongroup.com

Robin J. Ferber, PG
Senior Principal Geologist
661-705-3025, rferber@leightongroup.com

MH/RF/lr

Distribution: (1) addressee (PDF via e-mail)

# TABLE OF CONTENTS

**SECTION ..... PAGE**

**1.0 INTRODUCTION ..... 1**

**2.0 PURPOSE OF INVESTIGATION ..... 3**

**3.0 SITE BACKGROUND ..... 4**

3.1. Historical Land Use ..... 4
3.2. Historical Investigations ..... 4
3.3. Regional/Site Groundwater Status ..... 9
3.4. Current Regulatory Status ..... 9

**4.0 PHYSICAL SETTING ..... 10**

4.1. Site Geology ..... 10
4.2. Hydrogeology ..... 10

**5.0 REGULATORY FRAMEWORK FOR SOIL INVESTIGATIONS ..... 11**

**6.0 INVESTIGATIVE METHODOLOGY ..... 12**

6.1. Pre-field Activities ..... 12

6.1.1. Preliminary Site Walk ..... 12
6.1.2. Site-Specific Health and Safety Plan (HASP) ..... 12
6.1.3. Notify Underground Services Alert (USA) ..... 12

6.2. June 2021 Soil & soil vapor Investigation ..... 12

6.2.1. Geophysical Utility Clearance ..... 13
6.2.2. Soil Sampling & logging Activities ..... 13
6.2.3. Soil Vapor Probe Construction ..... 14
6.2.4. Soil Vapor Sampling Activities ..... 15

6.3. Laboratory Analyses ..... 15

**7.0 LEIGHTON INVESTIGATIVE RESULTS ..... 16**

7.1. Field Observations ..... 16
7.2. Analytical Test Results – Leighton Soil Samples ..... 16

7.2.1. Title 22 Metals in Soil ..... 16
7.2.2. Title 22 Metals – STLC, TCLP, and Chromium VI Results ..... 18
7.2.3. Polychlorinated Biphenyls (PCBs) in Soil ..... 19
7.2.4. VOCs in Soil ..... 20
7.2.5. TPH in Soil ..... 21

7.3. Analytical Test Results – Leighton Soil Vapor Samples ..... 22

**8.0 EXTENT OF COPCS ..... 25**

8.1. Metals in Soil ..... 25

8.1.1. Lead ..... 25
8.1.2. Arsenic ..... 26
8.1.3. Chromium ..... 27
8.1.4. Other Metals ..... 27
8.2. PCBs in Soil ..... 27
8.3. VOCs in Soil ..... 28
8.4. TPH in Soil ..... 28
8.5. VOCs in Soil Vapor ..... 29
**9.0 CONCLUSIONS AND RECOMMENDATIONS ..... 30**
**10.0 LIMITATIONS/DISCLOSURE ..... 33**
**REFERENCES ..... 34**

## TABLES

Table 1 – Shallow Soil Boring and Soil Vapor Probe Summary
Table 2 – June 2021 Soil Analytical Test Results – Metals in mg/kg
Table 3 – June 2021 Soil Analytical Test Results – Polychlorinated Biphenyls in µg/kg
Table 4 – June 2021 Soil Analytical Test Results – Volatile Organic Compounds (VOCs) in µg/kg and Total Petroleum Hydrocarbons (TPH) in mg/kg
Table 5 – June 2021 Soil Vapor Analytical Test Results – Detected Volatile Organic Compounds (VOCs) in µg/m3

## FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Phase 1 Proposed Building Schematic
Figure 4 – Soil Sampling Locations from 2020 and 2021 Site Investigations

## PLATES

Plate 1 – Selected CAM-17 Metals Detected in Soil Samples in mg/kg
Plate 2 – Selected PCB Compounds Detected in Soil Samples in µg/kg
Plate 3 – Selected Volatile Organic Compounds in ug/kg and TPH in mg/kg Detected in Soil Samples
Plate 4 – Selected Volatile Organic Compounds Detected in Soil Vapor Samples in µg/m3 by EEC in October 2020
Plate 5 – Selected Volatile Organic Compounds in µg/m3 Detected in Leighton Soil Vapor Samples, June 2021

## Appendices

Appendix A – March 17, 1998 Los Angeles Regional Water Quality Control Board No Further Requirements Letter
Appendix B – Historical Data Tables
Appendix C – Boring Logs
Appendix D – Laboratory Reports and Chain-of-Custody Forms

# 1.0 INTRODUCTION

Leighton Consulting, Inc. (Leighton) has prepared this report for Rosemead Holding, LLC (RH) to summarize the results of the limited soil and soil vapor investigation conducted in June 2021 at 2200 Rosemead Boulevard in South El Monte, California (the site or subject property). The site includes all or portions of the following Los Angeles County AIN parcels: 8102-039-031, 8102-039-035, 8102-039-029, and 8102-039-030.

The tenants located at or recently vacated the site include:

1. The easternmost and most significant portion of the site is occupied by Ditty Container, Inc. Ditty subleased the from Pacific Coast Drum Company (PCD) from in 1996 and is in the process of vacating the site. Both PCD and Ditty cleaned, refurbished, and in some cases repainted drums and refurbished plastic tote containers since the 1940s, primarily for the food industry.

2. The northwestern-most portion of the site was formerly operated by BJ's Tire Spot and used for tire and truck tire repairs. We understand this tenant has vacated the site.

3. The two buildings south of BJ's Tire Spot were occupied by DreamWorks Auto Center and were used for auto body repair. Some of the building office space was shared between both with Ditty and DreamWorks Auto Center. We understand DreamWorks Auto Center has vacated the site.

The site is generally located north of Rush Street and east of Rosemead Boulevard in the City of South El Monte, California (see Figure 1).

This report also provides information for RH on how to address areas of the site where shallow soil is affected with selected metals, volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), and total petroleum hydrocarbons (TPH) exceeding regulatory-approved screening levels. In addition, this report addresses options associated with VOCs in soil vapor that exceed screening levels and may require mitigation. Soils requiring management as nonhazardous waste, non-RCRA hazardous waste, and/or RCRA hazardous waste requiring offsite disposal at a permitted landfill or facility are also discussed.

This industrial site is approximately 5.1-acres primarily consisting of concrete and asphalt paved lots with limited areas of exposed soil and vegetation in the southern portion. (Figure 2). The central, northern, and western portions of the subject property have five buildings; the easternmost buildings have been utilized for industrial cleaning

activities associated with Ditty Container, Inc. The westernmost buildings are currently vacant but were previously used for automotive repair and tire services (Figure 2). The northeast and eastern portions of the subject site are currently utilized for storage of used metal 55-gallon drums, cubic plastic tote containers, and associated accessories used in the food industry. The southern portion of the site consists of an asphalt and unpaved lot which is currently used as storage for truck trailers and shipping containers for the transport of food drums and related items.

The soil and soil vapor investigation, which was conducted by Leighton from June 18 through June 29, 2021, was performed to further characterize the lateral and vertical extent of CAM-17 metals, PCBs, and VOCs in soil, as well as VOCs in soil vapor, in locations beneath the site not investigated by previous consultants. The investigation included 20 soil borings, with ten (10) of these locations having dual- or multi-nested soil vapor probes also installed, up to a maximum depth of 35 feet below ground surface (bgs).

The proposed land use for the site is for commercial and industrial purposes, including street-front retail space, warehouse storage, and subterranean parking beneath the western most portion of the future building (Figure 3).

## 2.0 PURPOSE OF INVESTIGATION

The primary objective of this investigation was to characterize the lateral and vertical extent of the 17 metals listed in the California Code of Regulations, Title 22, Article 11 (i.e., the CAM-17 metals), PCBs, and VOCs in soil, as well as VOCs in soil vapor detected beneath the subject property, in conjunction with data from previous investigations. Soil sampling and analytical testing was also performed on soil samples collected along the eastern-most boundary of the site not previously been investigated. Soil and soil vapor sample locations were selected in areas where data gaps in previous site investigations were identified, and also to better define the lateral extent of chemicals of potential concern (COPCs) in the soil and soil vapor. Note that two separate rounds of subsurface investigations were conducted in 2020 as part of due diligence during the acquisition of the subject property and are discussed below. The three recent subsurface investigation and prior work undertaken in the 1990s, demonstrate that the subject property has been well characterized.

# 3.0 SITE BACKGROUND

## 3.1. HISTORICAL LAND USE

Based on a review of historical documents and aerial photographs (provided in Appendix B), the subject property appears to have the following historical and current land use history:

- Approximately 1928 through 1948 - Agricultural land use
- Approximately 1948 through 1959 – Construction equipment storage
- 1959 - Pacific Coast Drum Company (PCD) develops site and adjoining property to the north as a drum cooperage facility for reconditioning of steel drums primarily used in the food industry
- 1996 to Present Day – Ditty Container Company, Inc. (drum cleaning and reconditioning); including aboveground/underground storage tanks (AST/UST) and sumps
- 1996 to Present Day - various auto body shops have occupied the western portion of the subject property

## 3.2. HISTORICAL INVESTIGATIONS

As part of the scope of this investigation, Leighton completed a review of the pertinent historical investigative reports pertaining to the Site, which were provided by RH.

- Leighton reviewed multiple reports prepared by several environmental consultants between the years 1988 to1998. Many of these documents were prepared in response to regulatory oversight that was conducted by the Los Angeles Regional Water Quality Control Board (LARWQCB). The LARWQCB issued a March 17, 1998 No Further Requirements (NFR) letter to the Former Pacific Coast Drum Company (Appendix A). The letter summarized past activities that were conducted under regulatory oversight at the subject property. The NFR letter noted the following past activities:
    - Areas of concern at the site included a former underground storage tank (UST) containing gasoline; a drum storage area along the eastern and southern portions of the site; one clarifier and three sumps; and a drum storage area in the northeast corner of the site.

- A 12,000-gallon UST was removed in closed by the Los Angeles County Department of Public Works in October 1986.
- In 1988, a soil investigation was performed near the clarifier and sumps area and included exploratory soil borings to a maximum depth of 50 feet below ground surface (bgs). Acetone was detected at 5 feet bgs and TPH was detected at 40 feet bgs. Two of the exploratory soil borings were converted into monitoring wells (MW-1 and MW-2).
- In August 1990, one monitoring well (MW-3) was installed in the former drum storage area in the northeast corner of the site. Some VOCs were detected in soil at 30 feet bgs.
- In September 1991, a soil vapor survey was performed which included a total of 85 soil vapor probes installed at a depth of 5 feet bgs. Low concentrations of methane gas and vinyl chloride were detected in the probes. The LARWQCB noted that the soil vapor survey data was questionable as there were quality assurance/quality control problems.
- In August 1994, a soil investigation was performed which included a total of 16 borings drilled to a depth of 10 feet bgs. The VOCs detected in the probes included 1,1-dichloroethane (1,1-DCA), perchloroethylene (PCE), and trichloroethylene (TCE).
- In March 1995, a soil vapor survey was performed and the results were submitted by EST in a report dated April 5, 1995. Nested soil vapor probes were installed near the sumps and clarifier areas. Chlorinated VOCS including 1,1-DCA, cis-1,2-DCE, PCE, and TCE were detected in the soil vapor samples.
- In August 1995, another soil vapor survey was performed in the former drum storage area and the northeast corner of the site (currently offsite and to the north of the subject property). Concentrations of 1,1-Dichloroethylene (DCE), PCE and TCE were detected in the probes.
- In January 1996, an additional soil vapor survey was performed in the former drum storage area to the northeast corner of the site. Four nested probes were installed with probes at depths of 1 foot and 20 feet bgs. Elevated BTEX, PCE, and TCE were detected in the probes.
- Between April 18, 1997 and January 29, 1998, a total of four nested soil vapor probes at depths of approximately 15 and 20 feet bgs were sampled to monitor the VOC vapor concentrations in the vadose zone. Based on a total of four sets of vapor monitoring data, PCE, the compound detected at

the highest concentrations, reduced from 241 ug/l to 38 ug/l and became stabilized over the monitoring period.

- Three groundwater monitoring wells have been installed and sampled seven times since September 1990. VOCs detected in the groundwater samples included 1,1-DCA, 1,1-DCE, 1,2-DCE, PCE, trichloroethene (TCA), and TCE. The most elevated VOCs concentrations were detected in the monitoring well near the sumps and clarifier areas (i.e., MW-2). The groundwater was measured in February 1997 at a depth of approximately 21 feet bgs. (Note: Leighton measured the depth to groundwater in MW-2 in June 2021 at a depth of approximately 45 feet bgs.)

Based on the multiple investigations historically conducted between 1986 and 1998, the LARWQCB NFR letter summarized that further soil cleanup was not required. The LARWQCB indicated that residual VOCs concentrations in the vadose zone stabilized or declined over the monitoring period. The letter noted that further vapor monitoring was not warranted. In addition, the letter indicated that *"…the subject site has completed Regional Board staff requirements and we will not require any further remedial and investigative work with regarding [sic] to the soil contamination."* Lastly, the letter noted that "…*Because past operations have impacted groundwater beneath this facility, you remain a potentially responsible party for the regional groundwater cleanup which is being led by USEPA. This Regional Board encourages you to continue to participate and cooperate in the ongoing regional groundwater cleanup. Sampling of the three existing groundwater monitoring wells required by this Regional Board can be discontinued. However all monitoring wells must be properly maintained and made available for possible future sampling that may be required by USEPA."* In over 30 years, the USEPA has not requested any groundwater sampling from the site.

To evaluate site conditions associated with the potential demolition and redevelopment of the subject property by other parties including Rosemead Holding, more recent soil and soil vapor investigations were conducted at the site including the following:

- EEC Environmental's October 19, 2020 *Technical Memorandum, Results of Phase II Subsurface Investigation in August and September 2020*. The Phase II subsurface investigation included sampling of soil, soil vapor, and grab groundwater samples. EEC conducted a Phase II Subsurface Investigation in August and September 2020. A total of 33 soil borings were drilled to a depth of approximately 15 feet bgs. Soil samples were collected at depths of 2, 5, 10 and 15 feet bgs in each of the 33 soil borings. In addition, in 22 of the

33 borings, dual nested soil vapor probes were installed at depths of 5 feet bgs and 15 feet bgs and soil vapor samples were collected. Lastly, four additional soil borings to a depth of 48 feet bgs were installed to collect groundwater samples in soil samples in areas of concern. All of the analytical test data were compared to the San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels established for a commercial/industrial scenario.

Eighty-four soil samples were analyzed for VOCs. VOCs were detected in all soil samples with PCE, TCE, and BTEX compounds being the dominant VOCs detected. With the exception of soil sample SB-21 at 5 feet bgs (located in the south-central portion of the site) which contained PCE at 4,100 ug/kg exceeding its 2,700 ug/kg commercial ESL, there were no soil sampling data discovered by EEC that would indicate a source area for VOCs detected in the soil vapor samples collected by EEC. Total petroleum hydrocarbons (TPH) as gasoline and TPH as diesel detected in multiple soil samples some of which exceeded their respective ESLs. Twenty soil samples were analyzed for PCBs and three soil samples exceeded their respective commercial ESL for PCB Aroclors. Polycyclic aromatic hydrocarbons (PAHs) were analyzed for in 33 soil samples; however, only benzo(a)pyrene was detected above its commercial ESL in one soil sample (SB-14) in the northeast portion of the site at a depth of 2 feet bgs. Concentrations of antimony, arsenic, and lead were detected above their respective ESLs in various boring locations.

Results of soil vapor samples analyzed for VOCs indicated that elevated concentrations of VOCs are present throughout the site with the most elevated samples found along the southern portion of the subject property. Four groundwater samples were analyzed for VOCs and some of the VOCs exceeded their respective Maximum Contaminant Levels but EEC noted the VOCs were not present at concentrations that typically require remediation. Selected analytical test data from the EEC investigation are summarized in Appendix B.

- EFI Global *Additional Site Characterization Report*, prepared December 9, 2020. The EFI report also included soil sampling activities that were conducted on the site. EFI advanced 16 soil borings in November 2020 to further characterize and document lead and PCB impacts in soil in the eastern and southern portion of the subject property. The soil borings were drilled to a maximum depth of 4 feet bgs. A total of 69 soil samples were collected and selected soil samples were analyzed for total lead and PCBs. In addition, soil samples with elevated lead concentrations were also analyzed using the California Waste Extraction Test (CA WET) and Toxicity

Characteristic Leaching Procedure (TCLP) to evaluate their waste characteristic.

EFI found that total lead was detected in soil samples at concentrations ranging from 6.36 milligrams per kilogram (mg/kg) to 19,900 mg/kg. EFI's site characterization revealed soils with total lead concentrations that exceed the California-EPA, Department of Toxic Substances Control (DTSC)-Screening Level established for total lead (320 mg/kg) in a commercial/industrial setting. Based on the CA WET and TCLP extractions, some of the soil samples exceeded the 5.0 mg/l criteria that requires their management as Non-RCRA hazardous waste and RCRA hazardous waste when excavated.

The analysis of soil samples for PCBs revealed concentrations ranging from 66.7 ug/kg to 30,600 ug/kg. Multiple shallow soil samples exceeded the DTSC-SLs established for PCBs. The elevated PCB and total lead concentrations were found co-located at multiple boring all locations in shallow soil at depths generally less than 4 feet bgs. Selected analytical test data from the EFI characterization activities are summarized in Appendix B.

Leighton's review of the historical analytical test data from soil sampling indicates that shallow soil beneath portions of 2200 North Rosemead Boulevard is reported to have been affected by elevated concentrations of lead and PCBs. In addition, soil vapor and groundwater are reported to have been affected by elevated concentrations of VOCs.

The primary purpose of the soil investigation and soil vapor survey conducted by Leighton was to evaluate for the presence of data gaps and further evaluate the extent of COPCs previously investigated by others at the site with the ultimate goal of establishing a voluntary cleanup agreement with the Los Angeles Regional Water Quality Control Board and obtaining no further action status to facilitate the development of the site.

In the above-listed reports from 2020, the analytical test data were evaluated against the following multiple sources of soil screening levels established for a commercial setting: the San Francisco Bay Regional Water Quality Control Board (SFBRWQB) Environmental Screening Levels (ESLs) (January 2019), United States Environmental Protection Agency (US EPA) Regional Screening Levels (RSLs) (May 2020), and the California EPA, Department of Toxic Substances Control Screening Levels (DTSC-SLs) (June 2020). These screening levels were not proposed as remedial goals, and are presented in the report solely for context in reviewing areas of the site where COPCs may require remediation.

## 3.3. REGIONAL/SITE GROUNDWATER STATUS

The site is located in the San Gabriel Valley of California. The San Gabriel Valley includes the South El Monte Operable Unit (SEMOU) of the San Gabriel Valley Superfund site, which has been affected by groundwater contamination from VOCs including perchloroethylene (PCE), trichloroethylene (TCE), carbon tetrachloride, perchlorate, 1,4-dioxane, and other chemicals of concern (COCs). A May 15, 2012 Consent Decree between the US EPA/DTSC (Plaintiff) and various Settling Defendant parties (including PCD) was signed in 2012 and pertains to the SEMOU. The Settling Defendants of the Consent Decree (including PCD) entered into this agreement to protect public health but did not admit liability arising from any of the previous or current releases.

Two groundwater monitoring wells (MW-2 and MW-3) are located on the southern portion of the subject site (i.e., 2200 Rosemead Blvd parcel). It is unknown when the MW-2 and MW-3 monitoring wells were last sampled and tested. EEC encountered groundwater during Hydropunch sampling, in September 2020, at a depth of 45 feet bgs in four locations (EEC, October, 2020). The results of EEC's September 2020 grab groundwater sampling from four temporary Hydropunch groundwater wells indicated the presence of PCE, TCE, cis-1,2-DCE, 1,1-DCA, toluene, ethylbenzene, and total xylenes at concentrations exceeding the California Maximum Contaminant Level (CA MCL) for drinking water.

## 3.4. CURRENT REGULATORY STATUS

As noted above in Section 3.2, the LARWQCB issued a "No Further Requirements" letter to the Former Pacific Coast Drum Company on March 17, 1998. This letter stated that "…*To date, the subject site has completed Regional Board staff requirements and we will not require any further remedial and investigative work with regarding [sic] to the soil contamination."* In addition, the letter noted "…*we do not believe that further vapor monitoring is warranted*." No additional investigation of remedial activities was required for soil or soil vapor conditions at the site. Regulatory oversight for groundwater issues are discussed in the above Section 3.3.

# 4.0 PHYSICAL SETTING

## 4.1. SITE GEOLOGY

The subject site, approximately 237 feet above mean sea level (AMSL), is located approximately 0.25 miles east of the Rio Hondo River and approximately 2.75 miles west of the San Gabriel River, within the Los Angeles Basin (Basin), a structural trough located within Southern California. The Basin is a northwest-trending lowland plain about 50 miles long and 20 miles wide with extensive alluviation. Mountains and hills that generally expose Late Cretaceous to Late Pleistocene-age sedimentary and igneous rocks bound the Basin along the north, northeast, east and southeast (Dibblee, Jr., 1999).

The Basin is part of the Peninsular Ranges geomorphic province of California, which is characterized by subparallel blocks sliced longitudinally by young, steeply dipping northwest-trending fault zones. The Basin is a region of active sedimentation, and strata are interpreted to be as much as 31,000 feet thick in the center of the trough.

The near-surface native soils at the subject site are Holocene-age non-marine alluvium comprised of varying proportions of sand, gravel, silt, and clay deposited by the rivers. These deposits are anticipated to be on the order of several hundred feet in thickness, where they are subsequently underlain by thick (several thousands of feet) sequences of sedimentary rock formations (Dibblee, Jr., 1999).

## 4.2. HYDROGEOLOGY

Groundwater was not encountered in any boring drilled during the soil investigations performed by Leighton. However, two onsite groundwater monitoring wells, MW-2 and MW-3, were gauged during the June 2021 investigation, and respectively exhibited depths of 47.5 and 45.8 feet below the top of their casings. A few feet of water was present in each well: however, further details of their constructions are unknown. Groundwater elevations have lowered over time and depths to groundwater was reported at approximately 32 to 34 feet bgs in 2002. In 2020, groundwater was measured at 45 feet bgs in October 2020 (EEC, 2020), and approximately 46 to 48 feet during Leighton's current June 2021 investigation.

# 5.0 REGULATORY FRAMEWORK FOR SOIL INVESTIGATIONS

All analytical results for the soil samples collected were compared to the July 2019 SFBRWCQBESLs for a commercial/industrial setting. Additionally, all soil vapor sample results were compared to the July 2019 SFBRWQCB ESLs for sub-slab gas in a commercial/industrial setting. ESLs were utilized solely for comparison as a preliminary overview of the analytical results. No cleanup goals have been established for the site, or for the reuse of excavated soil during future building demolition or grading activities. ESLs may not represent the final clean-up levels for the future development of the site.

**Waste Classification and Management** – In addition to screening soil sample laboratory analytical results against ESLs, the analytical test results were also reviewed to evaluate if concentrations of COPCs are likely to require disposal as a nonhazardous waste, a Resource Conservation and Recovery Act (RCRA) hazardous waste, or as a non-RCRA hazardous waste (aka California hazardous waste). Selected soil samples from the site with concentrations of total lead, chromium or copper that were more than 10 times their respective California Soluble Threshold Limit Concentration (STLC) were analyzed using the California Waste Extraction Test (CA WET). Soil samples that contained metals at concentrations more than 20 times their respective STLC were analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) to evaluate if they required potential management as a RCRA or federal hazardous waste.

# 6.0 INVESTIGATIVE METHODOLOGY

## 6.1. PRE-FIELD ACTIVITIES

The tasks described in the subsections below were performed prior to initiating drilling activities.

### 6.1.1. PRELIMINARY SITE WALK

On June 14th, representatives of Leighton conducted a preliminary site walk with the purpose of surveying and marking the proposed boring and soil vapor probe locations. The proposed locations had been predetermined via satellite imagery and were assigned in locations that met the scope of data gap refinement for the subject property. During the site walk, the proposed locations were ground-verified for drill rig access, and were moved if suspected limited access was an issue. The locations were subsequently marked with white paint and coordinates for the drilling locations were captured utilizing a GPS unit (Trimble Geo 7x). A summary of the boring locations, their coordinates, and additional affiliated information is detailed in Table 1.

### 6.1.2. SITE-SPECIFIC HEALTH AND SAFETY PLAN (HASP)

Prior to conducting the field activities, a site-specific health and safety plan (HASP) was updated to encompass the field activities completed for this investigation, and to address potentially hazardous substances and petroleum products that may be encountered during the field work. The HASP specified the protective clothing and monitoring equipment to be used during the investigation and outlined implementation measures in the event of an emergency.

### 6.1.3. NOTIFY UNDERGROUND SERVICES ALERT (USA)

Each of the nineteen soil boring locations selected for this investigation (Figure 3) were field marked, and Underground Services Alert (USA) of Southern California (a.k.a. DigAlert) was notified on June 14, 2021, and requested to identify and demarcate the location of public utilities that may be entering the site. The location of each soil boring was identified with white paint in the field.

## 6.2. JUNE 2021 SOIL & SOIL VAPOR INVESTIGATION

The following tasks were performed as a part of the field portion of the investigation.

### 6.2.1. GEOPHYSICAL UTILITY CLEARANCE

Prior the initial concrete coring and drilling for the collection of subsurface soil samples, Leighton subcontracted Spectrum Geophysical (Spectrum) to survey the drilling locations for underground utilities in supplement to contacting USA DigAlert. On June 18th, technicians from Spectrum met with Leighton personnel, who directed them to the designated boring locations within the subject property. The boring locations were cleared for subsurface utility lines, and other potential obstructions, with a couple of locations slightly adjusted due to potential conflicts. .

### 6.2.2. SOIL SAMPLING & LOGGING ACTIVITIES

On June 18th, 21st, 22nd, and 23rd, 20 soil borings were advanced by Interphase Environmental, Inc. (Interphase) using a Geoprobe 6600 truck-mounted and a Geoprobe 6620dt track-mounted direct push rig. The track-mounted rig was utilized for the boring locations that had limited access. The locations of the 20 borings, designated LV-1 through LV-20, are provided on Figure 4.

At each boring location, soil samples were obtained at various intervals starting at one (1) foot bgs, to a depth of approximately 10 or 20 feet bgs (boring dependent) using a direct-push drill rig by advancing drilling rods containing acetate sleeves to the desired depth.

Borings LV-1 through LV-10 were sampled at the intervals of 1, 5, 10, 15, and 20 feet bgs and drilled to a final approximate depth of 35.5 feet bgs. Borings LV-11 through LV-19 were sampled at intervals of 1, 2.5, 5, 7.5, and 10 feet bgs, and drilled to an approximate depth of 10 feet bgs. The drilling rods were retracted, and the acetate sleeve containing a continuous cored soil interval was observed by the Leighton field geologist after it was split open. At each desired sampling depth, an approximate 7-inch section of the soil sequence was sampled into a set of five volatile organic analysis (VOA) vials via TerraCore™ samplers in general accordance with EPA Method 5035, for VOC and Carbon-Chain analysis. Additionally, soil samples from the same interval were collected into either a laboratory-supplied glass jar containing a minimum of 8 ounces of soil (compacted to minimize head space) or a six-inch section of acetate sleeve that was cut from the desired sampling interval, and capped with Teflon sheeting and endcaps. Each soil sample container and sleeve was clearly marked with a sample ID, sampling depth, and time and date collected, and then placed in an ice-cooled chest for temporary storage pending transport under proper chain-of-custody protocol to Eurofins

Calscience, LLC (Eurofins), a State of California-Certified analytical laboratory located in Garden Grove, California.

The soil intervals were continuously cored and logged for soil classification purposes, to observe for potential staining or discoloration, and potentially for correlation purposes. The soils encountered were logged for soil type in accordance with the Unified Soil Classification System (USCS). Logs of each boring were recorded and include the name of the drilling company, initials of the geologist, drilling method, auger size, approximate sampling interval, photoionization detector (PID) measurements, odors, color, and discolorations (if present). During boring advancement, a PID calibrated to a standard gas, was used to evaluate the soil cuttings and samples for VOCs. Copies of the boring logs recorded are presented in Appendix C.

### 6.2.3. SOIL VAPOR PROBE CONSTRUCTION

Ten (10) sets of dual- or multi-nested soil vapor probes were installed between June 18th and June 23rd in general accordance with the 2012 Advisory for Active Soil Gas Investigations (DTSC, 2012). Soil vapor probes were installed at locations LV-1 through LV-10. Probes were set at approximate depths of 5, 15, and 35 feet bgs for locations LV-3, LV-4, and LV-7 through LV 10, and at approximate depths of 20 and 35 feet bgs for locations LV-1, LV-2, LV-5, and LV-6. Depths were slightly adjusted by the field geologist in consideration of existing soil composition, with emplacement focused on permeable soil (e.g., coarse-grained soils). Specific soil vapor probe depths for each drilling location are indicated on the logs in Appendix C.

The dual- or multi-nested soil vapor probes consisted of porous soil vapor implants connected to inert ¼-inch diameter Nylaflow tubing. The deep probe was suspended in the borehole at the appropriate depth, and 1.0 foot of silica sand was poured around the probe. Approximately six (6) inches of dry bentonite granules was placed above the filter pack, followed by a hydrated bentonite seal until the next probe depth. Six inches dry bentonite chips were added to the top of the hydrated bentonite grout, which aided the installation of the shallow soil vapor probe using the same construction as the deep probe. From the top of the dry bentonite above the shallow soil vapor probe, hydrated bentonite was added to the borehole via tremie pipe to approximately 0.5 feet bgs. Traffic-rated well boxes were then installed to complete the dual-nested soil vapor probe. The probes were allowed to equilibrate for a minimum of 24 hours before soil vapor samples were collected. Depths and construction for each dual-nested soil vapor probe are detailed in the boring logs located in Appendix C.

### 6.2.4. SOIL VAPOR SAMPLING ACTIVITIES

A total of 28 soil vapor samples were collected on June 28 and 29, 2021 by H & P Geochemistry, Inc. field personnel in general accordance with the DTSC Guidance.

Prior to purging and sampling, a shut-in test was conducted along the sampling train setup at each probe sampling depth and location. A tracer gas mixture of n-pentane, n-hexane, and n-heptane was applied to the dual-nested soil vapor probes at each point of connection in which ambient air could enter the sampling system. These connection points include the top of the probe where the tubing meets the probe connection, and the surface cement seals. If a leak was detected, the sampling train will be reset and adjusted until no leaks are detected. An electric vacuum pump set to draw 0.200 liters/min of soil vapor at a maximum vacuum of 100 inches of water was attached to purge each probe prior to sample collection. A standard of three purge volumes was used to remove stagnant air from the sampling system so that representative soil vapor samples could be collected. After purging was completed, soil vapor samples were obtained using a dedicated, pre-cleaned glass, gas-tight syringe with Teflon® plungers, by drawing the sample through the Luer lock connection that connects the sampling probe tubing to the syringe. Soil vapor samples were then collected into the syringe and immediately injected into the onsite mobile laboratory gas chromatograph purge and trap system.

## 6.3. LABORATORY ANALYSES

Ninety-two (92) soil samples were analyzed by the analytical laboratory by for a specified combination of US EPA Methods including US EPA Method 6010B for Title 22 Metals, 7471A for Mercury, 8082 for PCBs, 8015B for TPH-DRO and TPH-ORO, and by 5035/8260B for TPH-GRO and VOCs. Twenty five (25) soil vapor samples were analyzed for VOCs and TPH-GRO by US EPA Method 8260SV. The laboratory analytical reports accompanied by their chain-of-custody documentation are presented in Appendix D.

# 7.0 LEIGHTON INVESTIGATIVE RESULTS

## 7.1. FIELD OBSERVATIONS

Soil sampling activities were performed by Leighton personnel at the site on June 18th, and from June 21st through June 23rd. Logs of boring were prepared for each soil boring and include soil descriptions, PID measurements for VOCs, and observations of any potential soil discoloration and/or unusual odors. The logs for borings LV-1 through LV-19 are presented in Appendix C.

Generally, the soils encountered in the subsurface of the subject property consisted primarily of light brown, brown, or dark brown poorly-graded sand and clay with varied gravel content, sandy clay, silt, silty sand, and clayey sand ranging between two (2) inches and 4.5 feet in thickness.

Soils with a degraded petroleum hydrocarbon-like odor were observed emanating from soil intervals in some of the soil borings at near surface depths (0 to 5 feet bgs), which include soil borings LV-3, LV-8, LV-14A, LV-14B, and LV-17. PID measurements for VOCs were collected at each soil boring at depths between five feet bgs to the total drilled depth. Measured PID readings during drilling below ground surface (bgs) ranged between 0.0 parts per million (ppm) to 650.5 ppm. PID readings are detailed out in the boring logs in Appendix C.

## 7.2. ANALYTICAL TEST RESULTS – LEIGHTON SOIL SAMPLES

A total of 92 soil samples were collected and analyzed by Leighton as a part of this limited site investigation. Laboratory reports and chain-of-custody documentation for the soil samples are presented in Appendix D. All of the soil samples were analyzed by the methods listed on the chain-of-custody form that accompanied the samples. Every soil sample was analyzed by for TPH as gasoline range organics (GRO) by US EPA Methods 8015B, VOCs by US EPA Method 8260B, metals by USEPA Methods 6010B and 7471A, and for PCBs by USEPA Method 8082. However, soil samples at the intervals of 2.5 and 7.5 feet bgs in borings LV-11 through LV-19, and the soil sample retrieved at LV-14B and LV-20, were not analyzed for VOCs (US EPA Method 8260B).

The section below summarizes and discusses the laboratory analytical testing results for the soil samples collected at the site.

### 7.2.1. TITLE 22 METALS IN SOIL

Table 2 provides a summary of Title 22 Metal concentrations detected in soil samples, and Plate 1 shows the distribution of select metal concentrations

detected in samples from each soil boring location, along with historical metal concentration data from previous investigations.

- Antimony was detected in 3 soil samples at concentrations ranging from 2.98 mg/kg in soil sample LV-19-1 to 13.6 mg/kg in soil sample LV-15-1.
- Arsenic was detected in 23 soil samples at concentrations ranging from 2.4 mg/kg in soil sample LV-6-1 to 40.2 mg/kg in soil sample LV-7-5.
- Barium was detected in 86 soil samples at concentrations ranging from 11.7 mg/kg in soil sample LV-6-10 to 434 mg/kg in soil sample LV-10-1.
- Beryllium was detected in 55 soil samples at concentrations ranging from 0.25 mg/kg in soil sample LV-5-10 to 0.796 mg/kg in soil sample LV-19-10.
- Cadmium was detected in 55 soil samples at concentrations ranging from 0.479 mg/kg in soil sample LV-11-7.5 to 3.22 mg/kg in soil sample LV-101.
- Chromium was detected in 86 soil samples at concentrations ranging from 1.84 mg/kg in soil sample LV-11-7.5 to 207 mg/kg in soil sample LV-10-1.
- Cobalt was detected in 84 soil samples at concentrations ranging from 0.991 mg/kg in soil sample LV-6-1 to 22 mg/kg in soil sample LV-3-1.
- Copper was detected in 85 soil samples at concentrations ranging from 1.13 mg/kg in soil sample LV-6-1 to 1250 mg/kg in soil sample LV-7-5.
- Lead was detected in 27 soil samples at concentrations ranging from 5.23 mg/kg in soil sample LV-1-15 to 2680 mg/kg in soil sample LV-10-1.
- Molybdenum was detected in 7 soil samples at concentrations ranging from 0.543 mg/kg in soil sample LV-17-1 to 22.7 mg/kg in soil sample LV-10-1.
- Nickel was detected in 86 soil samples at concentrations ranging from 0.491 mg/kg in soil sample LV-6-5 to 106 mg/kg in soil sample LV-3-1.
- Silver was detected in one (1) soil sample at a concentration of 1.74 mg/kg in soil sample LV-10-1.
- Vanadium was detected in 86 soil samples at concentrations ranging from 2.42 mg/kg in soil sample LV-6-5 to 75.3 mg/kg in soil sample LV-19-10.
- Zinc was detected in 79 soil samples at concentrations ranging from 12 mg/kg in soil sample LV-2-5 to 1770 mg/kg in soil sample LV-7-5.

- Mercury was detected in 24 soil samples at concentrations ranging from 0.0833 mg/kg in soil sample LV-14A-2.5 to 1.22 mg/kg in soil sample LV-10-1.

### 7.2.2. TITLE 22 METALS – STLC, TCLP, AND CHROMIUM VI RESULTS

After review of the results for metals in the soil samples collected during the June 2021 investigation, some soil samples required additional waste characterization analyses.

As noted in Section 5.0, selected soil samples from the site with concentrations of total lead, chromium or copper that were more than 10 times their respective California STLC were analyzed using the CA WET to evaluate if they potentially require management as a Non-RCRA hazardous waste (aka, California hazardous waste). Soil samples that contained metals at concentrations more than 20 times their respective STLC were analyzed using the TCLP to evaluate if they require potential management as a RCRA or federal hazardous waste.

If the metal concentration of a soil sample initially exceeded its California Total Threshold Limit Concentration (TTLC), it will be managed as a Non-RCRA hazardous waste and potentially as a RCRA hazardous waste based on the results of the TCLP.

Any soil samples that exhibited total chromium concentrations exceeding 50 mg/kg (i.e., 10 times the 5.0 mg/l STLC established for chromium), the soil samples were also analyzed for hexavalent chromium (Cr VI). Table 2 provides a summary of the STLC, TTLC, and Cr VI results of the select soil samples. A summary discussion of metal results requiring additional lab work is detailed below.

<u>Chromium:</u>

- CA WET analysis for chromium was required for soil samples LV-3-1, LV-3-5, LV-3-10, LV-7-1, LV-7-10, LV-9-10, LV-10-1, LV-15-1, and LV-19-10. None of the soil samples exhibited soluble chromium detections, which therefore did not exceed the STLC of 5 mg/L for chromium.
- TCLP analysis for chromium was required for soil sample LV-7-10. No detected chromium was reported by the TCLP analysis.
- Cr VI analyses were required for soil samples LV-3-1, LV-3-5, LV-3-10, LV-7-1, LV-7-10, LV-9-10, LV-10-1, LV-15-1, and LV-19-10. Cr VI was

detected in six (6) soil samples with concentrations ranging from 480 µg/kg in soil sample LV-7-10 to 73,000 µg/kg in soil sample LV-10-1.

Copper:

- CA WET analyses for copper were required for soil samples LV-7-5 and LV-9-5. None of the soil samples exhibited detections above the STLC of 25 mg/L established for copper.

Lead:

- WET analyses for lead were required for soil LV-7-5, LV-9-5, LV-12-1, LV-18-1, LV-19-1, and LV-20-0.5. None of the soil samples exhibited soluble lead detections, which therefore did not exceed the STLC of 5 mg/L for lead.
- TCLP analyses for lead were required for soil LV-7-5, LV-10-1, LV-12-1, LV-15-1, LV-18-1, LV-19-1, and LV-20-0.5. None of the soil samples were reported to contain detected lead by the TCLP analysis, which therefore did not exceed the TCLP of 5 mg/L for lead.

### 7.2.3. POLYCHLORINATED BIPHENYLS (PCBS) IN SOIL

Table 3 provides a summary of PCB concentrations detected in soil samples, and Plate 2 shows the distribution of select PCB concentrations detected in samples from each soil boring location, along with historical PCB concentration data from previous investigations.

- Aroclor-1248 was detected in 4 soil samples at concentrations ranging from 69 µg/kg in soil sample LV-4-1 to 13,000 µg/kg in soil sample LV-8-1.
- Aroclor-1254 was detected in 7 soil samples at concentrations ranging from 110 µg/kg in soil sample LV-19-1 to 15,000 µg/kg in soil sample LV-8-1.
- Aroclor-1260 was detected in 6 soil samples at concentrations ranging from 73 µg/kg in soil sample LV-7-1 to 4,000 µg/kg in soil sample LV-8-1.
- Aroclor-1262 was detected in one (1) soil sample, LV-17-2.5, at a concentration of 580 µg/kg.
- Aroclor-1268 was detected in one (1) soil sample, LV-17-2.5, at a concentration of 260 µg/kg.

### 7.2.4. VOCS IN SOIL

Table 4 provides a summary of VOC concentrations detected in soil samples. Due to the lack of consistent VOC concentrations exceeding their respective SFRWCQB ESLs for the June 2021 soil samples, Plate 3 only shows the distribution of select concentrations detected in samples from historical VOC concentration data from previous investigations. In regards to the current soil samples:

- PCE was detected in 16 soil samples at concentrations ranging from 0.99 µg/kg in soil sample LV-18-10-DUP to 59 µg/kg in soil sample LV-8-1.
- TCE was detected in 5 soil samples at concentrations ranging from 1.70 µg/kg in soil sample LV-13-1 to 160 µg/kg in soil sample LV-8-1.
- cis-1,2-DCE was detected in one (1) soil sample, LV-3-1, at a concentration of 2.50 µg/kg.
- Benzene was detected in 28 soil samples at concentrations ranging from 1.00 µg/kg in soil sample LV-4-5 to 7.30 µg/kg in soil sample LV-11-5.
- Toluene was detected in 28 soil samples at concentrations ranging from 0.86 µg/kg in soil sample LV-1-1 to 2,200 µg/kg in soil sample LV-8-1.
- Ethylbenzene was detected in fine (5) soil samples at concentrations ranging from 0.91 µg/kg in soil sample LV-12-5 to 1000 µg/kg in soil sample LV-8-1.
- Total Xylenes were detected in five (5) soil samples at concentrations ranging from 2.0 µg/kg in soil sample LV-3-10-DUP to 2,400 µg/kg in soil sample LV-8-1.
- 1,2,4-Trimethylbenzene (1,2,4-TMB) was detected in four (4) soil samples at concentrations ranging from 3.50 µg/kg in soil sample LV-7-1 to 6,900 µg/kg in soil sample LV-17-5.
- 1,3,5-Trimethylbenzene (1,3,5-TMB) was detected in two (2) soil samples, LV-14A-1, and LV-17-5, at concentrations of 4.0 µg/kg in soil sample LV-14A-1 and 2,700 µg/kg in soil sample LV-17-5.
- 1,1-Dichloroethane (1,1-DCA) was detected in three (3) soil samples at concentrations ranging from 0.90 µg/kg in soil sample LV-3-1 and 120 µg/kg in soil sample LV-8-1.

- Acetone was detected in 36 soil samples at concentrations ranging from 15.0 µg/kg in soil sample LV-18-10-DUP and 290 µg/kg in soil sample LV-19-1.
- 2-Butanone was detected in three (3) soil samples at concentrations ranging from 22.0 µg/kg in soil sample LV-14A-1 and 26.0 µg/kg in soil sample LV-19-1.
- Isopropylbenzene was detected in one (1) soil sample, LV-8-1, at a concentration of 100 µg/kg.
- Methyl tert-butyl ether (MTBE) was detected in one (1) soil sample, LV-14A-5, at a concentration of 1.70 µg/kg.
- 1,4-Dichlorobenzene was detected in one (1) soil sample, LV-8-1, at a concentration 45 µg/kg.
- n-Butylbenzene was detected in two (2) soil samples, LV-8-1 and 17-5, at concentration of 300 µg/kg and 1000 µg/kg, respectively.
- n-Propylbenzene was detected in two (2) soil samples, LV-8-1 and 17-5, at concentration of 140 µg/kg and 390 µg/kg, respectively.
- p-Isopropyltoluene was detected in two (2) soil samples, LV-8-1 and 17-5, at concentration of 100 µg/kg and 780 µg/kg, respectively.
- sec-Butylbenzene was detected in two (2) soil samples, LV-8-1 and 17-5, at concentration of 90 µg/kg and 410 µg/kg, respectively.
- Styrene was detected in one (1) soil samples, LV-8-1, at a concentration of 150 µg/kg.
- Trichlorofluoromethane was detected in one (1) soil samples, LV-8-1, at a concentration of 550 µg/kg.

### 7.2.5. TPH IN SOIL

Table 4 also provides a summary of TPH concentrations detected in soil samples.

- TPH-GRO (carbon chain C4-C12) were detected in seven (7) soil samples at concentrations ranging from 0.16 µg/kg in soil sample LV-14A-1 to 270 µg/kg in soil sample LV-17-5.
- TPH-Diesel Range Organics (TPH-DRO; C13-C22) were detected in 40 soil samples at concentrations ranging from 5.10 µg/kg in soil sample LV-

12-1 to 3,900 µg/kg in soil sample LV-7-1. TPH-Oil Range Organics (TPH-ORO; C23-C40) were detected in 61 soil samples at concentrations ranging from 5.00 µg/kg in soil sample LV-8-10 to13,000 µg/kg in soil sample LV-7-1.

## 7.3. ANALYTICAL TEST RESULTS – LEIGHTON SOIL VAPOR SAMPLES

A total of 28 soil vapor samples were collected and analyzed by H&P Geochemistry as a part of this limited site investigation. Laboratory report and chain-of-custody documentation for the soil vapor samples are presented in Appendix D. All of the soil vapor samples were analyzed by the US EPA Method 8260SV, which is listed on the chain-of-custody form that accompanied the samples. The concentrations of VOCs detected in soil vapor samples collected from multiple depths are summarized in Table 5. Plates 4 and 5 illustrate the distribution of select VOCs of concern detected in the soil vapor samples collected at multiple depths from historical investigations and from current soil vapor samples collected from the probes during this investigation, respectively.

The following summarizes the soil vapor sample depths (the depth of collection is the last number in the soil vapor sample ID number) and concentration ranges for each VOC detected in the soil vapor samples:

- PCE was detected in 24 of 28 soil vapor samples at concentrations ranging from 32 µg/$m^3$ in soil vapor sample LV-1-35 to 6,800 µg/$m^3$ in soil vapor sample LV-9-15.
- TCE was detected in all 28 soil vapor samples at concentrations ranging from 31 µg/$m^3$ in soil vapor sample LV-4-35-DUP to 10,000 µg/$m^3$ in soil vapor sample LV-4-14.
- cis-1,2-DCE was detected in 18 soil vapor samples at concentrations ranging from 200 µg/$m^3$ in soil vapor sample LV-6-20 to 16,000 µg/$m^3$ in soil vapor sample LV-4-35.
- 1,1-DCA was detected in 23 soil vapor samples at concentrations ranging from 40 µg/$m^3$ in soil vapor sample LV-2-20 to 6,500 µg/$m^3$ in soil vapor sample LV-7-15 REP.
- Benzene was detected in nine (9) soil vapor samples at concentrations ranging from 11 µg/$m^3$ in soil vapor sample LV-9-6 to 82 µg/$m^3$ in soil vapor sample LV-8-5.
- Ethylbenzene was detected in one (1) soil vapor sample, LV-5-34 at a concentration of 44 µg/$m^3$.

- Vinyl Chloride was detected in 12 soil vapor samples at concentrations ranging from 14 µg/m$^3$ in soil vapor sample LV-4-5 to 6,100 µg/m$^3$ in soil vapor sample LV-3-35.
- Freon 12 was detected in three (3) soil vapor samples at concentrations ranging from 44 µg/m$^3$ in soil vapor sample LV-3-10 to 61 µg/m$^3$ in soil vapor sample LV-3-15.
- Freon 113 was detected in 16 soil vapor samples at concentrations ranging from 68 µg/m$^3$ in soil vapor sample LV-2-35 to 260 µg/m$^3$ in soil vapor sample LV-7-7.
- trans-1,2-DCE was detected in nine (9) soil vapor samples at concentrations ranging from 60 µg/m$^3$ in soil vapor sample LV-8-35 to 190 µg/m$^3$ in soil vapor sample LV-3-35.
- 1,1-DCE was detected in 10 soil vapor samples at concentrations ranging from 68 µg/m$^3$ in soil vapor sample LV-9-35 to 500 µg/m$^3$ in soil vapor sample LV-8-15.
- 1,1,1-TCA was detected in three (3) soil vapor samples at concentrations ranging from 41 µg/m$^3$ in soil vapor sample LV-9-35 to 77 µg/m$^3$ in soil vapor sample LV-8-15.
- 1,2,4-TMB was detected in five (5) soil vapor samples at concentrations ranging from 42 µg/m$^3$ in soil vapor sample LV-5-34 to 73 µg/m$^3$ in soil vapor sample LV-7-35.
- 1,2-DCP was detected in four (4) soil vapor samples at concentrations ranging from 53 µg/m$^3$ in soil vapor sample LV-6-35 to 240 µg/m$^3$ in soil vapor sample LV-3-15.
- p-Isopropyltoluene was detected in one (1) soil vapor sample, LV-5-34, at a concentration of 41 µg/m$^3$.
- MTBE was detected in nine (9) soil vapor samples at concentrations ranging from 58 µg/m$^3$ in soil vapor sample LV-9-35 to 260 µg/m$^3$ in soil vapor sample LV-7-35.
- Chloroethane was detected in one (1) soil vapor sample, LV-5-34, at a concentration of 41 µg/m$^3$.
- 1,2-DCA was detected in two (2) soil vapor samples, LV-8-15 and LV-8-35, at a concentration of 160 µg/m$^3$ and 77 µg/m$^3$, respectively.

- 1,1,1-TCE was detected in three (3) soil vapor samples at concentrations ranging from 41 µg/$m^3$ in soil vapor sample LV-9-6 REP to 77 µg/$m^3$ in soil vapor sample LV-9-15.

To summarize, VOCs in soil vapor are widely distributed over the subject property and the soil vapor data does not indicate a likely source area for VOCs at the site. The primary COPCs in soil vapor are chlorinated compounds, specifically PCE, TCE, cis-1,2-DCE and 1,1-DCA. Natural degradation of PCE and TCE may account for the presence of cis-1,2-DCE in the subsurface, as this break-down product is typically not encountered in the same borings at the same sample depths as PCE and TCE.

# 8.0 EXTENT OF COPCS

The following sections describe the extent of COPCs encountered at concentrations exceeding non-RCRA or RCRA hazardous waste criteria, and the SFRWQCB ESLs. Results from the 2020 EFI and EEC soil investigations, including VOCs in soil vapor from investigations dating as far back as 1991, as well as the current investigation, are discussed in this section.

Appendix B provides a summary of historical analytical test data in table format from the following soil and soil vapor investigations conducted by other firms:

- Table C1 summarizes CAM-17 metals soil data from the 2020 EFI and EEC site investigations.
- Table C2 summarizes PCB soil data from the 2020 EFI and EEC investigations
- Table C3 summarizes VOC and TPH soil data from the 2020 EEC site investigation.
- In addition, VOCs detected in soil vapor samples collected by multiple consultants from 1991 through 2020 are summarized in Table C4.

## 8.1. METALS IN SOIL

### 8.1.1. LEAD

Lead was reported in the majority of soil samples collected in the upper 1 to 2 feet bgs in the eastern portion of the property in excess of its ESL (Plate 1). The only sample deeper than 2 feet bgs that exceeded the ESL was a 3 feet sample from B6. All soil samples exceeding the lead ESL were bound by deeper samples, typically at 3 to 5 feet bgs, that had concentrations of lead below the ESL. Borings EFI1 through EFI5 were the exception and not sampled below 2 feet bgs.

For the samples that exceeded the ESL for lead, a total of 26 samples were subject to the CA WET, with 13 of those samples reported with soluble lead concentrations in excess of the 5 mg/L, exceeding the threshold for non-RCRA hazardous waste. An additional 12 samples had total lead concentrations in excess of 1,000 mg/kg and also require management as Non-RCRA hazardous waste. Thirty-one samples were subject to the TCLP extraction process; five samples of which exceeded the 5 mg/l threshold indicating they will require management as RCRA hazardous waste.

The upper two feet of the eastern third of the site has lead-impacted soil above its ESL, with the possibility that it may also require the soil to be

managed as a non-RCRA hazardous waste or RCRA hazardous waste. The preparation of a soil contingency and management plan will address the proper profiling and waste characteristic of soil onsite as well as soil suitable for reuse onsite.

Lead was not detected in excess of its ESL in the western two-thirds of the site.

### 8.1.2. ARSENIC

Arsenic concentrations in soil were compared to the 12 mg/kg default background concentration of arsenic in Southern California soils established by the DTSC. Only eight of 122 samples were reported with concentrations of arsenic above this concentration, with the maximum being 40 mg/kg in the 5 foot sample from LV-7.

### 8.1.3. CHROMIUM

Chromium was not detected in any sample at concentrations exceeding its ESL. One sample, SB-19 at 2 feet bgs contained total chromium in excess of 2,500 mg/kg, the threshold for classification as a non-RCRA hazardous waste. This sample location also contained lead in excess of the non-RCRA hazardous waste threshold.

Of the 86 samples collected as part of the Leighton 2021 limited site investigation, nine were reported with total chromium concentrations above 50 mg/kg, triggering extraction and analyses by the CA WET method, as well as analyses for the presence of hexavalent chromium. None of the extracts were reported with concentrations exceeding the threshold for classification as a Non-RCRA hazardous waste. Two samples, LV-10 and LV-15, both at 1 foot bgs, each had hexavalent chromium concentrations exceeding the ESL. Both of these sample locations also contained lead at concentrations exceeding the Non-RCRA hazardous waste threshold.

While hexavalent chromium was reported in two samples in excess of its ESL, those sample locations also were reported with lead in excess of the threshold for characterization as a non-RCRA hazardous waste. No other samples collected by Leighton exceeded the RSL or the non-RCRA or RCRA hazardous waste threshold for chromium or hexavalent chromium.

### 8.1.4. OTHER METALS

Antimony was detected in only one sample in excess of its ESL: SB-23 at 2 feet bgs.

Copper was not detected in any samples above its ESL, but two samples were reported with copper at concentrations triggering further analysis to evaluate if the sample was a Non-RCRA hazardous waste. The extract from the two samples were reported at non-detect, resulting in non-hazardous classification for this compound.

## 8.2. PCBS IN SOIL

PCBs were reported in soil samples in excess of the ESL for samples collected in the upper 1 to 4 feet bgs, on the eastern third of the Site (Plate 2). With the exception of borings SB-14 and LB-9, all soil samples with detections of PCBs in excess of their respective commercial ESLs also were reported co-located with metal concentrations in excess of their respective commercial ESLs. With the exception of B5 at 4 feet bgs, all detections of PCBs above the ESL were bound by samples collected at a lower depth with reported concentrations below the

PCB ESLs. There were no detections of PCBs deeper than 5 feet bgs, nor were there detections in the western two-thirds of the Site.

## 8.3. VOCS IN SOIL

No VOCs were detected in soil samples, collected by either EEC in 2020 or Leighton in 2021, that exceed SFRWQCB RSLs or non-RCRA or RCRA hazardous waste classification criteria (Plate 3). With the exception of soil sample SB-21 at 5 feet bgs which contained PCE at 4,100 ug/kg exceeding its 2,700 ug/kg commercial ESL, there are no soil sampling data to date that would indicate a source area for VOCs detected in the soil vapor. Soil samples from SB-21 collected and analyzed from a depth of 2 feet bgs (<5.0 ug/kg) and 10 feet bgs (0.30 ug/kg J) did not contain PCE at concentrations exceeding the 2,700 ug/kg commercial ESL. Considering that since 2020, a total of 176 soil samples were analyzed for VOCs, the PCE commercial ESL exceedance in soil sample SB-21 at 5 feet bgs should be considered an outlier.

## 8.4. TPH IN SOIL

TPH samples were speciated into three ranges based on carbon chain length. TPH-GRO was represented by carbon chains C4/C6 through C12, TPH-DRO by carbon chains C13 through C22, and TPH-ORO by carbon chains C23 through C40/44. The variability in the lower bound for GRO and upper bound for ORO is due to differences in the laboratories analyzing the data.

One sample, SB-23 at 2 feet bgs (Plate 3), was reported with a TPH-GRO concentration of 2,600 mg/kg exceeding its 2,000 mg/kg commercial ESL. The soil sample (i.e., SB-23 at 2 feet bgs) was also reported with a TPH-DRO concentration of 8,500 mg/kg which is in excess of the 1,200 mg/kg commercial ESL established for TPH-DRO.

A total of seven samples were reported with concentrations of TPH-DRO in excess of the SFRWQCB ESL of 1,200 mg/kg. In general, these samples are located in the upper 1 to 2.5 feet, and are bound by deeper samples with concentrations below the ESL. The one exception is SB-21, which was reported with 1,500 mg/kg at 5 feet bgs, which slightly exceeds the TPH-DRO ESL of 1,200 mg/kg.

The distribution and the infrequency of soil samples exceeding the ESLs for TPH indicate that TPH impacts are very limited in extent.

## 8.5. VOCS IN SOIL VAPOR

VOCs in soil vapor have been investigated in multiple phases, in 1995, 1997, 2020, and 2021. As noted above, VOCs detected in soil vapor samples collected by multiple consultants from 1991 through 2020 are summarized in Table C4 in Appendix B. Plates 4 and 5 summarize the VOCs detected is soil vapor by EEC in October 2020 and Leighton in June 2021, respectively. In general, detected soil vapor concentrations appear to have decreased over time in each investigation. As an example, the maximum detected PCE concentration in the 1995 investigation was 241,000 µg/$m^3$, in 2020 it was 100,000 µg/$m^3$, and in 2021 it was 6,800 µg/$m^3$. This declining trend in maximum soil vapor sample concentrations suggests that whatever historically was the source of the chlorinated VOCs in soil vapor may no longer be an active source, and/or residual concentrations are naturally attenuating.

# 9.0 CONCLUSIONS AND RECOMMENDATIONS

The shallow Site soil has been adequately characterized. Some metals, TPH, and PCBs were detected in excess of their respective ESLs, but generally are limited to the upper 1 to 5 feet, and are limited to the eastern third of the Site. Specific COPC concerns include:

- Lead is the COPC with the largest number of soil samples reported above its ESL. The majority of these soil samples were in the upper 1 to 2 feet of the subsurface, and in the eastern third of the Site. The only sample deeper than 2 feet bgs that exceeded the ESL was a single sample at 3 feet bgs. All soil samples exceeding the lead ESL were bound by deeper samples, typically at 3 to 5 feet bgs, with the exception of samples EFI1 through EFI5, which were not sampled below 2 feet bgs.
- Soluble lead in excess of the threshold for management as a Non-RCRA hazardous waste was detected at concentrations above the STLC in 13 of 25 soil samples when analyzed by the CA WET method. An additional twelve soil samples had total lead concentrations in excess of 1,000 mg/kg, which indicates they likely exceed the Non-RCRA hazardous waste threshold. Five soil samples exceeded the lead threshold for management as a RCRA hazardous waste utilizing the TCLP.
- Arsenic was only reported in eight soil samples in excess of the DTSC-approved default background concentration of 12 mg/kg.
- Total chromium was not detected in any soil sample at concentrations exceeding its ESL. One soil sample, SB-19 at 2 feet bgs, contained total chromium in excess of 2,500 mg/kg, the threshold for management as a Non-RCRA hazardous waste.
- No soil samples was reported with leachable total chromium exceeding the threshold for management as a Non-RCRA hazardous waste.
- Two soil samples, LV-10 and LV-15 at 1 foot bgs each, had hexavalent chromium concentrations exceeding its ESL.
- Antimony was detected in only one soil sample in excess of its ESL.
- PCBs were reported in soil samples in excess of the ESL for samples collected in the upper 1 to 4 feet bgs on the eastern third of the Site. With the exception of B5 at 4 feet bgs, all detections of PCBs above their ESLs were bound by soil samples collected deeper with reported concentrations below their ESLs.
- With the exception of EEC soil sample SB-21 (collected from a depth of 5 feet bgs) which contained PCE at 4,100 ug/kg exceeding its 2,700 ug/kg commercial ESL, there are no soil sampling data to date that would indicate a source area for VOCs

detected in the soil vapor samples. Soil samples from SB-21 collected and analyzed from a depth of 2 feet bgs (<5.0 ug/kg) and 10 feet bgs (0.30 ug/kg J) did not contain PCE at concentrations exceeding the 2,700 ug/kg commercial ESL. Considering that since 2020, a total of 176 soil samples were analyzed for VOCs, the PCE commercial ESL exceedance in soil sample SB-21 at 5 feet bgs should be considered an outlier.

- One soil sample was reported with TPH-GRO concentrations exceeding its ESL. It was also reported with TPH-DRO concentrations in excess of its ESL.
- A total of seven soil samples were reported with concentrations of TPH-DRO in excess of its ESL. These soil samples are located in the upper 1 to 2.5 feet, and are bound by deeper soil samples with concentrations below the ESL, with the exception at SB-21 at 5 feet bgs.
- The distribution and the infrequency of soil samples exceeding the ESLs indicate that TPH impacts are very limited in extent.
- VOCs have been detected in soil vapor samples collected at multiple depths over the entire site during the current and prior soil vapor investigations.
- Maximum concentrations of chlorinated VOCs in soil vapor have generally declined over time based on a comparison of data from sampling events conducted in 1995, 2020, 2021.
- Concentrations of chlorinated VOCs in soil vapor appear to be in relatively steady state with groundwater concentrations based on comparison with the 2020 hydropunch groundwater data collected previously by EEC.

Based on the above conclusions, Leighton recommends the following actions:

- Assist client with execution of voluntary oversight agreement between themselves and the LARWQCB.
- Preparation of a Soil Management and Contingency Plan (SMCP) to detail the handling, stockpiling, sampling and reuse or disposal of soil with concentrations of COPCs in excess of their respective SFRWQCB ESLs or site-specific soil cleanup levels that may be established as part of a Human Health Risk Assessment (HHRA) and integrated into the SCMP with LARWQCB concurrence.
- Design and installation of a sub-slab vapor barrier to protect future workers from potential vapor intrusion by VOCs in the soil vapor which are likely to exist post demolition, and after site grading for the new construction.

- Preparation of a Remedial Action Closure Report detailing the removal actions, sampling and disposal actions conducted during site redevelopment, as well as details of the design of the sub-slab vapor mitigation system, and details on any unknown environmental liabilities detected and remediated.
- Request from the LARWQCB for issuance of a ‘No Further Action” letter once the remedial activities have been completed in concurrence with the approved SCMP.

## 10.0 LIMITATIONS/DISCLOSURE

Services were performed in accordance with Leighton Consulting, Inc.'s agreement and understanding with Rosemead Holding, LLC and solely for their use and their designated representatives. Opinions and/or recommendations are intended for use by Rosemead Holding, LLC and the purpose, site, location, time frame, and project parameters indicated. Leighton Consulting, Inc. is not responsible for subsequent separation, detachment, or partial use of this document. Any reliance on this report by a third party shall be at such party's sole risk.

## REFERENCES

California Code of Regulations, Title 22, Division 1, Chapter 15, Article 5.5, §64444, Maximum Contaminant Levels – Organic Chemicals.

California Code of Regulations, Title 22, Article 11

California Environmental Protection Agency Department of Toxic Substances Control (DTSC), Los Angeles Regional Water Quality Control Board, and San Francisco Regional Water Quality Control Board, Advisory: Active Soil Gas Investigations. April.

CAL/EPA, Los Angeles Regional Water Quality Control Board, 1998, SAN GABRIEL VALLEY CLEANUP PROGRAM, NO FURTHER REQUIREMENTS, FORMER PACIFIC COAST DRUM CO., 2200 ROSEMEAD BLVD., SOUTH EL MONTE, CA (FILE NO. 107.0266), March 17.

EEC Environmental, 2020, Technical Memorandum, Results of Phase II Subsurface Investigation in August and September 2020, October 19.

Dibblee, Thomas Jr., 1999. Geologic Map of the El Monte and Baldwin Park Quadrangles, Los Angeles, California.

EFI Global. 2020. Additional Site Characterization Report. December 9.

United States Environmental Protection Agency, Office of Solid Waste and Emergency Response, 2015, OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air, June.

# TABLES

**Table 1.** Shallow Soil Boring and Soil Vapor Probe Summary
Rosemead Holding LLC
2200 N Rosemead Boulevard
South El Monte, CA

| Boring ID | Boring Type | Probe Shallow (ft bgs) | Probe Medium (ft bgs) | Probe Deep (ft bgs) | Longitude | Latitude | Approx. Surface Elevation (ft AMSL) |
|---|---|---|---|---|---|---|---|
| LV-1 | SVP | N/A | 20 | 35 | -118.0638939 | 34.05423885 | 234.43 |
| LV-2 | SVP | N/A | 20 | 35 | -118.0635461 | 34.05418618 | 234.70 |
| LV-3 | SVP | 10 | 15 | 35 | -118.0632264 | 34.05406381 | 235.39 |
| LV-4 | SVP | 5 | 14 | 35 | -118.0625571 | 34.05422955 | 235.96 |
| LV-5 | SVP | N/A | 20 | 34 | -118.0639313 | 34.05389807 | 234.75 |
| LV-6 | SVP | N/A | 20 | 35 | -118.0635555 | 34.05391046 | 235.09 |
| LV-7 | SVP | 7 | 15 | 35 | -118.0629142 | 34.05384385 | 236.40 |
| LV-8 | SVP | 5 | 15 | 35 | -118.0625492 | 34.05387081 | 236.42 |
| LV-9 | SVP | 6 | 15 | 35 | -118.0628996 | 34.05360506 | 236.18 |
| LV-10 | SVP | 6 | 15 | 35 | -118.0625473 | 34.05361899 | 236.50 |
| LV-11 | SOIL | N/A | N/A | N/A | -118.062486 | 34.05449598 | 236.21 |
| LV-12 | SOIL | N/A | N/A | N/A | -118.0622523 | 34.05436277 | 236.94 |
| LV-13 | SOIL | N/A | N/A | N/A | -118.06264 | 34.05429306 | 235.66 |
| LV-14A | SOIL | N/A | N/A | N/A | -118.0628032 | 34.05406947 | 235.81 |
| LV-14B | SOIL | N/A | N/A | N/A | -118.0628025 | 34.0540576 | 235.81 |
| LV-15 | SOIL | N/A | N/A | N/A | -118.0622224 | 34.05405606 | 236.53 |
| LV-16 | SOIL | N/A | N/A | N/A | -118.0622108 | 34.05376662 | 235.08 |
| LV-17 | SOIL | N/A | N/A | N/A | -118.062443 | 34.05368291 | 236.66 |
| LV-18 | SOIL | N/A | N/A | N/A | -118.06275 | 34.05335735 | 236.20 |
| LV-19 | SOIL | N/A | N/A | N/A | -118.0622635 | 34.05347519 | 236.56 |
| LV-20 | SOIL | N/A | N/A | N/A | -118.0624286 | 34.05347517 | 236.56 |

Notes:
SVP - Dual- and Multi-Nested Soil Vapor Probes
SOIL - Shallow Soil Boring
N/A - No soil vapor probes installed
ft bgs - feet below ground surface
AMSL - above mean sea level
* Surface elevation extracted from Digital Elevation Model (DEM) in meters, unit conversion to feet

**TABLE 2.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - METALS
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | STLC Chromium (mg/L) | TCLP Chromium (mg/L) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | STLC Copper (mg/L) | Total Lead (mg/Kg) | STLC Lead (mg/L) | TCLP Lead (mg/L) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | | | | | | USEPA 7471A |
| *SFBRWQCB Commercial Screening Level (a)* | | | | *160* | *12 (b)* | *220,000* | *6,900* | *4,000* | *1,800,000* | | | *6,200* | *1,900* | *47,000* | | *380* | | | *5,800* | *64,000* | *5,800* | *5,800* | *12* | *5,800* | *350,000* | *190* |
| *STLC (mg/L)* | | | | | | | | | | *5* | | | | | *25* | | *5* | | | | | | | | | |
| *TCLP (mg/L)* | | | | | | | | | | | *5* | | | | | | | *5* | | | | | | | | |
| *TTLC (mg/kg)* | | | | *500* | *500* | *10,000* | *75* | *100* | *2,500* | | | | *8,000* | *2,500* | | *1000* | | | *3,500* | *2,000* | *100* | *500* | *700* | *2,400* | *5,000* | *20* |
| LV-1-1 | 1 | 06/23/2021 | LCI | <2.91 | <2.43 | 27.8 | <0.243 | <0.485 | 1.84 | -- | -- | -- | <0.971 | 3.4 | -- | <4.85 | -- | -- | <0.485 | 0.491 | <4.85 | <0.971 | <4.85 | 11.1 | <9.71 | 0.19 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <2.97 | 2.71 | 47.8 | <0.248 | <0.495 | 4.06 | -- | -- | -- | 1.8 | 3.18 | -- | <4.95 | -- | -- | <0.495 | 11.5 | <4.95 | <0.990 | <4.95 | 4.21 | <9.90 | <0.0833 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <2.99 | 3.54 | 187 | 0.436 | <0.498 | 10.7 | -- | -- | -- | 5.39 | 14.5 | -- | 12.1 | -- | -- | <0.498 | 24.4 | <4.98 | <0.995 | <4.98 | 16.3 | 19.3 | 0.241 |
| LV-1-15 | 15 | 06/23/2021 | LCI | <3.00 | 4.09 | 252 | 0.606 | <0.500 | 16.1 | -- | -- | -- | 7.74 | 17.7 | -- | 5.23 | -- | -- | <0.500 | 32.4 | <5.00 | <1.00 | <5.00 | 23.4 | 23 | <0.0847 |
| LV-1-20 | 20 | 06/23/2021 | LCI | <2.91 | 2.55 | 41.2 | <0.243 | <0.485 | 2.68 | -- | -- | -- | 1.48 | 3.82 | -- | <4.85 | -- | -- | <0.485 | 6.3 | <4.85 | <0.971 | <4.85 | 4.22 | <9.71 | 0.112 |
| LV-2-1 | 1 | 06/22/2021 | LCI | <2.88 | <2.40 | 51.7 | 0.345 | <0.481 | 8.22 | -- | -- | -- | 4.73 | 7.92 | -- | <4.81 | -- | -- | <0.481 | 7.4 | <4.81 | <0.962 | <4.81 | 17.6 | 22.4 | <0.0820 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <3.16 | 4.84 | 25.4 | <0.263 | <0.526 | 5.58 | -- | -- | -- | 2.66 | 2.47 | -- | <5.26 | -- | -- | <0.526 | 3.88 | <5.26 | <1.05 | <5.26 | 8.13 | 12 | <0.0833 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <2.96 | <2.46 | 52.1 | 0.254 | <0.493 | 7.09 | -- | -- | -- | 8.55 | 5.45 | -- | <4.93 | -- | -- | <0.493 | 6.15 | <4.93 | <0.985 | <4.93 | 13.3 | 18.9 | <0.0877 |
| LV-2-15 | 15 | 06/22/2021 | LCI | <3.09 | <2.58 | 36.9 | <0.258 | <0.515 | 5.41 | -- | -- | -- | 4.38 | 5.13 | -- | <5.15 | -- | -- | <0.515 | 4.61 | <5.15 | <1.03 | <5.15 | 10.8 | 14.6 | <0.0847 |
| LV-2-20 | 20 | 06/22/2021 | LCI | <2.93 | <2.44 | 85.1 | <0.244 | <0.488 | 2.32 | -- | -- | -- | 2.82 | 2.18 | -- | <4.88 | -- | -- | <0.488 | 1.57 | <4.88 | <0.976 | <4.88 | 12.4 | 14.4 | <0.0794 |
| LV-3-1 | 1 | 06/22/2021 | LCI | <3.02 | <2.51 | 110 | 0.56 | <0.503 | 89.6 | <0.500 | -- | <400 | 22 | 33.9 | -- | <5.03 | -- | -- | <0.503 | 106 | <5.03 | <1.01 | <5.03 | 41.8 | 43.9 | 0.431 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <2.96 | <2.46 | 88.4 | 0.493 | <0.493 | 67.5 | <0.500 | -- | <400 | 14.8 | 22.9 | -- | <4.93 | -- | -- | <0.493 | 69 | <4.93 | <0.985 | <4.93 | 43 | 30.7 | <0.0862 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <3.08 | <2.56 | 71.1 | 0.479 | <0.513 | 80.7 | <0.500 | -- | <400 | 17.8 | 28.3 | -- | <5.13 | -- | -- | <0.513 | 82 | <5.13 | <1.03 | <5.13 | 44.2 | 32.4 | <0.0794 |
| LV-4-1 | 1 | 06/18/2021 | LCI | <3.13 | <2.60 | 76.8 | <2.60 | <0.521 | 6.51 | -- | -- | -- | 3.32 | 6.90 | -- | <0.521 | -- | -- | <0.521 | 5.84 | <5.21 | <1.04 | <5.21 | 12.3 | 16.1 | <0.0847 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <3.00 | 3.94 | 225 | <0.250 | <0.500 | 9.51 | -- | -- | -- | 3.45 | 7.69 | -- | <5.00 | -- | -- | <0.500 | 6.87 | <5.00 | <1.00 | <5.00 | 17.4 | 20.9 | 0.192 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <2.99 | 6.73 | 182 | 0.408 | <0.498 | 12.4 | -- | -- | -- | 7.78 | 18.4 | -- | <4.98 | -- | -- | <0.498 | 12.4 | <4.98 | <0.995 | <4.98 | 27.2 | 38.8 | <0.0820 |
| LV-5-1 | 1 | 06/23/2021 | LCI | <2.94 | 3.4 | 109 | 0.29 | <0.490 | 7.1 | -- | -- | -- | 3.62 | 7.97 | -- | 7.28 | -- | -- | <0.490 | 15.3 | <4.90 | <0.980 | <4.90 | 9.24 | 13.2 | <0.0806 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <2.99 | <2.49 | 84.4 | <0.249 | <0.498 | 6.35 | -- | -- | -- | 2.9 | 7.41 | -- | 6.94 | -- | -- | <0.498 | 14.7 | <4.98 | <0.995 | <4.98 | 8.63 | 12.7 | <0.0820 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <2.96 | 3.51 | 93.7 | 0.25 | <0.493 | 6.69 | -- | -- | -- | 3.13 | 8.33 | -- | 17.5 | -- | -- | <0.493 | 14.3 | <4.93 | <0.985 | <4.93 | 8.68 | 13.3 | 0.085 |
| LV-5-15 | 15 | 06/23/2021 | LCI | <3.00 | 2.8 | 166 | 0.365 | <0.500 | 7.52 | -- | -- | -- | 4.13 | 9.91 | -- | 7.63 | -- | -- | <0.500 | 18.6 | <5.00 | <1.00 | <5.00 | 9.9 | 12.7 | 0.114 |
| LV-5-20 | 20 | 06/23/2021 | LCI | <3.09 | 4.18 | 106 | 0.269 | <0.515 | 6.27 | -- | -- | -- | 3.32 | 9.47 | -- | 13.6 | -- | -- | <0.515 | 13.8 | <5.15 | <1.03 | <5.15 | 9.83 | 13.3 | 0.0855 |
| LV-6-1 | 1 | 06/22/2021 | LCI | <2.88 | 2.4 | 15.2 | <0.240 | <0.481 | 2.47 | -- | -- | -- | 0.991 | 1.13 | -- | <4.81 | -- | -- | <0.481 | 1.54 | <4.81 | <0.481 | <4.81 | 3.35 | <9.62 | 0.116 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <2.91 | <2.43 | 13.7 | <0.243 | <0.485 | 1.95 | -- | -- | -- | <0.971 | <0.971 | -- | <4.85 | -- | -- | <0.485 | 1.05 | <4.85 | <0.971 | <4.85 | 2.42 | <9.71 | <0.0820 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <2.99 | 3.6 | 11.7 | <0.249 | <0.498 | 3.04 | -- | -- | -- | 1.17 | 1.22 | -- | <4.98 | -- | -- | <0.498 | 1.97 | <4.98 | <0.995 | <4.98 | 4.08 | <9.95 | 0.165 |
| LV-6-15 | 15 | 06/22/2021 | LCI | <3.00 | <2.50 | 86.8 | 0.451 | <0.500 | 12.3 | -- | -- | -- | 6.37 | 9.25 | -- | <5.00 | -- | -- | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 22.5 | 31.4 | <0.0877 |
| LV-6-20 | 20 | 06/22/2021 | LCI | <3.09 | <2.58 | 61.1 | 0.318 | <0.515 | 10.3 | -- | -- | -- | 5.08 | 6.26 | -- | <5.15 | -- | -- | <0.515 | 7.26 | <5.15 | <1.03 | <5.15 | 18.5 | 23.9 | 0.123 |
| LV-7-1 | 1 | 06/22/2021 | LCI | <3.09 | <2.58 | 56.5 | 0.343 | <0.515 | 51.3 | <0.500 | -- | 700 | 11.3 | 21.9 | -- | <5.15 | -- | -- | <0.515 | 48.2 | <5.15 | <1.03 | <5.15 | 31 | 19.6 | <0.0833 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <3.06 | 40.2 | 157 | 0.43 | 1.97 | 18.5 | -- | -- | -- | 16.5 | 1250 | <0.500 | 109 | <0.500 | <0.500 | <0.510 | 12.5 | <5.10 | <1.02 | <5.10 | 30.8 | 1770 | <0.0806 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <3.03 | <2.53 | 102 | 0.717 | <0.505 | 109 | <0.500 | <0.500 | 480 | 21.9 | 34.6 | -- | <5.05 | -- | -- | <0.505 | 97.8 | <5.05 | <1.01 | <5.05 | 68.6 | 38.2 | <0.0862 |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2.93 | <2.44 | 36.1 | <0.244 | <0.488 | 3.72 | -- | -- | -- | 3.82 | 5.54 | -- | <4.88 | -- | -- | <0.488 | 6.85 | <4.88 | <0.976 | <4.88 | 6.97 | 13.9 | 0.143 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2.88 | <2.40 | 30.1 | 0.288 | <0.481 | 7.29 | -- | -- | -- | 5.11 | 7.96 | -- | <4.81 | -- | -- | <0.481 | 9.44 | <4.81 | <0.962 | <4.81 | 14.1 | 34.2 | <0.0794 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2.90 | <2.42 | 46.6 | <0.242 | <0.483 | 5.30 | -- | -- | -- | 3.03 | 7.82 | -- | <4.83 | -- | -- | <0.483 | 5.09 | <4.83 | <0.966 | <4.83 | 10.9 | 16.9 | 0.0996 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2.97 | <2.48 | 34.2 | <0.248 | <0.495 | 2.31 | -- | -- | -- | 2.30 | 3.42 | -- | <4.95 | -- | -- | <0.495 | 3.36 | <4.95 | <0.990 | <4.95 | 4.39 | <9.90 | <0.0820 |
| LV-9-1 | 1 | 06/22/2021 | LCI | <2.93 | <2.44 | 144 | 0.573 | <0.488 | 27.6 | -- | -- | -- | 8.40 | 14.2 | -- | 8.62 | -- | -- | <0.488 | 49.5 | <4.88 | <0.976 | <4.88 | 23.1 | 47.2 | <0.0877 |
| LV-9-5 | 5.0 | 06/22/2021 | LCI | <3.00 | 30.0 | 121 | 0.348 | 1.58 | 13.9 | -- | -- | -- | 11.9 | 986 | <0.500 | 93.1 | <0.500 | -- | <0.500 | 9.86 | <5.00 | <1.00 | <5.00 | 24.1 | 1210 | <0.0862 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <3.16 | <2.63 | 87.2 | 0.445 | <0.526 | 66.4 | <0.500 | -- | 3600 | 14.6 | 27.4 | -- | <5.26 | -- | -- | <0.526 | 67.3 | <5.26 | <1.05 | <5.26 | 35.6 | 32.8 | <0.0820 |
| LV-10-1 | 1 | 06/21/2021 | LCI | 12.5 | 3.36 | 434 | <0.258 | 3.22 | 207 | <0.500 | -- | 73000 | 11.20 | 73.2 | -- | 2680.0 | -- | <0.500 | 22.7 | 14.3 | <5.15 | 1.74 | <5.15 | 16 | 293 | 1.22 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.56 | 104 | 0.415 | <0.513 | 14.4 | -- | -- | -- | 8.04 | 18 | -- | <5.13 | -- | -- | <0.513 | 11.6 | <5.13 | <1.03 | <5.13 | 25.8 | 36 | <0.0877 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.5 | 152 | 0.616 | 1.23 | 21.3 | -- | -- | -- | 12.00 | 28.5 | -- | <5.00 | -- | -- | <0.500 | 20.1 | <5.00 | <1.00 | <5.00 | 38.7 | 82.6 | 0.105 |
| LV-11-1 | 1 | 06/21/2021 | LCI | <3.08 | <2.56 | 46.8 | <0.256 | <0.513 | 5.73 | -- | -- | -- | 3.79 | 9.86 | -- | 11.9 | -- | -- | 1.04 | 3.7 | <5.13 | <1.03 | <5.13 | 9.62 | 33.0 | <0.0862 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 131 | 0.565 | <0.485 | 19.1 | -- | -- | -- | 9.52 | 33.9 | -- | <4.85 | -- | -- | <0.485 | 14.5 | <4.85 | <0.971 | <4.85 | 32.6 | 46.4 | <0.0820 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <2.87 | <2.39 | 128 | 0.358 | <0.478 | 14.8 | -- | -- | -- | 7.22 | 18.7 | -- | <4.78 | -- | -- | <0.478 | 10.7 | <4.78 | <0.957 | <4.78 | 26.2 | 33.3 | <0.0877 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <2.85 | <2.36 | 141 | 0.641 | 0.479 | 20.9 | -- | -- | -- | 11.7 | 33 | -- | 47.2 | -- | -- | <0.476 | 17.3 | <4.76 | <0.952 | <4.76 | 41.6 | 47.3 | <0.0877 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <3.00 | <2.50 | 122 | 0.448 | <0.500 | 15.7 | -- | -- | -- | 9.46 | 21.2 | -- | <5.00 | -- | -- | <0.500 | 13.6 | <5.00 | <1.00 | <5.00 | 31.1 | 42.8 | <0.0877 |
| LV-12-1 | 1 | 06/21/2021 | LCI | <3.00 | 5.01 | 95.2 | <0.250 | 1.35 | 12.1 | -- | -- | -- | 10.3 | 21.8 | -- | 166 | <0.500 | <0.500 | 1.06 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0847 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <3.06 | <2.55 | 107 | 0.497 | <0.510 | 18.7 | -- | -- | -- | 8.30 | 24.6 | -- | <5.10 | -- | -- | <0.510 | 13.9 | <5.10 | <1.02 | <5.10 | 26.7 | 40.7 | <0.0833 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <3.13 | <2.51 | 145 | 0.27 | <0.521 | 10.7 | -- | -- | -- | 5.93 | 13.4 | -- | <5.21 | -- | -- | <0.521 | 8.08 | <5.21 | <1.04 | <5.21 | 21.6 | 25.9 | 0.197 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | <2.51 | 145 | 0.533 | <0.503 | 19.3 | -- | -- | -- | 11.40 | 25.3 | -- | <5.03 | -- | -- | <0.503 | 15.9 | <5.03 | <1.01 | <5.03 | 39.6 | 47.8 | <0.0820 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <3.16 | <2.63 | 166 | 0.538 | <0.526 | 18.8 | -- | -- | -- | 11.20 | 25.4 | -- | <5.26 | -- | -- | <0.526 | 16 | <5.26 | <1.05 | <5.26 | 38.7 | 50.1 | 0.0934 |
| LV-13-1 | 1 | 06/18/2021 | LCI | <3.11 | <2.59 | 17.3 | <0.259 | <0.518 | 4.46 | -- | -- | -- | 2.06 | 3.87 | -- | <5.18 | -- | -- | <0.518 | 3.88 | <5.18 | <1.04 | <5.18 | 7.21 | 13.9 | <0.0833 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 82.0 | 0.287 | <0.526 | 8.26 | -- | -- | -- | 4.93 | 11.5 | -- | 8.08 | -- | -- | <0.526 | 9.02 | <5.26 | <1.05 | <5.26 | 15.0 | 27.4 | <0.0847 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <3.02 | <2.51 | 82.8 | 0.320 | <0.503 | 9.41 | -- | -- | -- | 5.37 | 13.8 | -- | 12.7 | -- | -- | <0.503 | 9.84 | <5.03 | <1.01 | <5.03 | 15.7 | 32.4 | 0.134 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <2.93 | <2.44 | 32.6 | <0.244 | <0.488 | 2.54 | -- | -- | -- | 1.52 | 3.56 | -- | <4.88 | -- | -- | <0.488 | 2.49 | <4.88 | <0.976 | <4.88 | 5.03 | 12.1 | 0.201 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <2.99 | 4.61 | 149 | 0.553 | 0.798 | 12.8 | -- | -- | -- | 5.58 | 23.6 | -- | 28.4 | -- | -- | <0.498 | 11.4 | <4.98 | <0.995 | <4.98 | 20.0 | 53.9 | <0.0820 |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <3.00 | <2.50 | 200 | <0.250 | <0.500 | 5.42 | -- | -- | -- | 20.4 | 8.46 | -- | <5.00 | -- | -- | <0.500 | 14.1 | <5.00 | <1.00 | <5.00 | 8.77 | 17.5 | 0.195 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <3.09 | <2.58 | 19.5 | <0.258 | <0.515 | 4.20 | -- | -- | -- | 2.62 | 2.97 | -- | <5.15 | -- | -- | <0.515 | 4.33 | <5.15 | <1.03 | <5.15 | 7.75 | 13.2 | 0.0833 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <3.13 | 2.86 | 141 | 0.370 | <0.521 | 11.8 | -- | -- | -- | 6.31 | 19.3 | -- | 18.0 | -- | -- | <0.521 | 10.6 | <5.21 | <1.04 | <5.21 | 21.7 | 43.9 | <0.0877 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <3.16 | <2.63 | 44.8 | <0.263 | <0.526 | 5.19 | -- | -- | -- | 3.48 | 6.20 | -- | <5.26 | -- | -- | <0.526 | 5.27 | <5.26 | <1.05 | <5.26 | 8.38 | 17.1 | 0.120 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <3.02 | <2.51 | 38.2 | <0.251 | <0.503 | 4.87 | -- | -- | -- | 3.49 | 6.96 | -- | <5.03 | -- | -- | <0.503 | 5.01 | <5.03 | <1.01 | <5.03 | 8.77 | 15.6 | <0.0820 |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <3.09 | <2.58 | 35.4 | <0.258 | <0.515 | 3.26 | -- | -- | -- | 2.36 | 7.57 | -- | 6.5 | -- | -- | <0.515 | 3.81 | <5.15 | <1.03 | <5.15 | 5.96 | 15.8 | <0.0806 |
| LV-15-1 | 1 | 06/21/2021 | LCI | 13.6 | <2.59 | 135 | 0.384 | 1.08 | 78.3 | <0.500 | -- | 22000 | 8.63 | 54.6 | -- | 1640 | -- | <0.500 | 15.7 | 12.2 | <5.18 | <1.04 | <5.18 | 21.3 | 86.7 | 0.4 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <3.08 | <2.56 | 57.1 | 0.265 | 1.42 | 10.7 | -- | -- | -- | 6.64 | 51.7 | -- | 10 | -- | -- | <0.513 | 7.92 | <5.13 | <1.03 | <5.13 | 17.2 | 56.2 | <0.0847 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <3.02 | 13.5 | 97.6 | 0.426 | <0.503 | 16 | -- | -- | -- | 10.6 | 24.5 | -- | <5.03 | -- | -- | <0.503 | 16.4 | <5.03 | <1.01 | <5.03 | 34.1 | 43.7 | <0.0794 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <3.02 | 20.5 | 203 | 0.543 | <0.503 | 19.7 | -- | -- | -- | 12.0 | 27.6 | -- | <5.03 | -- | -- | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 42.9 | 51.0 | <0.0820 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <2.97 | <2.48 | 116 | 0.386 | <0.495 | 13.8 | -- | -- | -- | 8.93 | 20.6 | -- | <4.95 | -- | -- | <0.495 | 12.3 | <4.95 | <0.99 | <4.95 | 29.4 | 37.7 | <0.0806 |
| LV-16-1 | 1 | 06/21/2021 | LCI | <2.91 | <2.43 | 67.2 | <0.243 | <0.485 | 5.27 | -- | -- | -- | 10.90 | 11.3 | -- | <4.85 | -- | -- | <0.485 | 4.26 | <4.85 | <0.971 | <4.85 | 11.5 | 19.6 | <0.0820 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <2.91 | 7.67 | 136 | 0.515 | <0.485 | 17.6 | -- | -- | -- | 8.94 | 27.7 | -- | <4.85 | -- | -- | <0.485 | 13.4 | <4.85 | <0.971 | <4.85 | 30.6 | 41.2 | <0.0833 |
| LV-16-5 | 5.0 | 06/21/2021 | LCI | <2.93 | 6.92 | 141 | 0.389 | <0.488 | 14.1 | -- | -- | -- | 7.75 | 18.6 | -- | <4.88 | -- | -- | <0.488 | 11.4 | <4.88 | <0.976 | <4.88 | 24.9 | 31.8 | <0.0833 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.40 | 55.8 | <0.24 | <0.481 | 7.38 | -- | -- | -- | 4.55 | 9.23 | -- | <4.81 | -- | -- | <0.481 | 6.07 | <4.81 | <0.962 | <4.81 | 15.5 | 20.3 | <0.0847 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <2.91 | <2.43 | 97.2 | 0.345 | <0.485 | 12.1 | -- | -- | -- | 7.57 | 15.1 | -- | <4.85 | -- | -- | <0.485 | 10.1 | <4.85 | <0.971 | <4.85 | 25.5 | 31.2 | <0.0862 |
| LV-17-1 | 1 | 06/21/2021 | LCI | <3.06 | <2.55 | 80.2 | 0.274 | <0.510 | 10.5 | -- | -- | -- | 5.49 | 12.7 | -- | 10.8 | -- | -- | 0.543 | 7.95 | <5.10 | <1.02 | <5.10 | 18.2 | 28.4 | <0.0862 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <2.96 | <2.46 | 83.2 | 0.337 | 0.576 | 10.3 | -- | -- | -- | 6.71 | 19.8 | -- | 9.7 | -- | -- | <0.493 | 7.62 | <4.93 | <0.985 | <4.93 | 22.7 | 49.8 | <0.0794 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <3.00 | <2.5 | 83.1 | 0.379 | <0.5 | 13.1 | -- | -- | -- | 7.23 | 15.2 | -- | <5.00 | -- | -- | <0.500 | 10.4 | <5.00 | <1.00 | <5.00 | 23.7 | 30.9 | <0.0862 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <2.91 | <2.43 | 84.4 | <0.243 | <0.485 | 8.4 | -- | -- | -- | 4.55 | 10.9 | -- | <4.85 | -- | -- | <0.485 | 6.28 | <4.85 | <0.971 | <4.85 | 16.1 | 23.2 | <0.0847 |
| LV-17-10 | 10.0 | 06/21/2021 | LCI | <2.93 | <2.44 | 95.8 | 0.503 | <0.488 | 17.8 | -- | -- | -- | 10.7 | 23.8 | -- | <4.88 | -- | -- | <0.488 | 15.1 | <4.88 | <0.976 | <4.88 | 33.9 | 42.4 | <0.0877 |
| LV-18-1 | 1.0 | 06/21/2021 | LCI | <3.11 | <2.59 | 112 | 0.417 | 0.961 | 18.5 | -- | -- | -- | 8.98 | 28.3 | -- | 226.0 | <0.500 | <0.500 | <0.518 | 14.4 | <5.18 | <1.04 | <5.18 | 27.4 | 135 | <0.0820 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <3.00 | <2.5 | 35.4 | <0.25 | <0.500 | 5.06 | -- | -- | -- | 2.74 | 6.88 | -- | <5.0 | -- | -- | <0.5 | 4.2 | <5.00 | <1.00 | <5.00 | 8.09 | 17.4 | <0.0820 |
| LV-18-5 | 5.0 | 06/21/2021 | LCI | <2.96 | <2.46 | 161 | 0.494 | <0.493 | 18 | -- | -- | -- | 9 | 22.9 | -- | <4.93 | -- | -- | <0.493 | 14 | <4.93 | <0.985 | <4.93 | 27.9 | 46.5 | <0.0833 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 156 | 0.584 | <0.526 | 21.6 | -- | -- | -- | 12.3 | 26.7 | -- | <5.26 | -- | -- | <0.526 | 17.5 | <5.26 | <1.05 | <5.26 | 42.3 | 56.5 | <0.0862 |
| LV-18-10 | 10.0 | 06/21/2021 | LCI | <3.02 | <2.51 | 123 | 0.66 | <0.503 | 22.7 | -- | -- | -- | 11.7 | 37.7 | -- | <5.03 | -- | -- | <0.503 | 17.1 | <5.03 | <1.01 | <5.03 | 41.9 | 50.8 | <0.0862 |
| LV-19-1 | 1.0 | 06/21/2021 | LCI | 2.98 | <2.43 | 99.6 | <0.243 | 1.36 | 23.0 | -- | -- | -- | 5.17 | 27.6 | -- | 631.0 | <0.500 | <0.500 | 1.5 | 8.61 | <4.85 | <0.971 | <4.85 | 13.2 | 133 | <0.0847 |

**TABLE 2.** JUNE 2021 and HISTORICAL SOIL ANALYTICAL TEST RESULTS - METALS
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | STLC Chromium (mg/L) | TCLP Chromium (mg/L) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | STLC Copper (mg/L) | Total Lead (mg/Kg) | STLC Lead (mg/L) | TCLP Lead (mg/L) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | | | | | | USEPA 7471A |
| *SFBRWQCB Commercial Screening Level (a)* | | | | *160* | *12 (b)* | *220,000* | *6,900* | *4,000* | *1,800,000* | | | *6,200* | *1,900* | *47,000* | | *380* | | | *5,800* | *64,000* | *5,800* | *5,800* | *12* | *5,800* | *350,000* | *190* |
| *STLC (mg/L)* | | | | | | | | | | *5* | | | | | *25* | | *5* | | | | | | | | | |
| *TCLP (mg/L)* | | | | | | | | | | | *5* | | | | | | | *5* | | | | | | | | |
| *TTLC (mg/kg)* | | | | *500* | *500* | *10,000* | *75* | *100* | *2,500* | | | | *8,000* | *2,500* | | *1000* | | | *3,500* | *2,000* | *100* | *500* | *700* | *2,400* | *5,000* | *20* |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <2.93 | 5.08 | 113 | 0.359 | <0.488 | 13.0 | -- | -- | -- | 7.27 | 25.1 | -- | 41.7 | -- | -- | <0.488 | 10.4 | <4.88 | <0.976 | <4.88 | 24.3 | 59.2 | <0.0847 |
| LV-19-5 | 5.0 | 06/21/2021 | LCI | <3.0 | <2.5 | 121 | 0.38 | <0.5 | 13.8 | -- | -- | -- | 7.39 | 16.5 | -- | <5.00 | -- | -- | <0.500 | 10.7 | <5.00 | <1.00 | <5.00 | 22.5 | 34.5 | <0.0833 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <2.88 | <2.4 | 92.1 | 0.281 | <.481 | 10.4 | -- | -- | -- | 5.89 | 12.4 | -- | <4.81 | -- | -- | <0.481 | 8.22 | <4.81 | <0.962 | <4.81 | 21 | 27.6 | <0.0847 |
| LV-19-10 | 10.0 | 06/21/2021 | LCI | <3.13 | <2.6 | 196 | 0.796 | 0.95 | 67.6 | <0.500 | -- | 2200 | 12.1 | 83.1 | -- | <5.21 | -- | -- | <0.521 | 20.6 | <5.21 | <1.04 | <5.21 | 75.3 | 72.9 | 0.941 |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <3.16 | <2.63 | 71.6 | <0.263 | 0.566 | 22.2 | -- | -- | -- | 4.33 | 24.9 | -- | 125 | <0.500 | <0.500 | 2.15 | 8.49 | <5.26 | <1.05 | <5.26 | 10.6 | 153 | <0.0806 |

-- = not analyzed
(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1
(b) = Department of Toxic Substances Control (DTSC) Screening Level for Industrial Soils; June 2020
J = Estimated value; concentration above the method detection limit but below the reporting limit
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
< 2.6 = not detected above the method detection limit or reporting limit

LCI = Leighton Consulting, Inc.
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure
RED = Exceeds Commercial Screening Level for Soil
= Manage as Non-RCRA Hazardous Waste

**TABLE 3.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - POLYCHLORINATED BIPHENYLS in µg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* |
| LV-1-1 | 1 | 06/23/2021 | LCI | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 | <51 |
| LV-1-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-1-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-1-15 | 15 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-1-20 | 20 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-2-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-15 | 15 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-2-20 | 20 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-3-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-3-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-4-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | 69 | 210 | 89 | <50 | <50 |
| LV-4-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-4-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-5-1 | 1 | 06/23/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-5-5 | 5 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-10 | 10 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-15 | 15 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-5-20 | 20 | 06/23/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-6-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-5 | 5 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-10 | 10 | 06/22/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-6-15 | 15 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-6-20 | 20 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-7-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | 73 | <50 | <50 |
| LV-7-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-7-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-8-1 | 1 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 13,000 | 15,000 | 4,000 | <2500 | <2500 |
| LV-8-3 | 3 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | 1,300 | 1,600 | <2500 | <2500 | <2500 |
| LV-8-5 | 5 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| LV-8-10 | 10 | 06/18/2021 | LCI | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 | <2500 |
| | | | | | | | | | | | | |
| LV-9-1 | 1 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | 250 | 720 | <50 | <50 | <50 |
| LV-9-5 | 5 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-9-10 | 10 | 06/22/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-10-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 1,400 | 370 | <50 | <50 |
| LV-10-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-10-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-11-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-11-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-12-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-12-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-13-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-13-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-14A-1 | 1 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-2.5 | 2.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-5 | 5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-7.5 | 7.5 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-14A-10 | 10 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-14B-2 | 2 | 06/18/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-15-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 340 | 110 | <50 | <50 |
| LV-15-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-15-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-16-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-16-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

**TABLE 3.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - POLYCHLORINATED BIPHENYLS in µg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* |
| LV-17-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | 580 | 260 |
| LV-17-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-17-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-18-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-5 | 5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-18-7.5 | 7.5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-18-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-19-1 | 1 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | 110 | 100 | <50 | <50 |
| LV-19-2.5 | 2.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-5 | 5 | 06/21/2021 | LCI | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| LV-19-7.5 | 7.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| LV-19-10 | 10 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | | | | | | | | | | | | |
| LV-20-0.5 | 0.5 | 06/21/2021 | LCI | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |

Key:
-- = not analyzed
(a) = San Francisco Bay Regiol Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
J = Estimated value; concentration above the method detection limit but below the reporting limit
ug/kg = micrograms per kilogram
<50 = not detected above the method detection limit or reporting limit "X"
LCI = Leighton Consulting, Inc.
**RED** = at or exceeds Commercial ESL

**Table 4.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/kg and TOTAL PETROLEUM HYDROCARBONS (TPH) in mg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| | | | | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample ID** | **Sample Depth** | **Sample Date** | **Consultant** | **PCE** | **TCE** | **Cis-1,2-DCE** | **Trans-1,2-DCE** | **1,1-DCE** | **Vinyl Chloride** | **Benzene** | **Toluene** | **Ethylbenzene** | **Total Xylenes** | **1,2,4-TMB** | **1,3,5-TMB** | **1,3-DCA** | **Acetone** | **Bromomethane** | **2-Butanone** | **Isopropylbenzene** | **4-Methyl-2-Pentanone** | **MTBE** | **Naphthalene** | **Other VOCs** | **C6-C12/C4-C12** | **C13-C22** | **C23-C44/C23-C40** |
| ***SFBRWQCB Commercial Screening Levels*** [a] | | | | ***2,700*** | ***6,100*** | ***85,000*** | ***600,000*** | ***350,000*** | ***150*** | ***1,400*** | ***5,300,000*** | ***26,000*** | ***2,500,000*** | ***11,000*** | ***1,510,000*** | ***16,000*** | ***670,000,000*** | ***30,000*** | ***200,000,000*** | ***9,900,000*** | ***140,000,000*** | ***210,000*** | ***17,000*** | --- | ***2,000*** | ***1,200*** | ***180,000*** |
| LV-1-1 | 1 | 6/23/2021 | LCI | <0.80 | <1.6 | <0.8 | <0.8 | <0.8 | <0.8 | 1.6 | 0.9 | <0.8 | <1.6 | <1.6 | <1.6 | <0.8 | 18 | <16 | <16 | <0.80 | <16 | <1.6 | <8.0 | ND | <0.097 | <4.9 | 5.7 |
| LV-1-5 | 5 | 6/23/2021 | LCI | <0.78 | <1.6 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <1.6 | <0.78 | <16 | <16 | <16 | <0.78 | <16 | <1.6 | <7.8 | ND | <0.091 | <5.0 | 6.1 |
| LV-1-10 | 10 | 6/23/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | <20 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.099 | <5.0 | <5.0 |
| LV-1-15 | 15 | 6/23/2021 | LCI | <0.51 | <1.0 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <0.51 | <1.0 | <1.0 | <1.0 | <0.51 | <10 | <10 | <10 | <0.51 | <10 | <1.0 | <5.1 | ND | <0.010 | <5.0 | <5.0 |
| LV-1-20 | 20 | 6/23/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.010 | 5.6 | 7.9 |
| LV-2-1 | 1 | 6/22/2021 | LCI | <0.83 | <1.7 | <0.83 | <0.83 | <0.83 | <0.83 | 1.7 | 1.5 | <0.83 | <1.7 | <1.7 | <1.7 | <0.83 | 22 | <17 | <17 | <0.83 | <17 | <1.7 | <8.3 | ND | <0.085 | 9.4 | 33 |
| LV-2-5 | 5 | 6/22/2021 | LCI | <0.91 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | 1.9 | 1.4 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | 37 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | <0.079 | <5.0 | <5.0 |
| LV-2-10 | 10 | 6/22/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.12 | <5.0 | 8.0 |
| LV-2-15 | 15 | 6/22/2021 | LCI | <0.95 | <1.9 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <0.95 | <1.9 | <1.9 | <1.9 | <0.95 | <19 | <19 | <19 | <0.95 | <19 | <1.9 | <9.5 | ND | <0.092 | <5.0 | 8.1 |
| LV-2-20 | 20 | 6/22/2021 | LCI | <0.89 | <1.8 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <1.8 | <0.89 | <18 | <18 | <18 | <0.89 | <18 | <1.8 | <8.9 | ND | <0.10 | 5.6 | 7.9 |
| LV-3-1 | 1 | 6/22/2021 | LCI | 5.4 | 15 | 2.5 | <0.63 | <0.63 | <0.63 | 1.4 | 1.2 | <0.63 | <1.3 | <1.3 | <1.3 | 0.9 | 37 | <13 | <13 | <0.63 | <13 | <1.3 | <6.3 | ND | <0.063 | <50 | 360 |
| LV-3-5 | 5 | 6/22/2021 | LCI | 1.8 | 3.7 | <0.83 | <0.83 | <0.83 | <0.83 | 4 | 2.8 | <0.83 | <1.7 | <1.7 | <1.7 | 1.0 | 21 | <17 | <17 | <0.83 | <17 | <1.7 | <8.3 | ND | <0.075 | <4.9 | 7.2 |
| LV-3-10 | 10 | 6/22/2021 | LCI | <0.94 | <1.9 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <1.9 | <0.94 | 57 | <19 | <19 | <0.94 | <19 | <1.9 | <9.4 | ND | <0.097 | <4.9 | 5.6 |
| LV-3-10-DUP | 10 | 6/22/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | 4.4 | <0.90 | 2.0 | <1.8 | <1.8 | <0.90 | 39 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.073 | -- | -- |
| LV-4-1 | 1 | 6/18/2021 | LCI | 4.4 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | 18 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | 1.1 | 42 | 240 |
| LV-4-5 | 5 | 6/18/2021 | LCI | <0.93 | <1.9 | <0.93 | <0.93 | <0.93 | <0.93 | 1.0 | <0.93 | <0.93 | <1.9 | <1.9 | <1.9 | <0.93 | <19 | <19 | <19 | <0.93 | <19 | <1.9 | <9.3 | ND | <0.090 | 7.0 | 8.7 |
| LV-4-10 | 10 | 6/18/2021 | LCI | <0.94 | 4.9 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <0.94 | <1.9 | <1.9 | <1.9 | <0.94 | <19 | <19 | <19 | <0.94 | <19 | <1.9 | <9.3 | ND | <0.078 | 6.1 | 6.9 |
| LV-5-1 | 1 | 6/23/2021 | LCI | 1.4 | <1.7 | <0.84 | <0.84 | <0.84 | <0.84 | 1.5 | 1.1 | <0.84 | <1.7 | <1.7 | <1.7 | <0.84 | 20 | <17 | <17 | <0.84 | <17 | <1.7 | <8.4 | ND | <0.092 | <4.9 | <4.9 |
| LV-5-5 | 5 | 6/23/2021 | LCI | <0.85 | <1.7 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <1.7 | <1.7 | <1.7 | <0.85 | <17 | <17 | <17 | <0.85 | <17 | <1.7 | <8.5 | ND | <0.085 | <5.0 | 7.0 |
| LV-5-10 | 10 | 6/23/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.10 | <4.9 | 8.9 |
| LV-5-10-DUP | 10 | 6/23/2021 | LCI | <0.97 | <1.9 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <1.9 | <0.97 | <19 | <19 | <19 | <0.97 | <19 | <1.9 | <9.7 | ND | <0.11 | -- | -- |
| LV-5-15 | 15 | 6/23/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | <21 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | ND | <0.10 | <5.0 | 12 |
| LV-5-20 | 20 | 6/23/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.10 | 7.4 | 22 |
| LV-6-1 | 1 | 6/22/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | 34 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.10 | 9.3 | 57 |
| LV-6-5 | 5 | 6/22/2021 | LCI | 7.7 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | 2.2 | 1.0 | <0.90 | <1.8 | <1.8 | <1.8 | <0.9 | 18 | <18 | <18 | <0.9 | <18 | <1.8 | <9.0 | ND | <0.087 | <5.0 | 7.0 |
| LV-6-10 | 10 | 6/22/2021 | LCI | 1.8 | <1.6 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <1.6 | <1.6 | <1.6 | <0.80 | <16 | <16 | <16 | <0.80 | <16 | <1.6 | <8.0 | ND | <0.088 | <4.9 | <4.9 |
| LV-6-15 | 15 | 6/22/2021 | LCI | <0.97 | <1.9 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <0.97 | <1.9 | <1.9 | <1.9 | <0.97 | <19 | <19 | <19 | <0.97 | <19 | <1.9 | <9.7 | ND | <0.092 | 12 | 14 |
| LV-6-15-DUP | 15 | 6/22/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | <20 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.10 | -- | -- |
| LV-6-20 | 20 | 6/22/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.097 | <5.0 | <5.0 |
| LV-7-1 | 1 | 6/22/2021 | LCI | <0.82 | <1.6 | <0.82 | <0.82 | <0.82 | <0.82 | 1.8 | 1.6 | <0.82 | <1.6 | 3.5 | <1.6 | <0.82 | 56 | <16 | <16 | <0.82 | <16 | <1.6 | <8.2 | ND | 6.9 | 3900 | 13000 |
| LV-7-5 | 5 | 6/22/2021 | LCI | <0.86 | <1.7 | <0.86 | <0.86 | <0.86 | <0.86 | 4.1 | 3.1 | <0.86 | <1.7 | <1.7 | <1.7 | <0.86 | 19 | <17 | <17 | <0.86 | <17 | <1.7 | <8.6 | ND | <0.074 | <5.0 | 8.5 |
| LV-7-10 | 10 | 6/22/2021 | LCI | <0.72 | <1.4 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <0.72 | <1.4 | <1.4 | <1.4 | <0.72 | <14 | <14 | <14 | <0.72 | <14 | <1.4 | <7.2 | ND | <0.078 | <5.0 | 8.9 |
| LV-8-1 | 1 | 6/18/2021 | LCI | 59 | 160 | <40 | <40 | <40 | <40 | <40 | 2200 | 1000 | 2400 | 820 | <81 | 120 | <810 | <810 | <810 | 100 | <810 | <81 | <400 | 1,4-Dichlorobenzene = 41; n-Butylbenzene = 130; N-Propylbenzene = 140; p-Isopropyltoluene = 100; sec-Butylbenzene = 90; Styrene = 150; Trichlorofluoromethane = 550 | 1.5 | 1800 | 6000 |
| LV-8-3 | 3 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 390 | 1200 |
| LV-8-5 | 5 | 6/18/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | <16 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.086 | 13 | 18 |
| LV-8-10 | 10 | 6/18/2021 | LCI | <1.1 | <2.2 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <2.2 | <1.1 | <22 | <22 | <22 | <1.1 | <22 | <2.2 | <11 | ND | <0.12 | <5.0 | 5.0 |
| LV-9-1 | 1 | 6/22/2021 | LCI | 1.9 | <1.4 | <0.70 | <0.70 | <0.70 | <0.70 | 3.2 | 2.9 | <0.70 | <1.4 | <1.4 | <1.4 | <0.70 | 29 | <14 | <14 | <0.70 | <14 | <1.4 | <7.0 | ND | <0.081 | 51 | 880 |
| LV-9-5 | 5 | 6/22/2021 | LCI | <0.88 | <1.8 | <0.88 | <0.88 | <0.88 | <0.88 | 4.5 | 4.6 | <0.88 | <1.8 | <1.8 | <1.8 | <0.88 | 35 | <18 | <18 | <0.88 | <18 | <1.8 | <8.8 | ND | <0.077 | <5.0 | 5.7 |
| LV-9-10 | 10 | 6/22/2021 | LCI | 3.4 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <1.6 | <0.79 | <16 | <16 | <16 | <0.79 | <16 | <0.79 | <7.9 | ND | <0.10 | <5.0 | 6.0 |
| LV-9-10-DUP | 10 | 6/22/2021 | LCI | 3.4 | <1.5 | <0.74 | <0.74 | <0.74 | <0.74 | 2.2 | <0.74 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 17 | <15 | <15 | <0.74 | <15 | <0.74 | <7.4 | ND | <0.076 | -- | -- |
| LV-10-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | <20 | <20 | <20 | <1.0 | <20 | <2.0 | <10 | ND | <0.096 | 530 | 760.0 |
| LV-10-5 | 5 | 6/21/2021 | LCI | 1.3 | <1.9 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <0.96 | <1.9 | <1.9 | <1.9 | <0.96 | 22 | <19 | <19 | <0.96 | <19 | <1.9 | <9.6 | ND | <0.087 | <5.1 | 10.0 |
| LV-10-10 | 10 | 6/21/2021 | LCI | 7.7 | <1.5 | <0.74 | <0.74 | <0.74 | <0.74 | 2.7 | 2.4 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 140 | <15 | <15 | <0.74 | <15 | <1.5 | <7.4 | ND | <0.076 | <4.8 | <4.8 |
| LV-11-1 | 1 | 6/21/2021 | LCI | <0.73 | <1.5 | <0.73 | <0.73 | <0.73 | <0.73 | 2.9 | 2.6 | <0.73 | <1.5 | <1.5 | <1.5 | <0.73 | 54 | <15 | <15 | <0.73 | <15 | <1.5 | <7.3 | ND | <0.074 | <5.0 | <5.0 |
| LV-11-1-DUP | 1 | 6/21/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | 3.5 | 3.3 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | 100 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.074 | -- | -- |
| LV-11-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.5 | <5.1 |
| LV-11-5 | 5 | 6/21/2021 | LCI | <0.79 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | 7.3 | 7.2 | 1.4 | 2.8 | <1.6 | <1.6 | <0.79 | 18 | <16 | <16 | <0.79 | <16 | <1.6 | <7.9 | ND | 0.19 | <4.9 | <4.9 |
| LV-11-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.9 | <4.9 |
| LV-11-10 | 10 | 6/21/2021 | LCI | <1.1 | <2.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.1 | <2.1 | <2.1 | <1.1 | <21 | <21 | <21 | <1.1 | <21 | <2.1 | <11 | ND | <0.090 | <5.2 | <5.2 |
| LV-12-1 | 1 | 6/21/2021 | LCI | 2.3 | <1.2 | <0.62 | <0.62 | <0.62 | <0.62 | 1.5 | 1.1 | <0.62 | <1.2 | <1.2 | <1.2 | <0.62 | 34 | <12 | <12 | <0.62 | <12 | <1.2 | <6.2 | ND | <0.067 | 5.1 | <4.7 |
| LV-12-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-12-5 | 5 | 6/21/2021 | LCI | <0.77 | <1.5 | <0.77 | <0.77 | <0.77 | <0.77 | 4.3 | 4.4 | 0.91 | <1.5 | <1.5 | <1.5 | <0.77 | 18 | <15 | <15 | <0.77 | <15 | <1.5 | <7.7 | ND | <0.081 | <4.8 | <4.8 |
| LV-12-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | <5.0 |
| LV-12-10 | 10 | 6/21/2021 | LCI | 4.0 | <1.6 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <0.78 | <1.6 | <1.6 | <1.6 | <0.78 | <16 | <16 | <16 | <0.78 | <16 | <1.6 | <7.8 | ND | <0.077 | <5.0 | <5.0 |
| LV-13-1 | 1 | 6/18/2021 | LCI | <0.74 | 1.7 | <0.74 | <0.74 | <0.74 | <0.74 | 1.9 | 1.8 | <0.74 | <1.5 | <1.5 | <1.5 | <0.74 | 120 | <15 | 24 | <0.74 | <15 | <1.5 | <7.4 | ND | 0.17 | 27 | 22 |
| LV-13-2.5 | 2.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | 17 |
| LV-13-5 | 5 | 6/18/2021 | LCI | <0.88 | <1.8 | <0.88 | <0.88 | <0.88 | <0.88 | 2.3 | 2.6 | <0.88 | <1.8 | <1.8 | <1.8 | <0.88 | <18 | <18 | <18 | <0.88 | <18 | <1.8 | <8.8 | ND | <0.090 | 8.0 | 11 |
| LV-13-7.5 | 7.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.8 | <4.8 |
| LV-13-10 | 10 | 6/18/2021 | LCI | <1.1 | <2.2 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <2.2 | <2.2 | <2.2 | <1.1 | <22 | <22 | <22 | <1.1 | <22 | <2.2 | <11 | ND | <0.10 | 10 | 14 |
| LV-14A-1 | 1 | 6/18/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | 2.5 | 11 | 6 | 8.1 | 4.0 | <1.0 | 160 | <20 | 22 | <1.0 | <20 | <2.0 | <10 | ND | 0.16 | 530 | 1500 |
| LV-14A-2.5 | 2.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 19 | 32 |
| LV-14A-5 | 5 | 6/18/2021 | LCI | <0.79 | <1.6 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <0.79 | <1.6 | <1.6 | <1.6 | <0.79 | 22 | <16 | <16 | <0.79 | <16 | 1.7 | <7.9 | ND | <0.087 | 15 | 16 |
| LV-14A-7.5 | 7.5 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | 13 |
| LV-14A-10 | 10 | 6/18/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | 34 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | ND | <0.092 | 5.1 | 7.1 |
| LV-14B-2 | 2 | 6/18/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 160 | 440 |
| LV-15-1 | 1 | 6/21/2021 | LCI | <0.81 | <1.6 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <0.81 | <1.6 | <1.6 | <1.6 | <0.81 | <16 | <16 | <16 | <0.81 | <16 | <1.6 | <8.1 | ND | <0.071 | 23 | 120 |
| LV-15-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.0 | 29 |
| LV-15-5 | 5 | 6/21/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <1.8 | <1.8 | <1.8 | <0.90 | 24 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.089 | <4.9 | <4.9 |
| LV-15-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-15-10 | 10 | 6/21/2021 | LCI | <0.90 | <1.8 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <0.90 | <1.8 | <1.8 | <1.8 | <0.90 | 25 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.096 | <4.9 | <4.9 |
| LV-16-1 | 1 | 6/21/2021 | LCI | <0.76 | <1.5 | <0.76 | <0.76 | <0.76 | <0.76 | 1.4 | 0.93 | <0.76 | <1.5 | <1.5 | <1.5 | <0.76 | 37 | <15 | <15 | <0.76 | <15 | <1.5 | <7.6 | ND | <0.070 | 8.4 | 5.3 |
| LV-16-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | 83 |
| LV-16-5 | 5 | 6/21/2021 | LCI | <0.38 | <0.75 | <0.38 | <0.38 | <0.38 | <0.38 | 1.5 | 1.6 | <0.38 | <0.75 | <0.75 | <0.75 | <0.38 | <7.5 | <7.5 | <7.5 | <0.38 | <7.5 | <0.75 | <7.5 | ND | <0.86 | 6.2 | 7.5 |
| LV-16-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <5.2 | <5.2 |
| LV-16-10 | 10 | 6/21/2021 | LCI | <0.86 | <1.7 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <0.86 | <1.7 | <1.7 | <1.7 | <0.86 | <17 | <17 | <17 | <0.86 | <17 | <1.7 | <8.6 | ND | <0.097 | <4.9 | <4.9 |
| LV-17-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.1 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <2.1 | <2.1 | <2.1 | <1.0 | 21 | <21 | <21 | <1.0 | <21 | <2.1 | <10 | Ethanol = 320 | <0.11 | 20 | 120 |
| LV-17-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2400 | 7300 |
| LV-17-5 | 5 | 6/21/2021 | LCI | <42 | <83 | <42 | <42 | <42 | <42 | <42 | <42 | 100 | 610 | 6900 | 2700 | <42 | <830 | <830 | <830 | <42 | <830 | <83 | <420 | n-Butylbenzene = 1000; N-Propylbenzene = 390; p-Isopropyltoluene = 780; sec-Butylbenzene = 410 | 270 | 800 | 2900 |
| LV-17-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14 | 63 |
| LV-17-10 | 10 | 6/21/2021 | LCI | <0.89 | <1.8 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <0.89 | <1.8 | <1.8 | <1.8 | <0.89 | 18 | <18 | <18 | <0.89 | <18 | <1.8 | <8.9 | ND | <0.099 | <4.7 | 11 |
| LV-18-1 | 1 | 6/21/2021 | LCI | <0.9 | <1.8 | <0.9 | <0.9 | <0.9 | <0.9 | 1.4 | <0.9 | <0.9 | <1.8 | <1.8 | <1.8 | <0.90 | 62 | <18 | <18 | <0.90 | <18 | <1.8 | <9.0 | ND | <0.091 | 9.7 | 120 |
| LV-18-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <4.9 | 46 |
| LV-18-5 | 5 | 6/21/2021 | LCI | 2.5 | <1.9 | <0.93 | <0.93 | <0.93 | <0.93 | 5 | 2.9 | <0.93 | <1.9 | <1.9 | <1.9 | <0.93 | <19 | <19 | <19 | <0.93 | <19 | <1.9 | <9.3 | ND | <0.089 | <5.0 | <5.0 |
| LV-18-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | 8.0 |
| LV-18-10 | 10 | 6/21/2021 | LCI | <0.91 | <1.8 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <0.91 | <1.8 | <1.8 | <1.8 | <0.91 | <18 | <18 | <18 | <0.91 | <18 | <1.8 | <9.1 | ND | <0.10 | 7.1 | 9.8 |
| LV-18-10-DUP | 10 | 6/21/2021 | LCI | 0.99 | <1.3 | <0.64 | <0.64 | <0.64 | <0.64 | 2.1 | 1.7 | <0.64 | <1.3 | <1.3 | <1.3 | <0.64 | 15 | <13 | <13 | <0.64 | <13 | <1.3 | <6.4 | ND | <0.083 | -- | -- |
| LV-19-1 | 1 | 6/21/2021 | LCI | <1.0 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | 1.8 | 1.7 | <1.0 | <2.0 | <2.0 | <2.0 | <1.0 | 290 | <20 | 26 | <1.0 | <20 | <2.0 | <10 | ND | <0.085 | 11.0 | 84 |
| LV-19-2.5 | 2.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.0 | 63 |

**Table 4.** JUNE 2021 SOIL ANALYTICAL TEST RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/kg and TOTAL PETROLEUM HYDROCARBONS (TPH) in mg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| | | | | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | Sample Depth | Sample Date | Consultant | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,3-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *2,700* | *6,100* | *85,000* | *600,000* | *350,000* | *150* | *1,400* | *5,300,000* | *26,000* | *2,500,000* | *11,000* | *1,510,000* | *16,000* | *670,000,000* | *30,000* | *200,000,000* | *9,900,000* | *140,000,000* | *210,000* | *17,000* | -- | *2,000* | *1,200* | *180,000* |
| LV-19-5 | 5 | 6/21/2021 | LCI | <0.82 | <1.6 | <0.82 | <0.82 | <0.82 | <0.82 | 1.5 | 1.1 | <0.82 | <1.6 | <1.6 | <1.6 | <0.82 | <16 | <16 | <16 | <0.82 | <16 | <1.6 | <8.2 | ND | <0.078 | <4.9 | 9.3 |
| LV-19-7.5 | 7.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.4 | 8.6 |
| LV-19-10 | 10 | 6/21/2021 | LCI | <0.99 | <2.0 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <0.99 | <2.0 | <2.0 | <2.0 | <0.99 | 29 | <20 | <20 | <0.99 | <20 | <2.0 | <9.9 | ND | <0.092 | 7.8 | 16 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LV-20-0.5 | 0.5 | 6/21/2021 | LCI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Key:
-- = not analyzed
(a) = San Francisco Bay Regiol Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
USEPA = United Stated Environmental Protection Agency
J = Estimated value; concentration above the method detection limit but below the reporting limit
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
**1800** = at or exceeds commercial ESL
<50 = not detected above the method detection limit or reporting limit "X"
B = Constituent found in associated method blank
LCI = Leighton Consulting, Inc.

**TABLE 5. J**UNE 2021 SOIL VAPOR ANALYTICAL TEST RESULTS-DETECTED VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/m$^3$
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample/Boring ID | Sample Depth (ft bgs) | Sample Date | Consultant | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Ethyl-benzene | Xylenes (Total) | Vinyl Chloride | Freon 12 | Freon 113 | trans-1,2-DCE | 1,1-DCE | 1,1,1-TCA | 1,2,4-TMB | 1,2-DCP | p-isopropyltoluene | Other VOCs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SFBRWQCB Commercial Screening Levels [a]** | | | | **67** | **100** | **1,200** | **260** | **14** | **160** | **15,000** | **5.2** | **--** | **733,333** | **12,000** | **10,000** | **150,000** | **290** | **41** | **--** | **--** |
| **DTSC -Screening Levels[b]** | | | | **2** | **--** | **35** | **7.7** | **0.42** | **--** | **--** | **0.2** | **--** | **--** | **350** | **350** | **4,400** | **--** | **--** | **--** | **--** |
| **DTSC -Screening Levels[b]with a 0.03 Attenuation Factor** | | | | **67** | **--** | **1167** | **257** | **14** | **--** | **--** | **5** | **--** | **--** | **11667** | **11667** | **146667** | **--** | **--** | **--** | **--** |
| **DTSC -Screening Levels[b] with a 0.0005 Attenuation Factor** | | | | **4000** | **--** | **70000** | **15400** | **840** | **--** | **--** | **320** | **--** | **--** | **700000** | **700000** | **8800000** | **--** | **--** | **--** | **--** |
| **US EPA[c] RSLs** | | | | **47** | **3** | **--** | **7.7** | **1.6** | **4.9** | **440** | **2.8** | **440** | **--** | **180** | **880** | **22,000** | **260** | **3.3** | **--** | **--** |
| **US EPA[c] RSLs with a 0.03 Attenuation Factor** | | | | **1567** | **100** | **--** | **257** | **53** | **163** | **14667** | **93** | **14667** | **--** | **6000** | **29333** | **733333** | **8667** | **110** | **--** | **--** |
| **US EPA[c] RSLs with a 0.0005 Attenuation Factor** | | | | **94000** | **6000** | **--** | **15400** | **3200** | **9800** | **880000** | **5600** | **880000** | **--** | **360000** | **1760000** | **44000000** | **520000** | **6600** | **--** | **--** |
| LV-1 | 20 | 06/29/21 | LCI | **120** | **430** | <40 | <40 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/29/21 | LCI | 32 | **390** | <40 | <40 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| LV-2 | 20 | 06/29/21 | LCI | **140** | **350** | <40 | 40 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/29/21 | LCI | **120** | **340** | <40 | 60 | <10 | <40 | <80 | <10 | <40 | 68 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| LV-3 | 10 | 06/28/21 | LCI | **230** | **1100** | **5,500** | **2,700** | **27** | <40 | <80 | **2800** | 44 | 170 | 80 | 69 | <40 | <40 | **160** | <40 | MTBE = 64 |
| | 15 | 06/28/21 | LCI | **230** | **1500** | **9,700** | **4,200** | **37** | <40 | <80 | **4700** | 61 | 250 | 130 | 110 | <40 | <40 | **240** | <40 | MTBE = 87 |
| | 35 | 06/28/21 | LCI | **400** | **270** | **11,000** | **2,900** | <10 | <40 | 43 (m,p) | **6100** | 44 | 170 | 190 | 110 | <40 | <40 | **90** | <40 | ND |
| LV-4 | 5 | 06/28/21 | LCI | **450** | **3800** | 250 | **1,400** | **67** | <40 | <80 | **14** | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 14 | 06/28/21 | LCI | <16 | **10000** | **6,500** | **1,800** | **42** | <40 | <80 | **1000** | <40 | <40 | 120 | 110 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/28/21 | LCI | <16 | 31 | **16,000** | **3,000** | **14** | <40 | <80 | **2200** | <40 | <40 | 84 | 310 | <40 | <40 | <40 | <40 | MTBE = 68 |
| LV-5 | 20 | 06/29/21 | LCI | **1500** | **640** | <40 | <40 | <10 | <40 | <80 | <10 | <40 | 120 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 34 | 06/29/21 | LCI | **330** | **790** | 380 | <40 | <10 | 44 | <80 | <10 | <40 | 140 | NA | <40 | <40 | 42 | <40 | 41 | ND |
| LV-6 | 20 | 06/29/21 | LCI | **710** | **580** | 200 | 230 | <10 | <40 | <80 | <10 | <40 | 200 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/29/21 | LCI | **88** | **840** | 970 | 590 | <10 | <40 | <80 | **22** | <40 | 240 | NA | <40 | <40 | <40 | **53** | <40 | ND |
| LV-7 | 7 | 06/29/21 | LCI | **350** | **580** | <40 | **650** | <10 | <40 | <80 | <10 | <40 | 260 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 15 | 06/29/21 | LCI | **570** | **1400** | 360 | **2,300** | <10 | <40 | <80 | <10 | <40 | 180 | NA | <40 | <40 | <40 | <40 | <40 | MTBE = 190 |
| | 15 REP | 06/29/21 | LCI | **630** | **1500** | 450 | **2,900** | <10 | <40 | <80 | <10 | <40 | 210 | NA | <40 | <40 | <40 | <40 | <40 | MTBE = 220 |
| | 35 | 06/29/21 | LCI | 38 | **830** | **3,800** | **3,600** | <10 | <40 | <80 | **720** | <40 | 87 | 84 | 190 | <40 | 73 | <40 | <40 | MTBE = 260 |
| LV-8 | 5 | 06/28/21 | LCI | **82** | **390** | 540 | **2,100** | **82** | <40 | 72 (m,p) | **2200** | <40 | <40 | NA | 78 | <40 | 51 | <40 | <40 | Chloroethane = 260 |
| | 15 | 06/28/21 | LCI | 44 | **1000** | **6,400** | **6,500** | **46** | <40 | <80 | **2500** | <40 | <40 | 91 | 500 | <40 | <40 | <40 | <40 | 1,2-Dichloroethane = 160; MTBE = 100 |
| | 35 | 06/28/21 | LCI | <16 | **170** | **5,800** | **5,300** | <10 | <40 | <80 | **1800** | <40 | <40 | 60 | 470 | <40 | <40 | <40 | <40 | 1,2-Dichloroethane = 77; MTBE = 77 |
| LV-9 | 6 | 06/28/21 | LCI | **3500** | **530** | <40 | 110 | 11 | <40 | 68 (m,p) | <10 | <40 | 72 | NA | <40 | <40 | 46 | <40 | <40 | ND |
| | 6 REP | 06/28/21 | LCI | **4100** | **640** | <40 | 120 | **14** | <40 | 91 (m,p) | <10 | <40 | 98 | NA | <40 | 41 | 54 | <40 | <40 | 1,1,1-TCE = 41 |
| | 15 | 06/28/21 | LCI | **6800** | **2900** | 280 | **1,400** | <10 | <40 | <80 | <10 | <40 | 210 | NA | <40 | 77 | <40 | <40 | <40 | 1,1,1-TCE = 77 |
| | 35 | 06/28/21 | LCI | <16 | **600** | **6800** | **2400** | <10 | <40 | <80 | **52** | <40 | 220 | 130 | 68 | <40 | <40 | <40 | <40 | MTBE = 58 |
| LV-10 | 6 | 06/28/21 | LCI | **6000** | **210** | <40 | <40 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | 66 | <40 | <40 | <40 | 1,1,1-TCE = 66 |
| | 15 | 06/28/21 | LCI | **2300** | **330** | <40 | 170 | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |
| | 35 | 06/28/21 | LCI | **250** | **550** | 220 | **1400** | <10 | <40 | <80 | <10 | <40 | <40 | NA | <40 | <40 | <40 | <40 | <40 | ND |

Notes:

-- = Screening level not established

µg/m$^3$ = micrograms per cubic meter

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019

(b) = Department of Toxic Substances (DTSC) HHRA Note 3 June 2020, Table 3. DTSC-recommended Screening Levels for Ambient Air Analytes

(c) = United States Environmental Protection Agency (USEPA) Regional Screening Levels, May 2021, for industrial air, cancer endpoint; noncancer enpoint used where cancer endpoint unavailable

J = Estimated value. Concentration detected above the method detection limit but below the reporting limit

NA = Not Analyzed

<8 = Not detected above method detection limit

LCI = Leighton Consulting, Inc.

**RED** = at or exceeds Commercial Screening Level (a)

< = Less than Laboratory Detection Limit

(m,p) = m,p-Xylene only for total

BDCM = Bromodichloromethane

DCA = Dichloroethane

DCE = Dichloroethene

DCP = Dichloropropane

PCE = Tetrachloroethylene

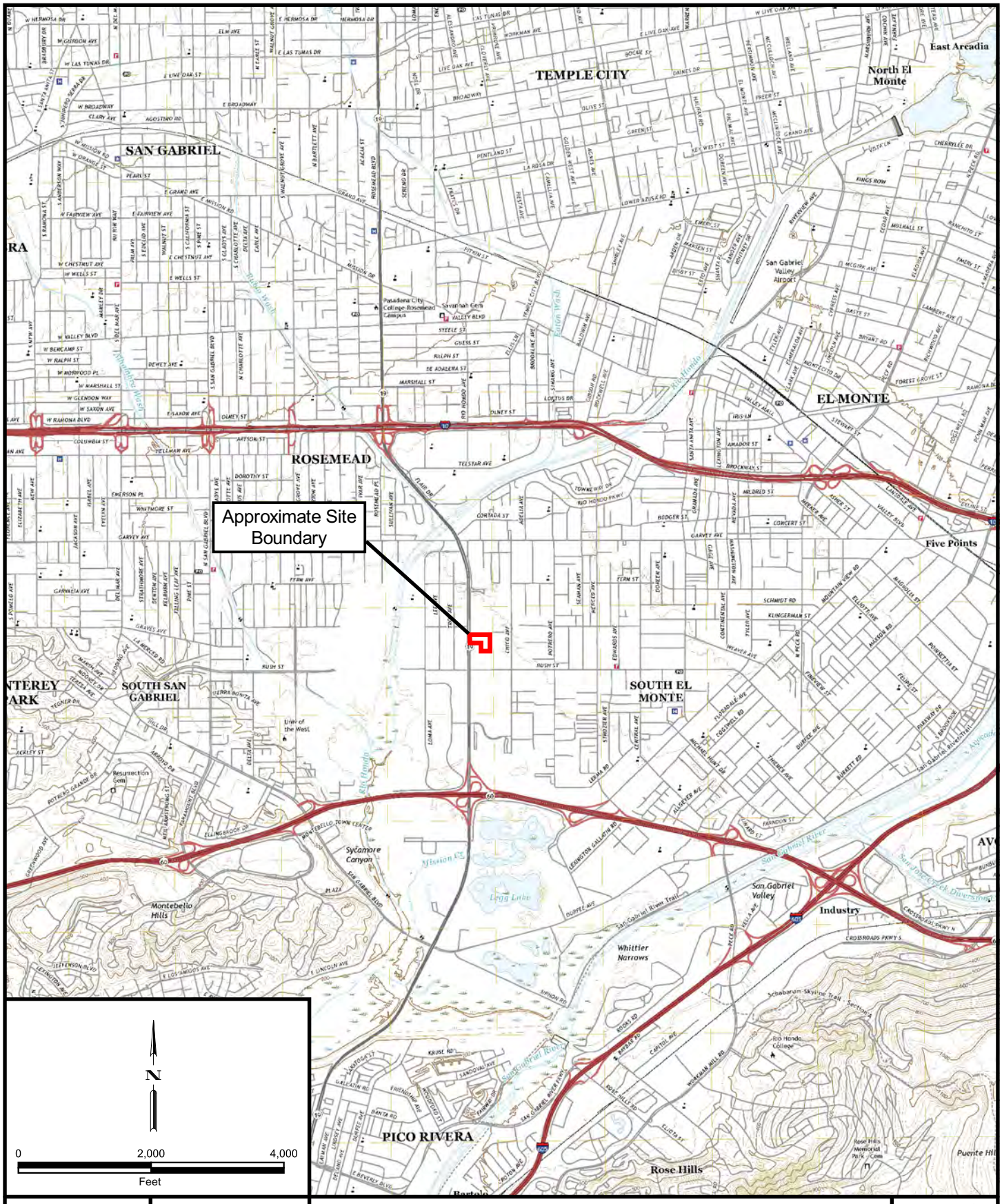
TCA = Trichloeoethane

TCE = Trichloroethylene

TMB = Trimethylbenzene

MTBE = Methyl tertiary-butyl ether

# FIGURES




| | |
|---|---|
| Project: 13111.001 | Geol/Eng: RJF/MH |
| Scale 1" = 2,000' | Date: Month 2020 |

Basemap: USGS Topographic Map, El Monte Quandrangle 7.5 Minute Series, 2018.

Author: mav

# SITE LOCATION MAP

Rosemead Holding LLC
2200 N. Rosemead Boulevard
South El Monte, California

Figure 1

Leighton

Map Saved as\\ds-irv\project\INFOCUS PROJECTS\13001-13500\13111 Rosemead Holding\001\Geomatics\JulyPlates

**Legend**

Approximate Site Boundary

Rosemead Blvd

2291

2117

19

19

Figure 2

# SITE PLAN

Rosemead Holding LLC
2200 N Rosemead Boulevard
South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: RJB/MH |
| Scale: 1 " = 30 feet | Date: June 2021 |

Base Map: ESRI ArcGIS Online 2021

Author: Leighton Geomatics (btran)

Leighton

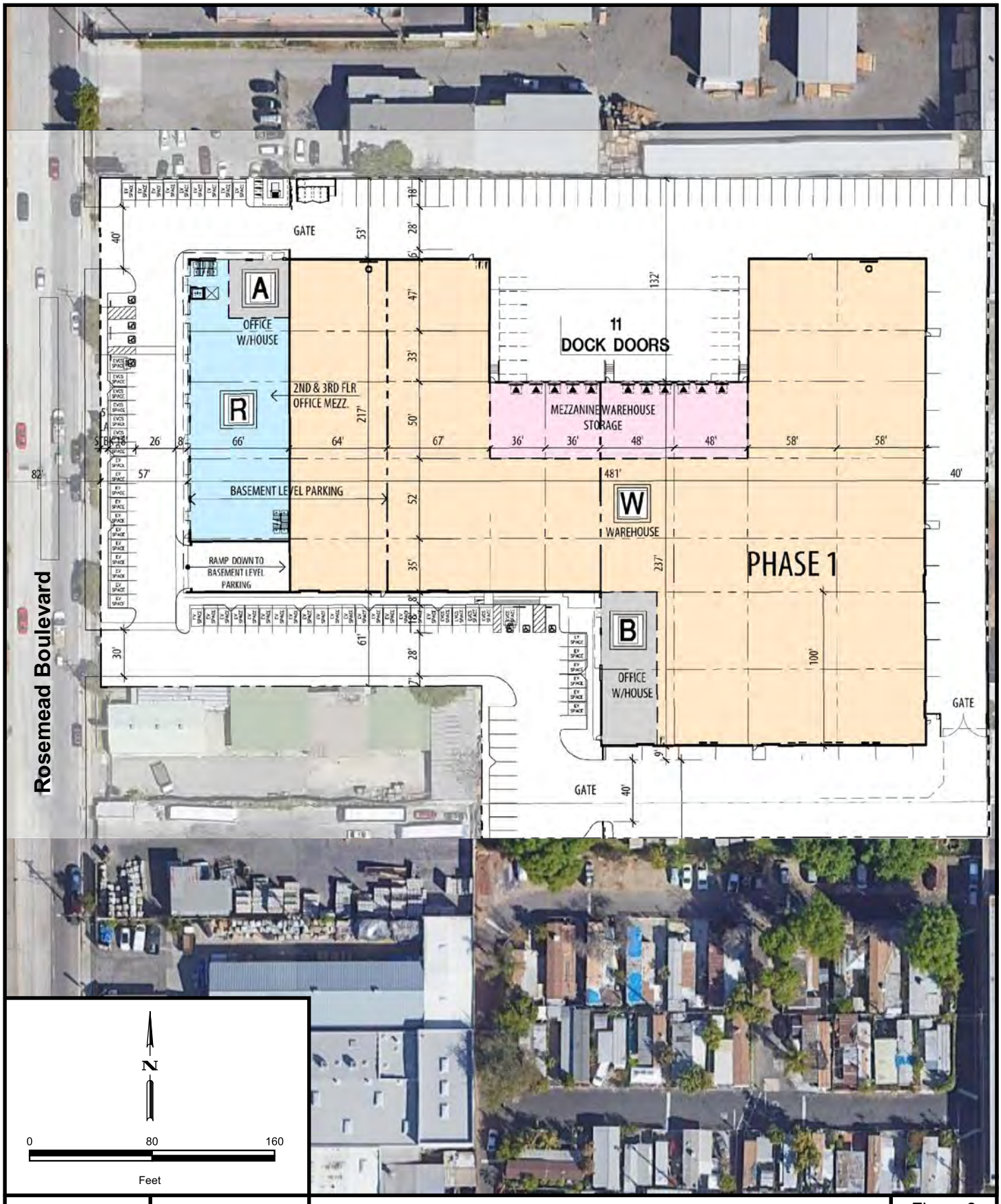
N

0 30 60

Feet

Esri, HERE, Garmin, (c) OpenStreetMap contributors, © 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution

Map Saved as V:\Drafting\13111\001\Maps\13111-001_P01_SP_2021-06-01.mxd on 6/1/2021 10:36:27 AM




| | |
|---|---|
| Project: 13111.001 | Geol/Eng: RJF/MH |
| Scale 1" = 80' | Date: July 2021 |

Basemap: Modified from; Site Plan Scheme H - Phases 1 & 2 Rosemead Blvd. & Rush Street, GAA Architects, dated July 7, 2021.

Author: mav

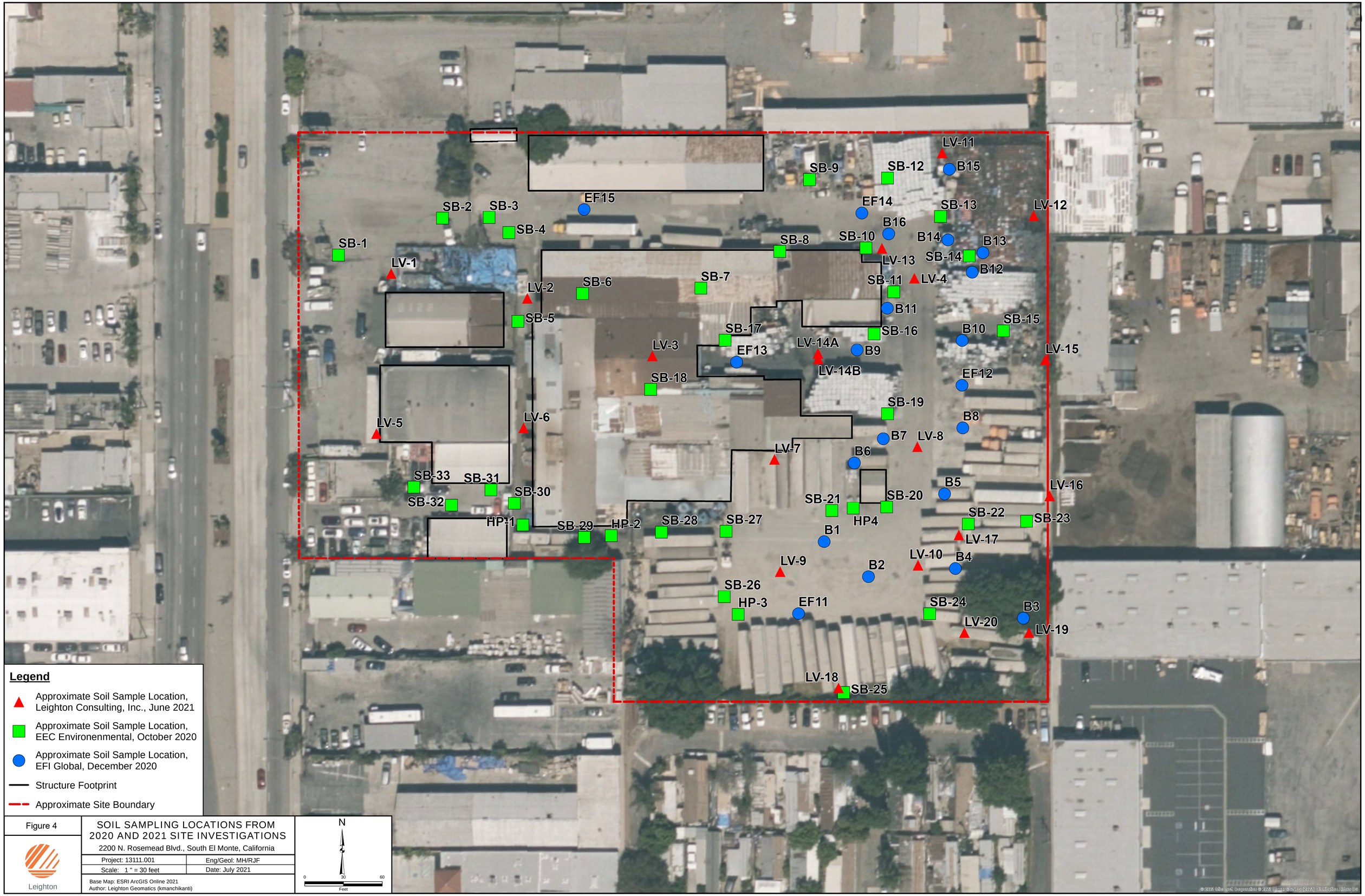
# PROPOSED PHASE 1 SCHEMATIC

Rosemead Holding LLC
2200 N Rosemead Boulevard
South El Monte, California

Figure 3

Leighton

Map Saved as \\ds-irv\project\INFOCUS PROJECTS\13001-13500\13111 Rosemead Holding\001\Geomatics\JulyPlates\20210730_F3_SCHEM




**Legend**

- Approximate Soil Sample Location, Leighton Consulting, Inc., June 2021
- Approximate Soil Sample Location, EEC Environenmental, October 2020
- Approximate Soil Sample Location, EFI Global, December 2020
- Structure Footprint
- Approximate Site Boundary

Figure 4

Leighton

SOIL SAMPLING LOCATIONS FROM 2020 AND 2021 SITE INVESTIGATIONS

2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 30 feet | Date: July 2021 |

Base Map: ESRI ArcGIS Online 2021
Author: Leighton Geomatics (kmanchikanti)

N

0 30 60

Feet

© 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution Airbus DS

Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P01_SL_2021-07-26.mxd on 7/27/2021 10:35:15 AM

# PLATES

SB-3
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.8 J | 9.6 | 33 | 10
SB-2
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.1 | 6.8 | 18 | 8.1
SB-4
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.9 J | 7.4 | 32 | 10
SB-1
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.8 J | 11 | 27 | 18
LV-1
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.91 | ND < 2.43 | 1.84 | ND < 4.85
5 | ND < 2.97 | 2.71 | 4.06 | ND < 4.95
10 | ND < 2.99 | 3.54 | 10.7 | 12.1
15 | ND < 3.00 | 4.09 | 16.1 | 5.23
20 | ND < 2.91 | 2.55 | 2.68 | ND < 4.85
LV-2
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.88 | ND < 2.40 | 8.22 | ND < 4.81
5 | ND < 3.16 | 4.84 | 5.58 | ND < 5.26
10 | ND < 2.96 | ND < 2.46 | 7.09 | ND < 4.93
15 | ND < 3.09 | ND < 2.58 | 5.41 | ND < 5.15
20 | ND < 2.93 | ND < 2.44 | 2.32 | ND < 4.88
SB-5
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.9 | 8.6 | 24 | 7.2
LV-3
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.02 | ND < 2.51 | 89.6 | ND < 5.03
5 | ND < 2.96 | ND < 2.46 | 67.5 | ND < 4.93
10 | ND < 3.08 | ND < 2.56 | 80.7 | ND < 5.13
LV-5
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.94 | 3.4 | 7.1 | 7.28
5 | ND < 2.99 | ND < 2.49 | 6.35 | 6.94
10 | ND < 2.96 | 3.51 | 6.69 | 17.5
15 | ND < 3.00 | 2.8 | 7.52 | 7.63
20 | ND < 3.09 | 4.18 | 6.27 | 13.6
LV-6
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.88 | 2.4 | 2.47 | ND < 4.81
5 | ND < 2.91 | ND < 2.43 | 1.95 | ND < 4.85
10 | ND < 2.99 | 3.6 | 3.04 | ND < 4.98
15 | ND < 3.00 | ND < 2.50 | 12.3 | ND < 5.00
20 | ND < 3.09 | ND < 2.58 | 10.3 | ND < 5.15
SB-33
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.3 | 4.3 | 12 | 12
SB-31
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.6 | 5.0 | 19 | 19
SB-32
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.3 | 4.3 | 12 | 12
SB-9
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND <3.0 | 5.4 | 30 | 8.5
SB-8
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.7 J | 4.6 | 20 | 25
EFI3
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 20.7
SB-17
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.6 | 4.8 | 19 | 11
5 | -- | -- | -- | 9.5
SB-7
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.0 | 3.9 | 12 | 4.8
EFI5
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 8.1
SB-12
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.7 J | 6.6 | 26 | 8.3
B15
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 2330
2 | -- | -- | -- | 306
3 | -- | -- | -- | 7.2
B16
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 39.8
2 | -- | -- | -- | 14.5
3 | -- | -- | -- | 6.7
SB-13
Depth | Antimony | Arsenic | Chromium | Lead
2 | 29 | 7.9 | 110 | 2,300
15 | -- | -- | -- | 3.6
LV-11
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.08 | ND < 2.56 | 5.73 | 11.9
2.5 | ND < 2.91 | ND < 2.43 | 19.1 | ND < 4.85
5 | ND < 2.87 | ND < 2.39 | 14.8 | ND < 4.78
7.5 | ND < 2.86 | ND < 2.38 | 20.9 | ND < 4.76
10 | ND < 3.00 | ND < 2.50 | 15.7 | ND < 5.00
LV-13
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.11 | ND < 2.59 | 4.46 | ND < 5.18
2.5 | ND < 3.16 | ND < 2.63 | 8.26 | 8.08
5 | ND < 3.02 | ND < 2.51 | 9.41 | 12.7
7.5 | ND < 2.93 | ND < 2.44 | 2.54 | ND < 4.88
10 | ND < 2.99 | 4.61 | 12.8 | 28.4
B14
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 473
2 | -- | -- | -- | 9.2
3 | -- | -- | -- | 61.5
LV-12
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.00 | 5.01 | 12.1 | 166
2.5 | ND < 3.06 | ND < 2.55 | 18.7 | ND < 5.10
5 | ND < 3.13 | ND < 2.60 | 10.7 | ND < 5.21
7.5 | ND < 3.02 | ND < 2.51 | 19.6 | ND < 5.03
10 | ND < 3.16 | ND < 2.63 | 18.8 | ND < 5.26
SB-14
Depth | Antimony | Arsenic | Chromium | Lead
5 | ND < 2.8 | 9.7 | 23 | 31
B13
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 775
2 | -- | -- | -- | 10
3 | -- | -- | -- | 6.9
B12
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 1210
2 | -- | -- | -- | 8.3
3 | -- | -- | -- | 8.1
LV-4
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.13 | ND < 2.60 | 6.51 | ND < 5.21
5 | ND < 3.00 | 3.94 | 9.51 | ND < 5.00
10 | ND < 2.99 | 6.73 | 12.4 | ND < 4.98
SB-11
Depth | Antimony | Arsenic | Chromium | Lead
2 | 19 | 6.4 | 88 | 2,400
5 | -- | -- | -- | 6.3
B11
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 52.8
2 | -- | -- | -- | 7.6
3 | -- | -- | -- | 7.2
B9
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 105
2 | -- | -- | -- | 24.5
3 | -- | -- | -- | 170
SB-16
Depth | Antimony | Arsenic | Chromium | Lead
2 | 13 | 8.1 | 2,000 | 13,000
5 | -- | -- | -- | 6.3
B10
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 4470
2 | -- | -- | -- | 10.7
3 | -- | -- | -- | 6.5
SB-15
Depth | Antimony | Arsenic | Chromium | Lead
2 | 4.8 | 7.9 | 38 | 390
5 | -- | -- | -- | 5.8
LV-15
Depth | Antimony | Arsenic | Chromium | Lead
1 | 13.6 | ND < 2.59 | 78.3 | 1640
2.5 | ND < 3.08 | ND < 2.56 | 10.7 | 9.88
5 | ND < 3.02 | 13.5 | 16 | ND < 5.03
7.5 | ND < 3.02 | 20.5 | 19.7 | ND < 5.03
10 | ND < 2.97 | ND < 2.48 | 13.8 | ND < 4.95
EFI2
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 791
SB-19
Depth | Antimony | Arsenic | Chromium | Lead
2 | 79 | 21 | 5,100 | 26,000
5 | -- | 8.1 | -- | 4.7
B8
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 9790
2 | -- | -- | -- | 111
3 | -- | -- | -- | 30
B7
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 23.3
2 | -- | -- | -- | 15.3
3 | -- | -- | -- | 10.8
B6
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 662
2 | -- | -- | -- | 97.3
3 | -- | -- | -- | 668
4 | -- | -- | -- | 11.6
LV-16
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.91 | ND < 2.43 | 5.27 | ND < 4.85
2.5 | ND < 2.91 | 7.67 | 17.6 | ND < 4.85
5 | ND < 2.93 | 6.92 | 14.1 | ND < 4.88
7.5 | ND < 2.88 | ND < 2.40 | 7.38 | ND < 4.81
10 | ND < 2.91 | ND < 2.43 | 12.1 | ND < 4.85
B5
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 92.4
2 | -- | -- | -- | 19900
3 | -- | -- | -- | 20.7
4 | -- | -- | -- | --
SB-23
Depth | Antimony | Arsenic | Chromium | Lead
2 | 730 | 23 | 180 | 4,100
5 | 1.7 J | 4.0 | -- | 5.7
SB-22
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.8 | 3.3 | 13 | 50
B4
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 6.36
2 | -- | -- | -- | 39.1
3 | -- | -- | -- | 34.6
B3
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 702
2 | -- | -- | -- | 57.2
3 | -- | -- | -- | 71
4 | -- | -- | -- | NA
SB-24
Depth | Antimony | Arsenic | Chromium | Lead
2 | 4.0 | 5.3 | 17 | 140
SB-20
Depth | Antimony | Arsenic | Chromium | Lead
2 | 6.9 | 3.2 | 28 | 520
5 | -- | -- | -- | 7.8
SB-10
Depth | Antimony | Arsenic | Chromium | Lead
5 | 2.7 J | 18 | 25 | 84
10 | -- | 4 | -- | --
SB-6
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.8 | 3.3 | 24 | 7.2
LV-14A
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.00 | ND < 2.50 | 5.42 | ND < 5.00
2.5 | ND < 3.09 | ND < 2.58 | 4.2 | ND < 5.15
5 | ND < 3.13 | 2.86 | 11.8 | 18
7.5 | ND < 3.16 | ND < 2.63 | 5.19 | ND < 5.26
10 | ND < 3.02 | ND < 2.51 | 4.87 | ND < 5.03
LV-14B
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.09 | ND < 2.58 | 3.26 | 6.53
LV-8
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.93 | ND < 2.44 | 3.72 | ND < 4.88
3 | ND < 2.88 | ND < 2.40 | 7.29 | ND < 4.81
5 | ND < 2.90 | ND < 2.42 | 5.3 | ND < 4.83
10 | ND < 2.97 | ND < 2.48 | 2.31 | ND < 4.95
SB-18
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.0 | 1.6 | 6.6 | 4.5
LV-7
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.09 | ND < 2.58 | 51.3 | ND < 5.15
5 | ND < 3.06 | 40.2 | 18.5 | 109
10 | ND < 3.03 | ND < 2.53 | 109 | ND < 5.05
SB-21
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.9 | 5.0 | 18 | 5.9
EFI4
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 137
SB-30
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.3 | 2.7 | 8.7 | 6.1
SB-29
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 2.6 | 2.1 | 15 | 47
SB-28
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.2 | 3.1 | 15 | 15
SB-27
Depth | Antimony | Arsenic | Chromium | Lead
2 | ND < 3.1 | 2.2 | 18 | 100
LV-9
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 2.93 | ND < 2.44 | 27.6 | 8.62
5 | ND < 3.00 | 30 | 13.9 | 93.1
10 | ND < 3.16 | ND < 2.63 | 66.4 | ND < 5.26
SB-26
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.9 J | 14 | 30 | 9.3
5 | -- | 6.4 | -- | --
B1
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 686
2 | -- | -- | -- | 13.1
3 | -- | -- | -- | 36.3
4 | -- | -- | -- | --
EFI1
Depth | Antimony | Arsenic | Chromium | Lead
1 to 2 | -- | -- | -- | 62.7
B2
Depth | Antimony | Arsenic | Chromium | Lead
1 | -- | -- | -- | 506
2 | -- | -- | -- | 41.6
3 | -- | -- | -- | 9.2
LV-18
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.11 | ND < 2.59 | 18.5 | 226
2.5 | ND < 3.00 | ND < 2.50 | 5.06 | ND < 5.00
5 | ND < 2.96 | ND < 2.46 | 18 | ND < 4.93
7.5 | ND < 3.16 | ND < 2.63 | 21.6 | ND < 5.26
10 | ND < 3.02 | ND < 2.51 | 22.7 | ND < 5.03
SB-25
Depth | Antimony | Arsenic | Chromium | Lead
2 | 1.6 J | 7.0 | 18 | 110
LV-10
Depth | Antimony | Arsenic | Chromium | Lead
1 | 12.5 | 3.36 | 207 | 2680
5 | ND < 3.08 | ND < 2.56 | 14.4 | ND < 5.13
10 | ND < 3.00 | ND < 2.50 | 21.3 | ND < 5.00
LV-19
Depth | Antimony | Arsenic | Chromium | Lead
1 | 2.98 | ND < 2.43 | 23 | 631
2.5 | ND < 2.93 | 5.08 | 13 | 41.7
5 | ND < 3.00 | ND < 2.50 | 13.8 | ND < 5.00
7.5 | ND < 2.88 | ND < 2.40 | 10.4 | ND < 4.81
10 | ND < 3.13 | ND < 2.60 | 67.6 | ND < 5.21
LV-20
Depth | Antimony | Arsenic | Chromium | Lead
0.5 | ND < 3.16 | ND < 2.63 | 22.2 | 125
LV-17
Depth | Antimony | Arsenic | Chromium | Lead
1 | ND < 3.06 | ND < 2.55 | 10.5 | 10.8
2.5 | ND < 2.96 | ND < 2.46 | 10.3 | 9.7
5 | ND < 3.00 | ND < 2.50 | 13.1 | ND < 5.00
7.5 | ND < 2.91 | ND < 2.43 | 8.4 | ND < 4.85
10 | ND < 2.93 | ND < 2.44 | 17.8 | ND < 4.88
EF15
EF14
EF13
EF12
EF11
HP-1
HP-2
HP4
SB-1
SB-2
SB-3
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SB-12
SB-13
SB-14
SB-15
SB-16
SB-17
SB-18
SB-19
SB-20
SB-21
SB-22
SB-23
SB-24
SB-25
SB-26
SB-27
SB-28
SB-29
SB-30
SB-31
SB-32
SB-33
LV-1
LV-2
LV-3
LV-4
LV-5
LV-6
LV-7
LV-8
LV-9
LV-10
LV-11
LV-12
LV-13
LV-14A
LV-14B
LV-15
LV-16
LV-17
LV-18
LV-19
LV-20
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15
B16
Legend
Approximate Soil Sample Location, Leighton Consulting, Inc., June 2021
Approximate Soil Sample Location, EEC Environenmental, October 2020
Approximate Soil Sample Location, EFI Global, December 2020
Structure Footprint
Approximate Site Boundary
Depth in feet below ground surface
mg/kg milligrams per kilogram
-- not analyzed
ND<3.3 not detected above the method or reporting limit
J estimated value; concentration above the method detection limit but below the reporting limit
RED Excluding arsenic, at or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019. For arsenic, the commercial/industrial soil screening level arsenic is 12 mg/kg.
Reference: Determination of a Southern California Regional Background Arsenic Concentration in Soil, California DTSC, March 2008.
Plate 1
Leighton
SELECTED CAM-17 METALS DETECTED IN SOIL SAMPLES IN MG/KG
2200 N. Rosemead Blvd., South El Monte, California
Project: 13111.001
Eng/Geol: MH/RJF
Scale: 1 " = 30 feet
Date: July 2021
Base Map: ESRI ArcGIS Online 2021
Author: Leighton Geomatics (kmanchikanti)
N
0
30
60
Feet
Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P01_SP_2021-07-13.mxd on 7/14/2021 4:28:01 PM

| SB-11 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 1,900 | ND < 250 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |
| 15 | ND < 50 | ND < 50 |

| SB-10 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 5 | ND < 50 | ND < 50 |

| B15 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 116 | ND |
| 2 | 278 | 96 |
| 3 | 265 | 117 |

| B16 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | ND |
| 3 | ND | ND |

| SB-13 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 790 | ND < 50 |

| SB-14 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 22,000 | ND < 1,200 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |
| 15 | ND < 50 | ND < 50 |

| SB-12 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 49 | ND < 49 |

| LV-11 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-12 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| SB-17 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 500 | ND < 500 |

| LV-13 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 49 | ND < 49 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B14 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 752 | 337 |
| 2 | ND | ND |
| 3 | ND | ND |

| B13 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | ND |
| 3 | ND | ND |

| B12 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 5,890 | 354 |
| 2 | ND | ND |
| 3 | ND | ND |

| LV-4 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 210 | 89 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| SB-4 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 50 | ND < 50 |

| SB-1 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 49 | ND < 49 |

| LV-1 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 51 | ND < 51 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |
| 15 | ND < 49 | ND < 49 |
| 20 | ND < 50 | ND < 50 |

| LV-14A | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 49 | ND < 49 |

| B9 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | ND |
| 3 | ND | 76 |

| SB-16 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 22,000 | ND < 1,000 |
| 5 | ND < 100 | ND < 100 |

| B11 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 162 | ND |
| 2 | ND | ND |
| 3 | ND | ND |

| SB-15 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | 290 J | ND < 50 |

| LV-3 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-14B | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 2 | 740 | 550 |

| LV-15 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 340 | 110 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B10 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 1,170 | ND |
| 2 | ND | ND |
| 3 | ND | ND |

| LV-7 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | 73 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-8 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 15,000 | 4,000 |
| 3 | 1,600 | 470 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B8 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 30,600 | 2,630 |
| 2 | ND | ND |
| 3 | ND | ND |

| B7 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | 414 |
| 3 | ND | ND |

| SB-30 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 50 | ND < 50 |

| LV-9 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 720 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-17 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| LV-16 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B6 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | 2,920 | 2,450 |
| 3 | 26,200 | 368 |
| 4 | ND | ND |

| B5 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | ND | ND |
| 3 | 906 | 129 |
| 4 | 2,210 | 181 |

| SB-27 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 510 | ND < 510 |

| LV-10 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 1,400 | 370 |
| 5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

| B4 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 73 | ND |
| 2 | 282 | ND |
| 3 | ND | ND |

| B3 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | ND | ND |
| 2 | 98 | 79 |
| 3 | 3,990 | 2,140 |
| 4 | ND | ND |

| B1 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 917 | 380 |
| 2 | 66.7 | 83.8 |
| 3 | 2,870 | 729 |
| 4 | ND | 193 |

| LV-18 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | ND < 50 | ND < 50 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 50 | ND < 50 |
| 7.5 | ND < 49 | ND < 49 |
| 10 | ND < 50 | ND < 50 |

| B2 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 1 | 436 | 216 |
| 2 | 1,020 | 1,140 |
| 3 | ND | ND |

| SB-20 | | |
|---|---|---|
| Depth | PCB1254 | PCB1260 |
| 2 | ND < 500 | ND < 500 |

| LV-20 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 0.5 | ND < 50 | ND < 50 |

| LV-19 | | |
|---|---|---|
| Depth | Aroclor-1254 | Aroclor-1260 |
| 1 | 110 | 100 |
| 2.5 | ND < 50 | ND < 50 |
| 5 | ND < 49 | ND < 49 |
| 7.5 | ND < 50 | ND < 50 |
| 10 | ND < 50 | ND < 50 |

## Legend

- Approximate Soil Sample Location, Leighton Consulting, Inc., June 2021
- Approximate Soil Sample Location, EEC Environenmental, October 2020
- Approximate Soil Sample Location, EFI Global, December 2020
- Structure Footprint
- Approximate Site Boundary
- **PCB** Polychlorinated biphenyl

| | |
|---|---|
| **Depth** | in feet below ground surface |
| **ug/kg** | micrograms per kilogram |
| **--** | not analyzed |
| **ND<3.3** | not detected above the method or reporting limit |
| **J** | estimated value; concentration above the method detection limit but below the reporting limit |

**RED** at or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019

Plate 2

Leighton

# SELECTED PCB COMPOUNDS DETECTED IN SOIL SAMPLES IN UG/KG

2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 30 feet | Date: July 2021 |

Base Map: ESRI ArcGIS Online 2021

Author: Leighton Geomatics (kmanchikanti)

N

0 30 60

Feet

© 2021 Microsoft Corporation © 2021 Maxar ©CNES (2021) Distribution Airbus DS

Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P03_SP_2021-07-13.mxd on 7/14/2021 1:11:22 AM

SB-1
SB-2
SB-3
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SB-12
SB-13
SB-14
SB-15
SB-16
SB-17
SB-18
SB-19
SB-20
SB-21
HP4
SB-22
SB-23
SB-24
HP-3
SB-25
SB-26
SB-27
SB-28
HP-2
SB-29
HP-1
SB-30
SB-32
SB-31
SB-33

SB-14

| Depth | PCE | 1,2,4-TMB | TPH-g | TPH-d |
|---|---|---|---|---|
| 2 | 18 | ND < 6.0 | ND < 10 | 1,400 |
| 5 | 32 | 12 | ND < 10 | ND < 10 |

SB-16

| Depth | PCE | 1,2,4-TMB | TPH-g | TPH-d |
|---|---|---|---|---|
| 2 | 1.9 J | 15 | ND < 10 | 4,900 |
| 5 | ND < 4.7 | 0.92 J | ND < 10 | ND < 10 |

SB-21

| Depth | PCE | 1,2,4-TMB | TPH-g | TPH-d |
|---|---|---|---|---|
| 2 | ND < 5.0 | 0.8 J | ND < 10 | 35 |
| 5 | 4,100 | 13,000 | 240 | 1,500 |
| 10 | 0.3 J | 1.0 J | ND < 10 | 9.7 J |

SB-23

| Depth | PCE | 1,2,4-TMB | TPH-g | TPH-d |
|---|---|---|---|---|
| 2 | 69 J | 33,000 | 2,600 | 8,500 |
| 5 | ND < 5.7 | ND < 5.7 | ND < 9.9 | 4.5 J |

**Legend**

- Approximate Soil Sample Location, EEC Environenmental, October 2020
- Structure Footprint
- Approximate Site Boundary
- **PCE** Tetrachloroethene
- **1,2,4-TMB** 1,2,4- Trimethylbenzene
- **TPH-g** Total Petroleum Hydrocarbons Gasoline Range
- **TPH-d** Total Petroleum Hydrocarbons Diesel Range
- **Depth** in feet below ground surface
- **ug/kg** micrograms per kilogram
- **--** not analyzed
- **ND<3.3** not detected above the method or reporting limit
- **J** estimated value; concentration above the method detection limit but below the reporting limit
- **RED** at or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019.

Plate 3

Leighton

SELECTED VOLATILE ORGANIC COMPOUNDS **IN UG/KG AND TPH IN MG/KG** DETECTED IN SOIL SAMPLES
2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 30 feet | Date: June 2021 |

Base Map: ESRI ArcGIS Online 2021
Author: Leighton Geomatics (kmanchikanti)

N

0 30 60
Feet

© 2020 Maxar Technologies © 2020 Nearmap © 2020 TomTom © 2021 Microsoft Corporation

Map Saved as V:\Drafting\13111\001\Maps\13111-001_P02_SP_2021-06-09.mxd on 6/14/2021 8:34:27 AM

SB-9

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 130 | 200 | ND | ND |
| 15 | 87 | 390 | 1.7 J | 1.2 J |

SB-8

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 190 | 280 | 16 | 24 |
| 15 | 170 | 1,300 | ND | 12 J |

SB-17

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 740 | 2,400 | 190 | 2,700 |
| 15 | 120 | 190 | 24 | 46 J |

SB-10

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 200 | 1,300 | 100 | ND |
| 15 | 250 | 2,800 | 29 J | 1,700 |

SB-13

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 280 | 1,300 | ND | 620 |
| 15 | 270 | 1,700 | ND | 470 |

SB-14

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 360 | 820 | 95 | 5.0 J |
| 15 | 120 | 3,300 | 6.7 | 5.9 J |

SB-16

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 110 | 660 | 170 | 17 J |
| 15 | 100 J | 1,200 | 54 | 2,000 |

SB-15

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 230 | 87 J | ND | 1,100 |
| 15 | 260 | 140 | ND | 5.8 J |

SB-2

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 68 | 50 | 4.7 | 5.3 |
| 15 | 29 J | 49 J | 22 J | 1,200 |

SB-5

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 350 | 150 | ND | ND |
| 15 | 460 | 460 | ND | 2.0 J |

SB-18

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 980 | 2,200 | ND | 1,400 |
| 15 | 2,200 | 2,500 | 57 J | 1,000 |

SB-33

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 300 | 19 | 9.1 | 4.8 J |
| 15 | 5,100 | 980 | 29 | 10 J |

SB-30

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 1,300 | 330 | ND | 12 J |
| 15 | 100,000 | ND | 160 J | 38,000 |

HP-1

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 10,000 | 1,600 | 12 | NA |
| 15/DUP | 13,000/13,000 | 2,500/2,500 | 5.6 / 4.4 | NA |
| 30 | 6,900 | 2,000 | 4.6 | NA |
| 40 | 1,400 | 1,000 | 6.8 | NA |

SB-29

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 5,500 | 1,300 | 67 | 25,000 |
| 15 | 5,200 J | 4,500 J | 3,400 J | 41,000 |

HP-2

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 18,000 | 3,600 | 13 | NA |
| 15 | 30,000 | 7,900 | 5.2 | NA |
| 30 | 25,000 | 8,600 | 4.4 | NA |
| 40 | 7,400 | 6,500 | 5.0 | NA |

SB-28

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 2,200 | 850 | 100 | 22,000 |
| 15 | 32,000 | 8,300 | ND | 66,000 |

SB-27

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 390 | 2,500 | 14 | ND |
| 15 | 6,300 | 5,400 | 35 B,J | 6,200 |

SB-26

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 10,000 | 1,000 | ND | 1,500 |
| 15 | 41,000 | 8,500 | ND | 980 J |

HP-3

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 10,000 | 1,500 | 7.2 | NA |
| 15 | 11,000 | 3,000 | ND<2.2 | NA |
| 30 | 8,300 | 2,800 | 14 | NA |
| 40 | 5,900 | 3,700 | 17 | NA |

HP-4

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 5,900 | 2,200 | 1,800 | NA |
| 15/DUP | 180 /220 | 84/100 | 30/26 | NA |
| 30 | 93 | 160 | 7.8 | NA |
| 40 | 190 | 170 | 7.0 | NA |

SB-21

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 4,000 | 6,000 | 3,700 | 3,500 |
| 15 | 820 | 290 J | 210 | 9,300 |

SB-23

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 59 | 22 | 48 | 7.7 J |
| 15 | 360 | 420 | ND | 6.4 J |

SB-22

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | ND | 320 J | ND | 5,600 |
| 15 | 530 | 2,100 | ND | 5.4 J |

SB-24

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 580 | 20 | 19 | ND |
| 15 | 980 | 120 | ND | ND |

SB-20

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | ND | 330 J | 120 J | 1,400 |
| 15 | ND | 100 J | ND | 1,100 |

SB-25

| Depth | PCE | TCE | Benzene | Methylene Chloride |
|---|---|---|---|---|
| 5 | 150 | 6.9 | 4.9 | 5.4 |
| 15 | 680 | 71 | 2.5 J | ND |

## Legend

- Approximate Soil Sample Location, EEC Environenmental, October 2020
- Structure Footprint
- Approximate Site Boundary
- **PCE** Tetrachloroethene
- **TCE** Trichloroethene

**Depth** in feet below ground surface

**ug/m$^3$** micrograms per cubic meter

**--** not analyzed

**ND<3.3** not detected above the method or reporting limit

**J** estimated value; concentration above the method detection limit but below the reporting limit

**RED** At or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019

Plate 4

Leighton

# SELECTED VOLATILE ORGANIC COMPOUNDS DETECTED IN SOIL VAPOR SAMPLES IN µg/m3 BY EEC IN OCTOBER 2020

2200 N. Rosemead Blvd., South El Monte, California

| | |
|---|---|
| Project: 13111.001 | Eng/Geol: MH/RJF |
| Scale: 1 " = 30 feet | Date: July 2021 |

Base Map: ESRI ArcGIS Online 2021

Author: Leighton Geomatics (kmanchikanti)

N

0 30 60

Feet

© 2021 Maxar Geospatial © 2021 Maxar GEOEye (2021) Microsoft Azure

Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P04_SP_2021-07-13.mxd on 7/14/2021 12:55:08 PM

LV-2

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 20 | 140 | 350 | 40 | ND < 100 |
| 35 | 120 | 340 | 60 | ND < 100 |

LV-1

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 20 | 120 | 430 | ND < 100 | ND < 100 |
| 35 | 32 | 390 | ND < 100 | ND < 100 |

LV-3

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 10 | 230 | 1,100 | 2,700 | 5,500 |
| 15 | 230 | 1,500 | 4,200 | 9,700 |
| 35 | 400 | 270 | 2,900 | 11,000 |

LV-5

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 20 | 1,500 | 640 | ND < 100 | ND < 100 |
| 34 | 330 | 790 | ND < 100 | 380 |

LV-6

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 20 | 710 | 580 | 230 | 200 |
| 35 | 88 | 840 | 590 | 970 |

LV-9

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 6 | 3,500 | 530 | 110 | ND < 100 |
| 6-D | 4,100 | 640 | 120 | ND < 100 |
| 15 | 6,800 | 2,900 | 1,400 | 280 |
| 35 | ND < 20 | 600 | 2,400 | 6,800 |

LV-7

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 7 | 350 | 580 | 650 | ND < 100 |
| 15 | 570 | 1,400 | 2,300 | 360 |
| 15-D | 630 | 1,500 | 2,900 | 450 |
| 35 | 38 | 830 | 3,600 | 3,800 |

LV-4

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 5 | 450 | 3,800 | 1,400 | 250 |
| 14 | ND < 20 | 10,000 | 1,800 | 6,500 |
| 35 | ND < 20 | 31 | 3,000 | 16,000 |

LV-8

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 5 | 82 | 390 | 2,100 | 540 |
| 15 | 44 | 1,000 | 6,500 | 6,400 |
| 35 | ND < 20 | 170 | 5,300 | 5,800 |

LV-10

| Depth | PCE | TCE | 1,1-DCA | CIS-1,2-DCE |
|---|---|---|---|---|
| 6 | 6,000 | 210 | ND < 100 | ND < 100 |
| 15 | 2,300 | 330 | 170 | ND < 100 |
| 35 | 250 | 550 | 1,400 | 220 |

LV-1 LV-2 LV-3 LV-4 LV-5 LV-6 LV-7 LV-8 LV-9 LV-10 LV-11 LV-12 LV-13 LV-14A LV-14B LV-15 LV-16 LV-17 LV-18 LV-19 LV-20

## Legend

- ▲ Approximate Soil Sample Location, Leighton Consulting, Inc., June 2021
- Structure Footprint
- Approximate Site Boundary
- **PCE** Tetrachloroethene
- **TCE** Trichloroethene
- **1,1-DCA** 1,1-Dichloroethane
- **cis-1,2-DCE** cis-1,2-Dichloroethene
- **RED** At or exceeds San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (ESLs) for Commercial/Industrial Soils, 2019

- **Depth** in feet below ground surface
- **ug/m$^3$** micrograms per cubic meter
- **--** not analyzed
- **ND<3.3** not detected above the method or reporting limit
- **J** estimated value; concentration above the method detection limit but below the reporting limit

Plate 5

Leighton

SELECTED VOLATILE ORGANIC COMPOUNDS IN µg/m3 DETECTED IN LEIGHTON SOIL VAPOR SAMPLES, JUNE 2021
2200 N. Rosemead Blvd., South El Monte, California

| Project: 13111.001 | Eng/Geol: MH/RJF |
|---|---|
| Scale: 1 " = 30 feet | Date: July 2021 |

Base Map: ESRI ArcGIS Online 2021
Author: Leighton Geomatics (kmanchikanti)

N

0 30 60
Feet

© 2021 Maxar Geospatial © 2021 Esri (USGS, 2021) Microsoft Azure Bing

Map Saved as V:\Drafting\13111\001\Maps\July2021\13111-001_P05_SP_2021-07-13.mxd on 7/14/2021 12:56:23 PM

# APPENDIX A

# MARCH 17, 1998 LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD NO FURTHER REQUIREMENTS LETTER

Leighton

NFR

Cal/EPA

Pete Wilson
*Governor*

**Los Angeles Regional Water Quality Control Board**

101 Centre Plaza Drive
Monterey Park, CA
91754-2156
(213) 266-7500
FAX (213) 266-7600

March 17, 1998

Mr. Gary Mearns
Former Pacific Coast Drum Co.
P.O. Box 3593
South El Monte, CA 91733

SAN GABRIEL VALLEY CLEANUP PROGRAM - NO FURTHER REQUIREMENTS, FORMER PACIFIC COAST DRUM CO., 2200 ROSEMEAD BLVD., SOUTH EL MONTE, CA (FILE NO. 107.0266)

Recent review of files and documents pertaining to this case revealed the following:

1. Based on past inspections by Regional Board staff, areas of concern at the site included: 1) a former gasoline underground storage tank (UST); 2) a drum storage area along the eastern portion of the site; 3) a drum storage area along the southern portion of the site; 4) one clarifier and three sumps; and 5) a drum storage area in the northeast corner of the site.

2. The 12,000-gallon UST was removed and closed by Los Angeles County Department of Public Works in October 1986.

3. In November 1988, a soil assessment was performed and results were submitted by Conservtech in a report dated December 5, 1988. Three borings to a maximum depth of 50 feet below ground surface (bgs) were drilled near the clarifier and sumps area. Maximum concentrations of acetone (1,150 ug/kg) were detected to five feet bgs; and TPH (60 mg/kg) was detected to 40 feet bgs. Two borings were converted to monitoring wells (MW-1 and 2).

4. In August 1990, one monitoring well (MW-3) was installed in the former drum storage area in the northeast corner of the site, and results were submitted by Conservtech in a report dated September 4, 1990. Maximum concentrations of 1,2-DCA (780 ug/kg) and methylene chloride (900 ug/kg) were detected in soil to 30 feet bgs.

5. In September 1991, a soil gas survey was performed and results were submitted by Inland Empire Environmental Service in a report dated October 7, 1991. A total of eighty-five (85) 5-foot probes were installed. Low concentrations of methane and vinyl chloride were detected in the probes. However, QA/QC problems were found in the survey data and results are questionable.

6. In August 1994, a soil assessment was performed and results were submitted by Conservtech in a report dated January 12, 1995. A total of sixteen (16) 10-foot borings were drilled in the entire site. Maximum concentrations of 1,1-DCA (5 ug/kg), PCE (150 ug/kg), and TCE (20 ug/kg) were detected to five feet bgs near the **sumps and clarifier area**.

7. In March 1995, a soil gas survey was performed and results were submitted by EST in a report dated April 5, 1995. Four nested probes, each with probes at 1, 15, and 25 feet bgs, were installed near the **sumps and clarifier area**. Maximum concentrations of 1,1-DCA (50 ug/l), c-1,2-DCE (55 ug/l), PCE (134 ug/l), and TCE (38 ug/l) were detected in the probes.

8. In August 1995, a soil gas survey was performed and results were submitted by EST in a report dated September 6, 1995. Four nested probes, each with probes at 1, and 15 feet bgs, were installed in the **former drum storage area to the northeast corner of the site**. Maximum concentrations of DCE (12 ug/l), PCE (241 ug/l) and TCE (21 ug/l) were detected in the probes.

9. In January 1996, a soil gas survey was performed and results were submitted by EST in a report dated February 14, 1996. Four nested probes, each with probes at 1, and 15 feet bgs, were installed in the **former drum storage area to the northeast corner of the site**. Maximum concentrations of BTEX (466 ug/l of total xylenes), PCE (117 ug/l) and TCE (14 ug/l) were detected in the probes.

10. Between April 18, 1997 and January 29, 1998, a total of four nested probes, each with probes at approximately 15 and 20 feet bgs, were sampled to monitor the trend of VOC vapor concentrations in the vadose zone. Based on a total of four sets of vapor monitoring data, PCE, the compound detected at the highest concentrations, reduced from 241 ug/l to 38 ug/l and became stabilized over the monitoring period.

11. Three monitoring wells have been installed and sampled seven times since September 1990. Maximum concentrations of 1,1-DCA (592 ug/l), 1,1-DCE (28 ug/l), 1,2-DCE (1,050 ug/l), PCE (285 ug/l), TCA (89 ug/l), and TCE (215 ug/l) were detected in the groundwater. Highest VOC concentrations were detected in the monitoring well near the **sumps and clarifier area** (MW-2). Depth to groundwater was measured in February 1997 at approximately 21 feet bgs.

12. The subject facility has been notified by the United States Environmental Protection Agency (USEPA) to join the regional groundwater cleanup program.

The above site assessment data demonstrated that releases of liquid wastes from the subject site impacted the soil and groundwater beneath the site. A soil cleanup was not required. Instead, four nested soil vapor probes were sampled four times between April 1997 and January 1998 to monitor the trend of VOC vapor concentrations in the vadose zone between over a year. Such monitoring data suggested that residual VOC concentrations in the vadose zone stabilized or declined over the monitoring period. Therefore, we do not believe that further vapor monitoring is warranted. To date, the subject site has completed Regional Board staff requirements and we will not require any further remedial and investigative work with regarding to the soil contamination.

**Because past operations have impacted groundwater beneath this facility, you remain a potentially responsible party for the regional groundwater cleanup which is being led by USEPA. This Regional Board encourages you to continue to participate and cooperate in the ongoing regional groundwater cleanup. Sampling of the three existing groundwater monitoring wells required by this Regional Board can be discontinued. However, all monitoring wells must be properly maintained and made available for possible future sampling that may be required by USEPA.**

The jurisdiction requirements of other agencies, such as the USEPA, are not affected by this Regional Board's "no further requirement" decision. Such agencies may choose to make their own decisions regarding the groundwater contamination in the region.

ARTHUR G. HEATH, Ph.D.
Environmental Specialist IV

cc: Ms. Bella Dizon, U.S. EPA, Region IX

# APPENDIX B

# HISTORICAL DATA TABLES

Leighton

**Table C1.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - METALS
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | STLC Chromium (mg/L) | TCLP Chromium (mg/L) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | STLC Copper (mg/L) | Total Lead (mg/Kg) | STLC Lead (mg/L) | TCLP Lead (mg/L) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | | | | | | USEPA 7471A |
| *SFBRWQCB Commercial Screening Level (a)* | | | | *160* | *12 (b)* | *220,000* | *6,900* | *4,000* | *1,800,000* | | | *6,200* | *1,900* | *47,000* | | *380* | | | *5,800* | *64,000* | *5,800* | *5,800* | *12* | *5,800* | *350,000* | *190* |
| *STLC (mg/L)* | | | | | | | | | | *5* | | | | | *25* | | | | | | | | | | | |
| *TCLP (mg/L)* | | | | | | | | | | | *5* | | | | | | | *5* | | | | | | | | |
| *TTLC (mg/kg)* | | | | *500* | *500* | *10,000* | *75* | *100* | *2,500* | | | | *8,000* | *2,500* | | *1000* | | | *3,500* | *2,000* | *100* | *500* | *700* | *2,400* | *5,000* | *20* |
| SB-1 | 2 | 8/22/2020 | EEC | 1.8 J | 11 | 200 | 0.60 | <0.51 | 27 | -- | -- | -- | 13 | 73 | -- | 18 | -- | -- | 0.98 J | 22 | <3.0 | <0.51 | <3.0 | 49 | 74 | <0.13 |
| SB-2 | 2 | 8/22/2020 | EEC | <3.1 | 6.8 | 140 | 0.53 | <0.51 | 18 | -- | -- | -- | 8.7 | 28 | -- | 8.1 | -- | -- | <1.0 | 14 | <3.1 | <0.51 | <3.1 | 38 | 48 | 0.38 |
| SB-3 | 2 | 8/21/2020 | EEC | 1.8 J | 9.6 | 230 | 0.68 | <0.51 | 33 | -- | -- | -- | 15 | 39 | -- | 10 | -- | -- | <1.0 | 28 | <3.1 | <0.51 | <3.1 | 53 | 80 | 0.066 J |
| SB-4 | 2 | 8/21/2020 | EEC | 1.9 J | 7.4 | 200 | 0.64 | <0.51 | 32 | -- | -- | -- | 14 | 42 | -- | 10 | -- | -- | <1.0 | 26 | <3.0 | <0.51 | <3.0 | 50 | 75 | 0.055 J |
| SB-5 | 2 | 8/21/2020 | EEC | <2.9 | 8.6 | 160 | 0.47 J | <0.51 | 24 | -- | -- | -- | 10 | 30 | -- | 7.2 | -- | -- | <0.97 | 20 | <2.9 | <0.49 | <2.9 | 41 | 54 | 0.069 J |
| SB-6 | 2 | 8/22/2020 | EEC | <2.8 | 3.3 | 79 | 0.26 J | <0.46 | 12 | -- | -- | -- | 6.4 | 20 | -- | 6.2 | -- | -- | 0.87 J | 9.5 | <2.8 | <0.46 | <2.8 | 25 | 37 | <0.13 |
| SB-7 | 2 | 8/22/2020 | EEC | <3.0 | 3.9 | 74 | 0.50 | <0.50 | 12 | -- | -- | -- | 5.5 | 9.9 | -- | 4.8 | -- | -- | <0.99 | 7.8 | <3.0 | <0.50 | <3.0 | 33 | 33 | 0.050 J |
| SB-8 | 2 | 8/21/2020 | EEC | 1.7 J | 4.6 | 170 | 0.37 J | <0.49 | 20 | -- | -- | -- | 9.3 | 43 | -- | 25 | -- | -- | <0.97 | 16 | <2.9 | <0.49 | <2.9 | 37 | 65 | 0.14 |
| SB-9 | 2 | 8/21/2020 | EEC | <3.0 | 5.4 | 190 | 0.66 | <0.50 | 30 | -- | -- | -- | 13 | 36 | -- | 8.5 | -- | -- | <0.99 | 23 | <3.0 | <0.50 | <3.0 | 49 | 69 | 0.063 J |
| SB-10 | 5 | 8/21/2020 | EEC | 2.7 J | 18 | 170 | 0.55 | <0.46 | 25 | -- | -- | -- | 10 | 24 | -- | 8.4 | -- | -- | <0.93 | 18 | <2.8 | <0.46 | <2.8 | 47 | 60 | <0.13 |
| | 10 | 8/21/2020 | EEC | -- | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | EEC | 19 | 6.4 | 180 | 0.34 J | 1.0 | 88 | -- | -- | -- | 10 | 61 | -- | 2,400 | -- | -- | 11 | 15 | <2.8 | 0.28 J | <2.8 | 37 | 160 | 0.86 |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | EEC | 1.7 J | 6.6 | 200 | 0.55 | <0.50 | 26 | -- | -- | -- | 13 | 30 | -- | 8.3 | -- | -- | 0.80 J | 21 | <3.0 | <0.50 | <3.0 | 47 | 65 | 0.074 J |
| SB-13 | 2 | 8/21/2020 | EEC | 29 | 7.9 | 310 | 0.42 J | 0.81 | 110 | -- | -- | -- | 8.1 | 54 | -- | 2,300 | -- | -- | 18 | 16 | <3.2 | 1.4 | <3.2 | 28 | 110 | 0.33 |
| | 15 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-14 | 5 | 8/21/2020 | EEC | <2.8 | 9.7 | 150 | 0.47 | <0.47 | 23 | -- | -- | -- | 9.9 | 25 | -- | 31 | -- | -- | <0.94 | 17 | <2.8 | <0.47 | <2.8 | 39 | 52 | <0.12 |
| SB-15 | 2 | 8/22/2020 | EEC | 4.8 | 7.9 | 110 | 0.23 J | 0.98 | 38 | -- | -- | -- | 7.2 | 38 | -- | 390 | -- | -- | 4.0 | 17 | <3.2 | 0.90 | <3.2 | 24 | 140 | 0.32 |
| | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | EEC | 13 | 8.1 | 2,200 | 0.32 J | 15 | 2,000 | -- | -- | -- | 31 | 230 | -- | 13,000 | -- | -- | 91 | 36 | <3.1 | 0.34 J | <3.1 | 31 | 1,100 | 1.1 |
| | 5 | 8/21/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-17 | 2 | 8/22/2020 | EEC | 1.6 | 4.8 | 130 | 0.40 J | <0.49 | 19 | -- | -- | -- | 9.7 | 35 | -- | 11 | -- | -- | 5.8 | 16 | <2.9 | <0.49 | <2.9 | 38 | 58 | 0.047 J |
| | 5 | 8/22/2020 | EEC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | EEC | <3.0 | 1.6 | 29 | 0.19 J | <0.50 | 6.6 | -- | -- | -- | 3.8 | 8.9 | -- | 4.5 | -- | -- | <1.0 | 5.0 | <3.0 | <0.50 | <3.0 | 19 | 24 | 0.076 J |
| SB-19 | 2 | 8/21/2020 | EEC | 79 | 21 | 840 | 0.28 J | 4.0 | 5,100 | -- | -- | -- | 35 | 920 | -- | 26,000 | -- | -- | 480 | 120 | <2.8 | <0.47 | 1.6 J | 12 | 830 | 2.3 |
| | 5 | 8/21/2020 | EEC | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | EEC | 6.9 | 3.2 | 400 | 0.20 J | 0.13 J | 28 | -- | -- | -- | 6.5 | 23 | -- | 520 | -- | -- | 5.0 | 8.6 | <3.1 | <0.51 | <3.1 | 25 | 74 | 0.081 J |
| | 5 | 8/21/2020 | EEC | | | | | | | -- | -- | -- | | | -- | 7.8 | | | | | | | | | | |
| SB-21 | 2 | 8/21/2020 | EEC | <2.9 | 5.0 | 110 | 0.38 J | <0.48 | 18 | -- | -- | -- | 8.3 | 18 | -- | 5.9 | -- | -- | <0.96 | 14 | <2.9 | <0.48 | <2.9 | 36 | 43 | <0.14 |
| SB-22 | 2 | 8/21/2020 | EEC | <2.8 | 3.3 | 110 | 0.19 J | 0.19 J | 13 | -- | -- | -- | 6.1 | 18 | -- | 50 | -- | -- | <0.94 | 8.4 | <2.8 | <0.47 | <2.8 | 24 | 45 | 0.055 J |
| SB-23 | 2 | 8/21/2020 | EEC | 730 | 23 | 280 | 0.40 J | 5.0 | 180 | -- | -- | -- | 17 | 110 | -- | 4,100 | -- | -- | 36 | 26 | <2.8 | 0.59 | <2.8 | 26 | 540 | 0.91 |
| | 5 | 8/21/2020 | EEC | 1.7 J | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | EEC | 4.0 | 5.3 | 110 | 0.37 J | <0.46 | 17 | -- | -- | -- | 7.8 | 22 | -- | 140 | -- | -- | <0.93 | 13 | <2.8 | <0.46 | <2.8 | 35 | 66 | 0.041 J |
| SB-25 | 2 | 8/21/2020 | EEC | 1.6 J | 7.0 | 110 | 0.37 J | <0.47 | 18 | -- | -- | -- | 8.4 | 23 | -- | 110 | -- | -- | <0.93 | 14 | <2.8 | <0.47 | <2.8 | 37 | 100 | 0.097 J |
| SB-26 | 2 | 8/21/2020 | EEC | 1.9 J | 14 | 270 | 0.65 | <0.50 | 30 | -- | -- | -- | 14 | 34 | -- | 9.3 | -- | -- | <0.99 | 24 | <3.0 | <0.50 | <3.0 | 54 | 72 | 0.051 J |
| | 5 | 8/21/2020 | EEC | -- | 6.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | EEC | <3.1 | 2.2 | 77 | 0.18 J | 0.12 J | 18 | -- | -- | -- | 5.2 | 15 | -- | 100 | -- | -- | 0.70 J | 14 | <3.1 | 5.1 | <3.1 | 25 | 77 | 0.080 J |
| SB-28 | 2 | 8/21/2020 | EEC | <3.2 | 3.1 | 76 | 0.48 J | <0.53 | 15 | -- | -- | -- | 4.9 | 11 | -- | 15 | -- | -- | 0.94 J | 9.3 | <3.2 | <0.53 | <3.2 | 31 | 34 | 0.11 J |
| SB-29 | 2 | 8/21/2020 | EEC | <2.6 | 2.1 | 74 | 0.16 J | <0.44 | 15 | -- | -- | -- | 4.5 | 9.3 | -- | 47 | -- | -- | <0.88 | 14 | <2.6 | 0.20 J | <2.6 | 27 | 46 | 0.048 J |
| SB-30 | 2 | 8/22/2020 | EEC | <3.3 | 2.7 | 59 | 0.25 J | <0.56 | 8.7 | -- | -- | -- | 3.8 | 9.8 | -- | 6.1 | -- | -- | <0.66 | 7.0 | <3.3 | <3.3 | <3.3 | 20 | 27 | <0.12 |
| SB-31 | 2 | 8/22/2020 | EEC | <2.6 | 5.0 | 85 | 0.67 | <0.43 | 19 | -- | -- | | 9.3 | 32 | -- | 19 | -- | -- | <0.86 | 15 | <2.6 | <0.43 | <2.6 | 44 | 63 | 0.058 J |
| SB-32 | 2 | 8/22/2020 | EEC | <3.3 | 4.3 | 87 | 0.36 J | <0.56 | 12 | -- | -- | | 6.7 | 19 | -- | 12 | -- | -- | <1.1 | 14 | <3.3 | <0.56 | <3.3 | 34 | 49 | 0.055 J |
| SB-33 | 2 | 8/22/2020 | EEC | <2.7 | 6.9 | 170 | 0.55 | <0.45 | 24 | -- | -- | | 11 | 47 | -- | 12 | -- | -- | <0.89 | 18 | <2.7 | <0.45 | <2.7 | 45 | 68 | <0.13 |
| EFI1-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 62.7 | 3.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI2-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 791 | 18.7 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI3-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI4-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 137 | 27.4 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| EFI5-S-1-2 | 1 to 2 | 11/13/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 686 | 57.8 | 2.05 | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 13.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 36.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 506 | 10.4 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 41.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 702 | 758.0 | 27.2 | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 57.2 | 6.51 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 71 | 0.685 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 34.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92.4 | 66.2 | 2.57 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 19,900 | -- | 8.32 | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 20.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 662 | 1170 | 78.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97.3 | 3.93 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 668 | 16.2 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 23.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 15.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9,790 | -- | 1.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 111 | 1.75 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Table C1.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - METALS
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Sample Date | Consultant | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | STLC Chromium (mg/L) | TCLP Chromium (mg/L) | Hexavalent-Chromium (ug/kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | STLC Copper (mg/L) | Total Lead (mg/Kg) | STLC Lead (mg/L) | TCLP Lead (mg/L) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | USEPA 6010B | | | | | | | | | | | | | | | | | | | | | | USEPA 7471A |
| *SFBRWQCB Commercial Screening Level (a)* | | | | *160* | *12 (b)* | *220,000* | *6,900* | *4,000* | *1,800,000* | | | *6,200* | *1,900* | *47,000* | | *380* | | | *5,800* | *64,000* | *5,800* | *5,800* | *12* | *5,800* | *350,000* | *190* |
| *STLC (mg/L)* | | | | | | | | | | *5* | | | | | *25* | | | | | | | | | | | |
| *TCLP (mg/L)* | | | | | | | | | | | *5* | | | | | | | *5* | | | | | | | | |
| *TTLC (mg/kg)* | | | | *500* | *500* | *10,000* | *75* | *100* | *2,500* | | | | *8,000* | *2,500* | | *1000* | | | *3,500* | *2,000* | *100* | *500* | *700* | *2,400* | *5,000* | *20* |
| B9-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | 32.5 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 24.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 170 | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 4,470 | -- | 3.79 | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 52.8 | 315 | 24.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1,210 | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 775 | 4.43 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 473 | 14.1 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 61.5 | ND | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2,330 | -- | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 306 | 14.8 | ND | -- | -- | -- | -- | -- | -- | -- | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-1 | 1 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 39.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 14.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Notes:
-- = not analyzed
(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
(b) = Department of Toxic Substances Control (DTSC) Screening Level for Industrial Soils; June 2020
J = Estimated value; concentration above the method detection limit but below the reporting limit
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
< 2.6 = not detected above the method detection limit or reporting limit
EEC = EEC Environmental

EFI = EFI Global
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure
RED = Exceeds Commercial Screening Level for Soil
= Manage corresponding sample as Non-RCRA Hazardous Waste
= Manage corresponding sample as RCRA Hazardous Waste

**Table C2.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - POLYCHLORINATED BIPHENYLS in µg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* |
| SB-1 | 2 | 8/22/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-4 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-10 | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-11 | 2 | 8/21/2020 | EEC | <250 | <250 | <250 | <250 | <250 | **1,900** | <250 | <250 | <250 |
| | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 15 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-12 | 2 | 8/21/2020 | EEC | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 | <49 |
| SB-13 | 2 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 790 H | <50 | <50 | <50 |
| SB-14 | 2 | 8/21/2020 | EEC | <1,200 | <1,200 | <1,200 | <1,200 | <1,200 | **22,000** | <1,200 | <1,200 | <1,200 |
| | 5 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 10 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| | 15 | 8/21/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| SB-15 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | 290 J | <50 | <50 | <50 |
| SB-16 | 2 | 8/21/2020 | EEC | <1,000 | <1,000 | <1,000 | <1,000 | <1,000 | **22,000 H** | <1,000 | <1,000 | <1,000 |
| | 5 | 8/21/2020 | EEC | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| SB-17 | 2 | 8/22/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-20 | 2 | 8/21/2020 | EEC | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 | <500 |
| SB-27 | 2 | 8/21/2020 | EEC | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 | <510 |
| SB-30 | 2 | 8/22/2020 | EEC | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 |
| B1-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 917 | 380 | ND | -- |
| B1-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 66.7 | 83.8 | ND | -- |
| B1-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **2,870** | 729 | ND | -- |
| B1-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 193 | ND | -- |
| B2-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 436 | 216 | ND | -- |
| B2-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **1,020** | **1,140** | ND | -- |
| B2-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B3-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 98.2 | 78.6 | ND | -- |
| B3-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **3,990** | **2,140** | ND | -- |
| B3-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B4-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 72.5 | ND | ND | -- |
| B4-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 282 | ND | ND | -- |
| B4-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B5-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 906 | 129 | ND | -- |
| B5-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **2,210** | 181 | ND | -- |
| B6-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B6-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **2,920** | **2,450** | ND | -- |
| B6-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **26,200** | 368 | ND | -- |
| B6-S-4 | 4 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B7-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 414 | ND | -- |
| B7-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **30,600** | **2,630** | ND | -- |
| B8-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B8-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B9-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | 75.7 | ND | -- |
| B10-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **1,170** | ND | ND | -- |
| B10-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B10-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 162 | ND | ND | -- |
| B11-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B11-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | **5,890** | 354 | ND | -- |
| B12-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B12-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B13-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 752 | 337 | ND | -- |
| B14-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B14-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |

**Table C2.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - POLYCHLORINATED BIPHENYLS in µg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring Number | Sample Depth (feet bgs) | Sample Date | Consultant | Aroclor-1016 | Aroclor-1221 | Aroclor-1232 | Aroclor-1242 | Aroclor-1248 | Aroclor-1254 | Aroclor-1260 | Aroclor-1262 | Aroclor-1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***SFBRWQCB Commercial Screening Levels [a]*** | | | | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** | ***940*** |
| | | | | | | | | | | | | |
| B15-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 116 | ND | ND | -- |
| B15-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 278 | 96.4 | ND | -- |
| B15-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | 265 | 117 | ND | -- |
| | | | | | | | | | | | | |
| B16-S-1 | 1 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-2 | 2 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |
| B16-S-3 | 3 | 11/20/2020 | EFI | ND | ND | ND | ND | -- | ND | ND | ND | -- |

Key:
-- = not analyzed
(a) = San Francisco Bay Regiol Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.
J = Estimated value; concentration above the method detection limit but below the reporting limit
ug/kg = micrograms per kilogram
< 50 or ND = not detected above the method detection limit or reporting limit
EEC = EEC Environmental
EFI = EFI Global
**RED** = at or exceeds commercial ESL

**TABLE C3.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/kg and TOTAL PETROLEUM HYDROCARBONS (TPH) in mg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| ***SFBRWQCB Commercial Screening Levels [a]*** | | | | ***2,700*** | ***6,100*** | ***85,000*** | ***600,000*** | ***350,000*** | ***150*** | ***1,400*** | ***5,300,000*** | ***26,000*** | ***2,500,000*** | ***11,000*** | ***1,510,000*** | ***16,000*** | ***670,000,000*** | ***30,000*** | ***200,000,000*** | ***9,900,000*** | ***140,000,000*** | ***210,000*** | ***17,000*** | --- | ***2,000*** | ***1,200*** | ***180,000*** |
| HP-1 | 10 | 9/18/2020 | EEC | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 3.3 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 4.2 J | 0.64 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 0.99 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | <110 | <5.4 | <5.4 | <5.4 | <5.4 | Methylene Chloride = 3.7 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 1.8 J | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | 0.32 J | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | <6.1 | <120 | <6.1 | <120 | <6.1 | <6.1 | <6.1 | <6.1 | Methylene Chloride = 2.8 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | <96 | <4.8 | <4.8 | <4.8 | <4.8 | Methylene Chloride = 2.6 B,J | -- | -- | -- |
| HP-2 | 10 | 9/18/2020 | EEC | 5.3 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | <91 | <4.5 | <4.5 | <4.5 | <4.5 | Methylene Chloride = 2.7 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 3.1 J | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | <120 | <5.8 | <120 | <5.8 | <5.8 | <5.8 | <5.8 | Methylene Chloride = 2.4 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 1.6 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | 0.52 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | <110 | <5.4 | <5.4 | <5.4 | <5.4 | Methylene Chloride = 2.5 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | 1.9 J | 2.0 J | 3.3 J | <5.1 | <5.1 | <5.1 | 0.29 J | 0.98 J | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | <100 | <5.1 | <100 | <5.1 | <5.1 | <5.1 | <5.1 | Methylene Chloride = 2.1 B,J | -- | -- | -- |
| HP-3 | 10 | 9/18/2020 | EEC | 14 | 1.7 J | <6.6 | <6.6 | <6.6 | <6.6 | 1.0 J | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <6.6 | <130 | <6.6 | <130 | <6.6 | <6.6 | <6.6 | <6.6 | Methylene Chloride = 1.8 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | 1.1 J | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 1.6 B,J | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | 0.74 J | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | <110 | <5.6 | <110 | <5.6 | <5.6 | <5.6 | <5.6 | Methylene Chloride = 1.7 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | 2.9 J | 15 | 5.7 | 0.30 J | <4.1 | <4.1 | 0.83 J | <4.1 | <4.1 | <4.1 | <4.1 | <4.1 | 2.7 J | <82 | <4.1 | 4.2 J | <4.1 | <4.1 | <4.1 | <4.1 | Methylene Chloride = 1.2 B,J | -- | -- | -- |
| HP-4 | 10 | 9/18/2020 | EEC | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 0.94 J | <5.3 | 0.35 J | <5.3 | <5.3 | <5.3 | <110 | <5.3 | <110 | <5.3 | <5.3 | <5.3 | <5.3 | Methylene Chloride = 1.3 B,J | -- | -- | -- |
| | 20 | 9/18/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 0.60 J | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <110 | <5.7 | <110 | <5.7 | <5.7 | <5.7 | <5.7 | ND | -- | -- | -- |
| | 30 | 9/18/2020 | EEC | <5.1 | 0.63 J | 33 | 0.69 J | 0.43 J | 0.77 J | 0.39 J | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | 13 | <100 | <5.1 | 4.9 J | <5.1 | <5.1 | 1.9 J | <5.1 | Methylene Chloride = 0.95 B,J | -- | -- | -- |
| | 40 | 9/18/2020 | EEC | <4.3 | 0.87 J | 15 | <4.3 | 0.23 J | <4.3 | 0.41 J | <4.3 | <4.3 | <4.3 | <4.3 | <4.3 | 5 | <86 | <4.3 | 5.0 J | <4.3 | <4.3 | 1.1 J | <4.3 | Methylene Chloride = 0.57 B,J | -- | -- | -- |
| SB-1 | 2 | 8/22/2020 | EEC | 0.40 J | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 3.7 J | 2.5 J | 0.47 J | 0.99 J | <3.9 | <3.9 | <3.9 | <78 | <3.9 | 4.1 J | <3.9 | <3.9 | <3.9 | 0.21 J | ND | <10 | <10 | 49 B |
| | 5 | 8/22/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.57 J | 0.22 J | 0.21 J | 1.1 J | <4.5 | <4.5 | <4.5 | <89 | <4.5 | 3.7 J | <4.5 | <4.5 | <4.5 | 0.16 J | ND | <10 | <10 | 8.9 B,J |
| SB-2 | 2 | 8/22/2020 | EEC | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 9.2 | 5.9 | 0.89 J | 1.5 J | <4.9 | <4.9 | <4.9 | 110 | <4.9 | 15 J | <4.9 | <4.9 | <4.9 | 0.37 J | ND | <10 | <10 | 16 B |
| | 5 | 8/22/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 9.8 | 4.6 J | 0.61 J | 0.91 J | <5.0 | <5.0 | <5.0 | 68 J | <5.0 | 8.7 J | <5.0 | <5.0 | <5.0 | <5.0 | ND | <10 | <10 | <10 |
| SB-3 | 10 | 8/21/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 0.91 J | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | 1.5 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | <10 | <10 |
| | 15 | 8/21/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 0.28 J | 0.26 J | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <110 | <5.7 | 2.0 J | <5.7 | <5.7 | <5.7 | <5.7 | ND | <9.9 | <9.9 | <9.9 |
| SB-4 | 2 | 8/21/2020 | EEC | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 6.4 | 3.2 J | 0.49 J | 1.2 J | <4.8 | <4.8 | <4.8 | 63 J | <4.8 | 10 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | 22 B |
| | 5 | 8/21/2020 | EEC | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 | 4.0 J | 0.36 J | 0.77 J | <4.2 | <4.2 | <4.2 | <4.2 | <4.2 | 11 J | <4.2 | <4.2 | <4.2 | <4.2 | ND | <9.9 | <9.9 | 32 B |
| SB-5 | 2 | 8/21/2020 | EEC | 1.5 J | 0.26 J | <5.3 | <5.3 | <5.3 | <5.3 | 13 | 25 | 2.5 J | 8.4 J | <5.3 | <5.3 | <5.3 | 140 | <5.3 | 15 J | <5.3 | 1.7 J | <5.3 | <5.3 | ND | <10 | <10 | 70 |
| | 5 | 8/21/2020 | EEC | 0.35 J | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 0.96 J | 8.0 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 4.3 J | <4.9 | <4.9 | <4.9 | <4.9 | ND | <10 | <10 | 4.9 B,J |
| SB-6 | 2 | 8/22/2020 | EEC | 0.59 J | <3.9 | <3.9 | <3.9 | <3.9 | <3.9 | 7.8 | 6.3 | 1.1 J | 1.8 J | 0.27 J | <3.9 | <3.9 | 77 J | <3.9 | 8.7 J | <3.9 | <3.9 | <3.9 | 0.19 J | ND | <10 | <10 | <10 |
| | 5 | 8/22/2020 | EEC | 0.64 J | 1.0 J | <6.4 | <6.4 | <6.4 | <6.4 | 2.9 J | 0.65 J | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 7.5 J | <6.4 | <6.4 | <6.4 | <6.4 | ND | <10 | <10 | <10 |
| SB-7 | 2 | 8/22/2020 | EEC | 0.40 J | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 0.22 J | <5.0 | 0.24 J | 1.6 J | <5.0 | <5.0 | 92 J | 3.0 J | 15 J | <5.0 | <5.0 | <5.0 | <5.0 | ND | <20 | <20 | 50 B |
| | 5 | 8/22/2020 | EEC | 7.1 | 2.9 J | <4.5 | <4.5 | <4.5 | <4.5 | 5.8 | 4.5 | 0.77 J | 1.1 J | <4.5 | <4.5 | <4.5 | 130 | 2.3 J | 9.2 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | 4.5 J | <10 |
| SB-8 | 2 | 8/21/2020 | EEC | 0.35 J | 1.2 J | <4.0 | <4.0 | <4.0 | <4.0 | 4.9 | 3.7 J | 1.4 J | 3.9 J | 3.8 J | 2.5 J | <4.0 | 190 | <4.0 | 28 J | 0.95 J | <4.0 | <4.0 | 0.59 B,J | 1,1,2,2-TCE = 12; Propylbenzene = 0.62 J; sec-Butylbenzene = 0.43 J; para-Isopropyl Toluene = 1.3 J; n-Butylbenzene = 0.77 J | <50 | 100 | 1,400 |
| | 5 | 8/21/2020 | EEC | 0.87 J | 0.74 J | <4.1 | <4.1 | <4.1 | <4.1 | 13 | 11 | 1.9 J | 2.9 J | 0.33 J | <4.1 | <4.1 | 50 J | <4.1 | 8.8 J | <4.1 | <4.1 | <4.1 | 0.17 B,J | ND | <9.9 | <9.9 | 5.7 B,J |
| SB-9 | 2 | 8/21/2020 | EEC | <4.8 | 0.30 J | <4.8 | <4.8 | <4.8 | <4.8 | 14 | 9.3 | 1.4 J | 2.1 J | 0.30 J | <4.8 | <4.8 | 120 | <4.8 | 18 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | <5.1 | 4.2 J | 4.4 J | 0.93 J | 1.8 J | 0.30 J | <5.1 | <5.1 | <5.1 | <5.1 | 5.5 J | <5.1 | 0.74 J | <5.1 | 0.30 B,J | ND | <10 | <10 | 4.5 J |
| SB-10 | 2 | 8/21/2020 | EEC | 1.3 J | 2.8 J | <5.6 | <5.6 | <5.6 | <5.6 | 8.0 | 6.3 | 1.2 J | 3.1 J | <5.6 | <5.6 | <5.6 | 190 | 2.8 J | 17 J | <5.6 | 0.69 J | <5.6 | 0.24 B,J | TBA = 10 | <110 | 180 | 850 |
| | 5 | 8/21/2020 | EEC | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 6.7 | 6.2 | 1.3 J | 2.2 J | <4.9 | <4.9 | <4.9 | <98 | <4.9 | 7.2 J | <4.9 | <4.9 | <4.9 | <4.9 | ND | <10 | <10 | 12 |
| SB-11 | 2 | 8/21/2020 | EEC | 230 J | 390 | 640 | 36 J | <240 | 100 J | 15 J | 5,700 | 330 | 2,800 | 1,100 | 610 | 46 J | 1,400 B, J | 200 B,J | 880 J | 47 J | 1,300 | <240 | 360 J | Chloromethane = 40 B,J; 1,1,1-TCA = 27 J; 1,2-DCA = 21 J; Chlorobenzene = 7.8 J; Propylbenzene = 88 J | 27 J | 350 | 1,100 |
| | 5 | 8/21/2020 | EEC | <4.2 | 2.4 J | 3.7 J | <4.2 | <4.2 | 0.94 J | 8.6 | 8.8 | 2.0 J | 3.3 J | 0.43 J | <4.2 | 0.74 J | 75 J | <4.2 | 12 J | <4.2 | 6.2 | 0.85 J | <4.2 | TBA = 66 | <10 | 4.2 J | <10 |
| SB-12 | 2 | 8/21/2000 | EEC | <4.4 | 1.7 J | 2.4 J | <4.4 | <4.4 | <4.4 | 20 | 20 | 4.5 | 8.0 J | 0.85 J | <4.4 | <4.4 | 49 J | <4.4 | 10 J | 0.43 J | <4.4 | <4.4 | 0.77 J | Propylbenzene = 0.43 J | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | 0.48 J | 6.0 | 8.8 | <3.6 | <3.6 | <3.6 | 5.9 | 3.2 J | 0.48 J | 0.23 J | <3.6 | <3.6 | 0.39 J | 48 J | <3.6 | 8.2 J | <3.6 | <3.6 | <3.6 | <3.6 | ND | <10 | <10 | <10 |
| SB-13 | 2 | 8/21/2020 | EEC | 1.1 J | 2.6 J | <4.8 | <4.8 | <4.8 | <4.8 | 1.4 J | 1.5 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 200 | <4.8 | 20 J | 78 | <4.8 | <4.8 | <4.8 | TBA = 12; Styrene = 2.4 J | <50 | 80 | 390 |
| | 5 | 8/21/2020 | EEC | <4.5 | 2.1 J | 1.5 J | <4.5 | <4.5 | <4.5 | 9.2 | 6.6 | 1.4 J | 2.3 J | <4.5 | <4.5 | <4.5 | 110 | <4.5 | 13 J | 2.1 J | <4.5 | <4.5 | <4.5 | TBA = 9.9 | <10 | <10 | <10 |
| | 10 | 8/21/2020 | EEC | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | <4.5 | 3.3 J | 2.4 J | 0.53 J | 0.29 | <4.5 | <4.5 | <4.5 | <91 | <4.5 | 5.1 J | <4.5 | <4.5 | <4.5 | <4.5 | ND | <10 | <10 | <10 |
| SB-14 | 2 | 8/21/2020 | EEC | 18 | 8.9 | <6.0 | <6.0 | 0.23 J | <6.0 | 0.59 J | 0.81 J | 0.63 J | 1.5 J | <6.0 | <6.0 | 2.4 J | 170 | <6.0 | 32 J | <6.0 | 5.4 J | <6.0 | 1.4 J | TBA = 12; TCFM = 0.56 J; Freon 113 = 0.92 J; 1,1,1-TCA = 35 Styrene = 2.5 J | <10 | **1,400** | 4,500 |
| | 5 | 8/21/2020 | EEC | 32 | 6.5 | 2.0 J | <5.1 | <5.1 | <5.1 | 5.6 | 7.6 | 100 | 100 | 12 | 7.6 | 3.7 J | 310 | 0.37 J | 52 J | 4.2 J | 6.7 | <5.1 | <5.1 | TBA = 24; 1,1,1-TCA = 4.8 J; Styrene= 3.0; Propylbenzene = 3.4 J; sec-Butylbenzene = 1.2 J; para-Isopropyl Toluene = 1.6 J; n-Butylbenzene = 1.4 J | <10 | <10 | <10 |
| SB-15 | 2 | 8/22/2020 | EEC | 0.66 J | 3.2 | <5.3 | <5.3 | <5.3 | <5.3 | 0.70 J | 0.79 J | <5.3 | <5.3 | <5.3 | <5.3 | <5.3 | 70 J | <5.3 | 11 J | <5.3 | <5.3 | <5.3 | <5.3 | ND | <10 | <10 | <10 |
| | 5 | 8/22/2020 | EEC | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 0.69 J | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | 82 J | <6.0 | 10 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <10 | <10 | <10 |
| SB-16 | 2 | 8/21/2020 | EEC | 1.9 J | 0.61 J | <4.6 | <4.6 | <4.6 | <4.6 | 1.4 J | 11 | 48 | 57 | 15 | 8.4 | 0.63 J | 160 | <4.6 | 21 J | 4.0 J | <4.6 | <4.6 | 3.4 J | TBA = 13; Propylbenzene = 5.0; sec-Butylbenzene = 1.5 J; para-Isopropyl Toluene = 2.3 J; n-Butylbenzene = 2.5 J | <10 | **4,900** | 13,000 |
| | 5 | 8/21/2020 | EEC | <4.7 | <4.7 | 0.65 J | <4.7 | <4.7 | <4.7 | 9.7 | 9.2 | 2.7 J | 6.3 J | 0.92 J | 0.42 J | 0.51 J | <94 | <4.7 | 7.8 J | <4.7 | <4.7 | <4.7 | <4.7 | TBA = 8.5 J | <10 | <10 | <10 |

**TABLE C3.** HISTORICAL SOIL ANALYTICAL TEST RESULTS - VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/kg and TOTAL PETROLEUM HYDROCARBONS (TPH) in mg/kg
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Boring Number | Sample Depth | Sample Date | Consultant | VOCs (µg/kg) | | | | | | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PCE | TCE | Cis-1,2-DCE | Trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | MTBE | Naphthalene | Other VOCs | C6-C12/C4-C12 | C13-C22 | C23-C44/C23-C40 |
| *SFBRWQCB Commercial Screening Levels [a]* | | | | *2,700* | *6,100* | *85,000* | *600,000* | *350,000* | *150* | *1,400* | *5,300,000* | *26,000* | *2,500,000* | *11,000* | *1,510,000* | *16,000* | *670,000,000* | *30,000* | *200,000,000* | *9,900,000* | *140,000,000* | *210,000* | *17,000* | -- | *2,000* | *1,200* | *180,000* |
| SB-17 | 2 | 8/22/2020 | EEC | 3.3 J | 13 | 5.0 | <4.1 | <4.1 | 1.1 J | 1.3 J | 43 | 120 | 99 | 31 | 12 | 34 | 500 | <4.1 | 72 J | 2.1 J | 16 | 9 | 3.6 J | TBA = 48<br>Chlorobenzene = 0.56 J Propylbenzene = 4.0 J; para-Isopropyl Toluene = 2.1 J; 1,2-DCB = 5.6<br>1,3-DCB = 0.70 J;<br>1,4-DCB = 1.7 J<br>n-Butylbenzene = 2.4 J; 1,2,4-TCB = 5.2 | <10 | <10 | 5.5 J |
| | 5 | 8/22/2020 | EEC | <5.3 | 1.0 J | 1.1 J | <5.3 | <5.3 | 0.54 J | 9.9 | 14 | 53 | 40 | 8.5 | 3.3 J | 4.3 J | 150 | <5.3 | 19 | 0.76 J | 2.6 J | 15 | 1.4 J | TBA = 83; Chloroethane = 0.81 J;<br>Chlorobenzene = 0.49 J Propylbenzene = 1.0 J para-Isopropyl Toluene = 0.62 J;<br>1,2-DCB = 0.58 J<br>1,4-DCB = 1.7 J<br>n-Butylbenzene = 0.78 J; 1,2,4-TCB = 2.4 J | 8.2 J | 50 | 130 |
| SB-18 | 2 | 8/22/2020 | EEC | 63 | 130 | 48 | <5.3 | <5.3 | 0.51 J | 7.6 | 5.7 | 1.2 J | 2.4 J | 0.52 J | <5.3 | 15 | 110 J | <5.3 | 17 J | <5.3 | <5.3 | <5.3 | <5.3 | Freon 113 = 4.6 J;<br>Trans-1,2-DCE = 1.6 J; 1,2-DCP = 1.5 J;<br>1,2-DCB = 0.63 J | <10 | 5.3 J | 17 |
| | 5 | 8/22/2020 | EEC | 4.1 J | 15 | 22 | <5.0 | <5.0 | 0.94 J | 4.6 J | 3.3 J | 0.64 J | 0.33 J | <5.0 | <5.0 | 6.1 | <100 | <5.0 | 5.8 J | <5.0 | <5.0 | <5.0 | <5.0 | 1,2-DCP = 0.95 J; | <10 | <10 | 6.7 J |
| SB-19 | 2 | 8/21/2020 | EEC | 1.1 J | 3.0 J | 8.6 | 0.82 J | <7.8 | 30.0 | 21 | 65 | 23 | 83 | 8.3 | 4.0 J | 21 | 210 | <7.8 | 17 J | 1.9 J | 4.4 J | <7.8 | <7.8 | TBA = 18; 1,1-DCE = 3.0 J; 1,2-DCA = 0.96 J;<br>Propylbenzene = 1.7 J; para-Isopropyl Toluene = 1.0 J; n-Butylbenzene = 1.7 J | 9.4 | 58 | 98 |
| | 5 | 8/21/2020 | EEC | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | <4.6 | 3.3 J | 6.2 | 1.5 J | 4.7 J | <4.6 | <4.6 | <4.6 | <93 | <4.6 | 5.0 J | <4.6 | <4.6 | <4.6 | <4.6 | TBA = 9.8 | <10 | <10 | <10 |
| SB-20 | 2 | 8/21/2020 | EEC | 0.30 J | 1.5 J | 1.2 J | 0.43 J | <100 | 10 | 4.4 | 55 | 40 | 60 | 100 | 30 | 3.1 J | <100 | 2.5 J | 23 J | 6.3 | <100 | <100 | 5.8 | TBA = 19;<br>Chloroethane = 0.32 J;Chlorobenzene = 0.23 J; Propylbenzene = 11<br>tert-Butylbenzene = 1.0 J<br>sec-Butylbenzene = 11 J; para-Isopropyl Toluene = 20; n-Butylbenzene = 15 | 150 | 510 | 960 |
| | 5 | 8/21/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 1.1 J | 0.66 J | <5.0 | <5.0 | 1.5 J | 0.58 J | <5.0 | 58 J,b | <5.0 | 7.3 J | <5.0 | <5.0 | <5.0 | 2.1 J | TBA = 18;<br>sec-Butylbenzene = 0.44 J<br>para-Isopropyl Toluene = 1.0 J;<br>n-Butylbenzene = 0.71 J | <10 | <10 | <10 |
| SB-21 | 2 | 8/21/2020 | EEC | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 0.7 J | <5.0 | 1.6 J | 0.8 J | <5.0 | <5.0 | 180 | <5.0 | 42 J | <5.0 | 46 | <5.0 | 1.0 B,J | Methylene Chloride = 1.7 J | <10 | 35 | 51 |
| | 5 | 8/21/2020 | EEC | 4,100 | 1,200 | 110 J | <1,000 | <1,000 | <1,000 | 110 J | 49,000 | 12,000 | 75,000 | 13,000 | 3,500 | <1,000 | <20,000 | <1,000 | 380 J | 1,200 | <1,000 | <1,000 | 730 J | Propylbenzene = 1,900; para-Isopropyl Toluene = 410 J; n-Butylbenzene = 800 J | 240 | 1,500 | 1,700 |
| SB-21 | 10 | 8/21/2020 | EEC | 0.30 J | 0.30 J | 0.38 J | <4.8 | <4.8 | 1.2 J | 2.6 J | 5.8 | 3.4 J | 14 | 1.0 J | 0.25 J | 3.2 J | 57 J | <4.8 | 17 J | <4.8 | <4.8 | 0.36 J | 0.49 J | TBA = 19;<br>1,1,1-TCA = 0.21 J;<br>2-Chlorotoluene = 1.7 J | <10 | 9.7 J | 6.5 J |
| SB-22 | 2 | 8/21/2020 | EEC | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | 0.63 J | <4.4 | <4.4 | <4.4 | <4.4 | <4.4 | <88 | <4.4 | 5.6 J | <4.4 | <4.4 | <4.4 | <4.4 | ND | <10 | <10 | <10 |
| | 5 | 8/21/2020 | EEC | <5.2 | <5.2 | <5.2 | <5.2 | <5.2 | <5.2 | 13 | 16 | 3.7 J | <5.2 | 1.0 J | 0.33 J | <5.2 | 67 J,b | <5.2 | 8.8 J | 0.34 J | 0.82 J | <5.2 | 0.66 B,J | Propylbenzene = 0.41 J | <10 | <10 | 6.8 J |
| SB-23 | 2 | 8/21/2020 | EEC | 69 J | <1,500 | <1,500 | <1,500 | <1,500 | <1,500 | <1,500 | 2,400 | 4,100 | 33,000 | 33,000 | 9,900 | <1,500 | <30,000 | ND,1,500 | 1,800 J | 500 J | 3,200 | <1,500 | 6,300 | Methylene Chloride = 2,300; 1,1,1-TCA = 1,700;<br>Propylbenzene = 2,100;<br>sec-Butylbenzene = 1,500;<br>para-Isopropyl Toluene = 590 J<br>n-Butylbenzene = 6,500 | 2,600 | 8,500 | 33,000 |
| | 5 | 8/21/2020 | EEC | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | <5.7 | 7.1 | 5.6 J | 1.1 J | 2.1 J | <5.7 | <5.7 | <5.7 | <110 | <5.7 | 7.1 J | <5.7 | <5.7 | <5.7 | 0.31 J | ND | <9.9 | 4.5 J | 18 |
| SB-24 | 2 | 8/21/2020 | EEC | 2.2 J | <5.8 | <5.8 | <5.8 | <5.8 | <5.8 | 9.5 | 8.4 | 1.3 J | 2.1 J | 0.39 J | <5.8 | <5.8 | <5.8 | <5.8 | 14 J | <5.8 | <5.8 | <5.8 | 0.19 B,J | ND | <20 | <20 | 74 |
| | 5 | 8/21/2020 | EEC | 0.98 J | <5.6 | <5.6 | <5.6 | <5.6 | <5.6 | 8.2 | 6.3 | 1.1 J | 1.9 J | <5.6 | <5.6 | <5.6 | <110 | <5.6 | 6.6 J | <5.6 | <5.6 | <5.6 | <5.6 | ND | <10 | <10 | 10 |
| SB-25 | 2 | 8/21/2020 | EEC | 0.38 J | <4.9 | <4.9 | <4.9 | <4.9 | <4.9 | 1.6 J | <4.9 | 49 | 230 | 0.30 J | <4.9 | <4.9 | 90 J,b | <4.9 | 10 J | 0.68 J | <4.9 | <4.9 | 0.40 B,J | ND | <10 | <10 | 16 |
| | 5 | 8/21/2020 | EEC | 1.5 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | 0.89 J | 0.50 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | 3.2 J | <4.8 | <4.8 | <4.8 | <4.8 | ND | <10 | <10 | 9.7 J |
| SB-26 | 2 | 8/21/2020 | EEC | 44 | 3.3 J | <7.1 | <7.1 | <7.1 | <7.1 | 14 | 11 | 1.9 J | 2.8 J | 0.50 J | <7.1 | <7.1 | 110 J,b | <7.1 | 14 J | <7.1 | <7.1 | <7.1 | <7.1 | ND | <10 | 16 | 37 |
| | 5 | 8/21/2020 | EEC | 10 | 0.83 J | <6.8 | <6.8 | <6.8 | <6.8 | 3.7 J | 3.4 J | 0.41 | 1.3 J | 0.54 J | <6.8 | <6.8 | <100 | <6.8 | 35 J | <6.8 | 1.1 J | <6.8 | <6.8 | TBA = 36 | <50 | <50 | 130 |
| SB-27 | 2 | 8/21/2020 | EEC | 5.7 | 7.5 | 0.22 J | <4.8 | <4.8 | <4.8 | <4.8 | 0.32 J | <4.8 | <4.8 | <4.8 | <4.8 | <4.8 | <96 | <4.8 | 5.1 J | <4.8 | <4.8 | <4.8 | <4.8 | TBA = 10 | <10 | 40 | 400 |
| | 5 | 8/21/2020 | EEC | 6.3 | 10 | 2.5 J | <5.4 | <5.4 | <5.4 | 9.8 | 7.9 | 1.6 J | 2.6 J | 0.35 J | <5.4 | 1.6 J | <5.4 | 2.6 B,J | 6.8 J | <5.4 | 0.19 J | <5.4 | 0.24 J | ND | <10 | <10 | 8.6 J |
| SB-28 | 2 | 8/21/2020 | EEC | 52 | 21 | 2.4 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.54 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.62 J | <120 | 2.9 B,J | 5.7 J | <6.0 | 0.21 J | <6.0 | <6.0 | Freon 113 = 6.0 | <100 | <100 | 300 |
| | 5 | 8/21/2020 | EEC | 24 | 3.7 J | 2.3 J | <4.2 | <4.2 | <4.2 | 4.0 J | 3.7 J | 0.73 J | 1.2 J | <4.2 | <4.2 | 0.23 J | <83 | <4.2 | 3.3 J | <4.2 | <4.2 | <4.2 | 0.19 J | ND | <10 | <10 | 11 |
| SB-29 | 2 | 8/21/2020 | EEC | 140 | 11 | 0.21 J | <4.3 | <4.3 | <4.3 | 0.38 J | 0.41 J | 0.29 J | 1.3 J | <4.3 | <4.3 | <4.3 | 130 | 2.0 B,J | 26 J | <4.3 | <4.3 | <4.3 | 0.15 J | TBA = 12; 1,1,1-TCA = 0.18 J | <10 | <10 | 17 |
| | 5 | 8/21/2020 | EEC | 92 | 10 | 1.1 J | <6.1 | <6.1 | <6.1 | 5.4 J | 3.7 J | 0.66 J | 1.2 J | <6.1 | <6.1 | 0.39 J | <120 | <6.1 | 5.0 J | <6.1 | <6.1 | <6.1 | <6.1 | ND | <10 | <10 | 8.5 J |
| SB-30 | 2 | 8/22/2020 | EEC | 4.8 J | 0.48 J | <5.7 | <5.7 | <5.7 | <5.7 | 0.37 J | 0.46 J | <5.7 | 0.89 J | <5.7 | <5.7 | <5.7 | 63 J | <5.7 | 8.2 J | <5.7 | <5.7 | <5.7 | <5.7 | ND | <20 | <20 | 70 B |
| | 5 | 8/22/2020 | EEC | 37 | 4.5 | <4.2 | <4.2 | <4.2 | <4.2 | 8.9 | 4.2 | 0.55 J | 0.77 J | <4.2 | <4.2 | <4.2 | <83 | <4.2 | 7.9 J | <4.2 | <4.2 | <4.2 | <4.2 | 1,1,1-TCA = 0.40 J | <10 | <10 | 11 B |
| SB-31 | 2 | 8/22/2020 | EEC | 11 | 0.29 J | <6.0 | <6.0 | <6.0 | <6.0 | 0.27 J | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <120 | <6.0 | 7.6 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <50 | <50 | 98 B |
| | 5 | 8/22/2020 | EEC | 39 | 2.4 J | <5.4 | <5.4 | <5.4 | <5.4 | 1.9 J | 0.35 J | <5.4 | <5.4 | <5.4 | <5.4 | <5.4 | <110 | <5.4 | 5.6 J | <5.4 | <5.4 | <5.4 | <5.4 | 1,1,1-TCA = 0.41 J | <10 | <10 | 14 B |
| SB-32 | 2 | 8/22/2020 | EEC | 8.0 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | 0.24 J | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <6.4 | <130 | <6.4 | 4.6 J | <6.4 | 0.34 J | <6.4 | <6.4 | ND | <200 | <200 | 930 |
| | 5 | 8/22/2020 | EEC | 45 | 1.8 J | <4.7 | <4.7 | <4.7 | <4.7 | 2.8 J | 0.55 J | <4.7 | <4.7 | <4.7 | <4.7 | <4.7 | 56 J | <4.7 | 7.4 J | <4.7 | ND | <4.7 | ND | 1,1,1-TCA = 0.36 J | <10 | <10 | 11 B |
| SB-33 | 2 | 8/22/2020 | EEC | 43 | 1.9 J | <4.8 | <4.8 | <4.8 | <4.8 | 11 | 6.9 | 0.99 J | 1.6 J | <4.8 | <4.8 | <4.8 | 50 J,b | <4.8 | 7.6 J | <4.8 | <4.8 | <4.8 | <4.8 | 1,1,1-TCA = 0.25 J | <10 | 4.5 J | 14 B |
| | 5 | 8/22/2020 | EEC | 35 | 1.6 J | <6.0 | <6.0 | <6.0 | <6.0 | 10 | 6.1 | 0.92 J | 1.2 J | <6.0 | <6.0 | <6.0 | <120 | <6.0 | 10 J | <6.0 | <6.0 | <6.0 | <6.0 | ND | <10 | <10 | 10 B |

Notes:

-- = not analyzed

(a) = San Francisco Bay Regiol Water Quality Control Board Environmental Screening Levels (ESLs), July 2019; Table S-1.

< ## = not detected above the method detection limit or reporting limit "X"

B = Constituent found in associated method blank

EEC = EEC Environmental

J = Estimated value; concentration above the method detection limit but below the reporting limit

µg/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

**RED** = at or exceeds commercial ESL

**TABLE C4.** HISTORICAL SOIL VAPOR ANALYTICAL TEST RESULTS-DETECTED VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/m$^3$
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID/ Boring ID | Sample Depth (ft bgs) | Sample Date | Consultant | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Isopropyl alcohol | Acetone | Chloroform | Methylene Chloride | 2-Butanone | Carbon Disulfide | Methane | Vinyl Chloride | Freon 11 | Freon 12 | Freon 113 | 1,4-Dioxane | trans-1,2-DCE | 1,1-DCE | 1,1,1-TCA | 1,2,4-TMB | 1,2-DCP | BDCM | p-isopropyltoluene | Other VOCs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SFBRWQCB Commercial Screening Levels [a]** | | | | 67 | 100 | 1,200 | 260 | 14 | 44,000 | 160 | 15,000 | -- | 4,500,000 | 18 | 410 | 730,000 | -- | -- | 5.2 | -- | -- | 733,333 | 53 | 12,000 | 10,000 | 150,000 | 290 | 41 | 11 | -- | -- |
| **DTSC -Screening Levels[b]** | | | | 2 | -- | 35 | 7.7 | 0.42 | 1,300 | -- | -- | -- | -- | -- | 12 | -- | -- | -- | 0.2 | 5300 | -- | -- | -- | 350 | 350 | 4,400 | -- | -- | 0.33 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.03 Attenuation Factor** | | | | 67 | -- | 1167 | 257 | 14 | 43333 | -- | -- | -- | -- | -- | 400 | -- | -- | -- | 5 | 176667 | -- | -- | -- | 11667 | 11667 | 146667 | -- | -- | 11 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.0005 Attenuation Factor** | | | | 4000 | -- | 70000 | 15400 | 840 | 2600000 | -- | -- | -- | -- | -- | 24000 | -- | -- | -- | 320 | 10600000 | -- | -- | -- | 700000 | 700000 | 8800000 | -- | -- | 660 | -- | -- |
| **US EPA[c] RSLs** | | | | 47 | 3 | -- | 7.7 | 1.6 | 22,000 | 4.9 | 440 | 880 | 140,000 | 0.53 | 1200 | 22,000 | 3100 | -- | 2.8 | -- | 440 | -- | -- | 180 | 880 | 22,000 | 260 | 3.3 | 0.33 | -- | -- |
| **US EPA[c] RSLs with a 0.03 Attenuation Factor** | | | | 1567 | 100 | -- | 257 | 53 | 733333 | 163 | 14667 | 29333 | 4666667 | 18 | 40000 | 733333 | 103333 | -- | 93 | -- | 14667 | -- | -- | 6000 | 29333 | 733333 | 8667 | 110 | 11 | -- | -- |
| **US EPA[c] RSLs with a 0.0005 Attenuation Factor** | | | | 94000 | 6000 | -- | 15400 | 3200 | 44000000 | 9800 | 880000 | 1760000 | 280000000 | 1060 | 2400000 | 44000000 | 6200000 | -- | 5600 | -- | 880000 | -- | -- | 360000 | 1760000 | 44000000 | 520000 | 6600 | 660 | -- | -- |
| 1 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <0.6 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 3 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 5 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 6 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <0.6 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 7 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 8 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 47 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 9 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 10 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 11 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 12 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 13 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 14 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 8 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 15 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 16 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 17 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 12 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 18 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 19 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 9 | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 20 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 11 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 21 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 22 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 23 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 24 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 25 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 9 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 26 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 27 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 43 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 28 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 29 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 30 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 31 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 8 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 32 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 33 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 34 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 9 | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 35 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 8 | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 36 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 4 | 6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 37 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | 8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 38 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6 | 6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 39 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 40 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 41 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 42 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 43 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 44 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 40 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 45 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 46 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 47 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 11 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 48 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 49 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 18 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 50 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 51 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 52 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 14 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 53 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 14 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 54 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 12 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 55 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 56 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | <2.56 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 57 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 58 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | 77 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 59 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 10 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 60 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 61 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 62 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 26 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 63 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 25 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 64 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 26 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 65 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 18 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 66 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 67 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 68 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 69 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 25 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 70 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 25 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 71 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 25 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 72 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 27 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 73 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 74 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 75 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 22 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 76 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 22 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 77 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 78 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 24 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 79 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 80 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 28 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 81 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 27 | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 82 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 83 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 84 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 85 | 4 | 09/14/91 | IEES | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| CP1-5 | 5 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |

**TABLE C4.** HISTORICAL SOIL VAPOR ANALYTICAL TEST RESULTS-DETECTED VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/m³
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID/ Boring ID | Sample Depth (ft bgs) | Sample Date | Consultant | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Isopropyl alcohol | Acetone | Chloroform | Methylene Chloride | 2-Butanone | Carbon Disulfide | Methane | Vinyl Chloride | Freon 11 | Freon 12 | Freon 113 | 1,4-Dioxane | trans-1,2-DCE | 1,1-DCE | 1,1,1-TCA | 1,2,4-TMB | 1,2-DCP | BDCM | p-isopropyltoluene | Other VOCs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SFBRWQCB Commercial Screening Levels [a]** | | | | 67 | 100 | 1,200 | 260 | 14 | 44,000 | 160 | 15,000 | -- | 4,500,000 | 18 | 410 | 730,000 | -- | -- | 5.2 | -- | -- | 733,333 | 53 | 12,000 | 10,000 | 150,000 | 290 | 41 | 11 | -- | -- |
| **DTSC -Screening Levels[b]** | | | | 2 | -- | 35 | 7.7 | 0.42 | 1,300 | -- | -- | -- | -- | -- | 12 | -- | -- | -- | 0.2 | 5300 | -- | -- | -- | 350 | 350 | 4,400 | -- | -- | 0.33 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.03 Attenuation Factor** | | | | 67 | -- | 1167 | 257 | 14 | 43333 | -- | -- | -- | -- | -- | 400 | -- | -- | -- | 5 | 176667 | -- | -- | -- | 11667 | 11667 | 146667 | -- | -- | 11 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.0005 Attenuation Factor** | | | | 4000 | -- | 70000 | 15400 | 840 | 2600000 | -- | -- | -- | -- | -- | 24000 | -- | -- | -- | 320 | 10600000 | -- | -- | -- | 700000 | 700000 | 8800000 | -- | -- | 660 | -- | -- |
| **US EPA[c] RSLs** | | | | 47 | 3 | -- | 7.7 | 1.6 | 22,000 | 4.9 | 440 | 880 | 140,000 | 0.53 | 1200 | 22,000 | 3100 | -- | 2.8 | -- | 440 | -- | -- | 180 | 880 | 22,000 | 260 | 3.3 | 0.33 | -- | -- |
| **US EPA[c] RSLs with a 0.03 Attenuation Factor** | | | | 1567 | 100 | -- | 257 | 53 | 733333 | 163 | 14667 | 29333 | 4666667 | 18 | 40000 | 733333 | 103333 | -- | 93 | -- | 14667 | -- | -- | 6000 | 29333 | 733333 | 8667 | 110 | 11 | -- | -- |
| **US EPA[c] RSLs with a 0.0005 Attenuation Factor** | | | | 94000 | 6000 | -- | 15400 | 3200 | 44000000 | 9800 | 880000 | 1760000 | 280000000 | 1060 | 2400000 | 44000000 | 6200000 | -- | 5600 | -- | 880000 | -- | -- | 360000 | 1760000 | 44000000 | 520000 | 6600 | 660 | -- | -- |
| CP1-15 | 15 | 03/27/95 | EST | 59,000 | 7,000 | 58,000 | 31,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | 7,000 | 47,000 | NA | 1,000 | 2,000 | 8,000 | NA | NA | NA | NA | NA |
| CP1-25 | 25 | 03/27/95 | EST | 18,000 | 2,000 | 12,000 | 8,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | 2,000 | 14,000 | NA | <1,000 | <1,000 | 2,000 | NA | NA | NA | NA | NA |
| CP2-5 | 5 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| CP2-15 | 15 | 03/27/95 | EST | <1,000 | <1,000 | 1,000 | 10,000 | NA | 1,000 | <1,000 | 1,000 | NA | NA | NA | NA | NA | NA | NA | 23,000 | 1,000 | 2,000 | 13,000 | NA | <1,000 | 6,000 | <1,000 | NA | NA | NA | NA | NA |
| CP2-25 | 25 | 03/27/95 | EST | 2,000 | 3,000 | 9,000 | 50,000 | NA | 3,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | 101,000 | 11,000 | 7,000 | 59,000 | NA | <1,000 | 14,000 | 4,000 | NA | NA | NA | NA | Chloroethane = 4,000 |
| CP3-5 | 5 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| CP3-15 | 15 | 03/27/95 | EST | 132,000 | 39,000 | 53,000 | 51,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | 11,000 | <1,000 | 12,000 | 85,000 | NA | <1,000 | 1,000 | 12,000 | NA | NA | NA | NA | NA |
| CP3-25 | 25 | 03/27/95 | EST | 144,000 | 38,000 | 55,000 | 41,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | 10,000 | <1,000 | 12,000 | 88,000 | NA | <1,000 | 1,000 | 14,000 | NA | NA | NA | NA | NA |
| CP4-5 | 5 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | 9,000 | NA | 28,000 | 5,000 | 17,000 | NA | NA | NA | NA | NA | NA | NA | 15,000 | 22,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| CP4-15 | 15 | 03/27/95 | EST | <1,000 | <1,000 | 3,000 | 7,000 | NA | 2,000 | 1,000 | 4,000 | NA | NA | NA | NA | NA | NA | NA | 6,000 | <1,000 | 2,000 | 3,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| CP4-25 | 25 | 03/27/95 | EST | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | ND | NA | NA | NA | NA | NA | NA | NA | <1,000 | <1,000 | <1,000 | <1,000 | NA | <1,000 | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG1-5 | 5 | 08/29/95 | EST | <1,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG1-15 | 15 | 08/29/95 | EST | 241,000 | 10,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | 12,000 | 29,000 | NA | NA | NA | NA | NA |
| SG2-5 | 5 | 08/29/95 | EST | 5,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG2-15 | 15 | 08/29/95 | EST | 18,000 | 7,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG3-5 | 5 | 08/29/95 | EST | 27,000 | 1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG3-15 | 15 | 08/29/95 | EST | 34,000 | 3,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG4-5 | 5 | 08/29/95 | EST | 82,000 | 14,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG4-15 | 15 | 08/29/95 | EST | 118,000 | 21,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG5-5 | 5 | 08/29/95 | EST | 3,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG5-15 | 15 | 08/29/95 | EST | 6,000 | 8,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1,000 | NA | <1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG6-5 | 5 | 08/29/95 | EST | <1,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | 1,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SG7-5 | 5 | 08/29/95 | EST | <1,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3,000 | NA | 6,000 | NA | NA | <1,000 | <1,000 | NA | NA | NA | NA | NA |
| SGB-5 | 5 | 08/29/95 | EST | <1,000 | <1,000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <1,000 | NA | <1,000 | NA | NA | 1,000 | <1,000 | NA | NA | NA | NA | NA |
| SV101 | 13 | 04/18/97 | WOLFF | 720 | <500 | NA | NA | NA | 500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 19 | 04/18/97 | WOLFF | 1,500 | <500 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SV102 | 14 | 04/18/97 | WOLFF | 14,590 | 6,050 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 19 | 04/18/97 | WOLFF | 15,190 | 6,240 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SV103 | 14 | 04/18/97 | WOLFF | 20,420 | 2,780 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 19 | 04/18/97 | WOLFF | 19,090 | 4,220 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SV104 | 14 | 04/18/97 | WOLFF | 8,590 | 4,610 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 19 | 04/18/97 | WOLFF | 9,680 | 5,150 | NA | NA | NA | <500 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-2 | 5 | 08/22/20 | EEC | 68 | 50 | ND | ND | 4.7 | 35 | ND | 10 | ND | 62 | ND | 5.3 | 16 | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 29 J | 49 J | ND | ND | 22 J | 190 | ND | 32 J | 190 | 720 | ND | 1,200 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-5 | 5 | 08/21/20 | EEC | 350 | 150 | ND | ND | ND | 1,600 | 180 | 1,100 | ND | 140 J | ND | ND | ND | ND | NA | ND | NA | NA | 65 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 460 | 460 | ND | 51 | ND | 230 | 27 | 170 | ND | 56 | ND | 2.0 J | ND | ND | NA | ND | NA | NA | 110 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-8 | 5 | 08/22/20 | EEC | 190 | 280 | 28 | 130 | 16 | 60 | 9.0 | 28 | ND | 92 | ND | 24 | ND | 36 | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 170 | 1,300 | 910 | ND | ND | 24 | ND | 36 | ND | 180 | ND | 12 J | ND | ND | NA | 55 | NA | NA | 84 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-9 | 5 | 08/21/20 | EEC | 130 | 200 | ND | ND | ND | 37 | 3.7 | 19 | 320 | ND | ND | ND | ND | ND | NA | 1.1 J | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 87 | 390 | 110 | 77 | 1.7 J | 5.6 | 0.90 J | 8.4 | ND | 42 | ND | 1.2 J | ND | ND | NA | 0.48 J | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-10 | 5 | 08/22/20 | EEC | 200 | 1,300 | 93 | 250 | 100 | 33 | 8.5 J | 50 | ND | 99 | 120 | ND | 32 J | ND | NA | 1.8 J | NA | NA | 4.9 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 250 | 2,800 | 5,100 | 1,400 | 29 B,J | 59 | 14 J | 96 J | 350 | 1,700 | ND | 1,700 | ND | ND | NA | 220 | NA | NA | 25 J | 58 | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-13 | 5 | 08/22/20 | EEC | 280 | 1,300 | 770 | 210 | ND | 50 J | ND | 23 J | ND | 640 | ND | 620 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 270 | 1,700 | 3,100 | 360 | ND | 29 J | ND | ND | ND | 760 | ND | 470 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-14 | 5 | 08/22/20 | EEC | 360 | 820 | 54 | 490 | 95 | 39 | 100 | 120 | ND | 65 | ND | 5.0 J | ND | 37 | NA | ND | NA | NA | 64 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 120 | 3,300 | 1,100 | 1,400 | 6.7 | 11 | 160 | 490 | ND | 120 | ND | 5.9 J | 33 | ND | NA | ND | NA | NA | 19 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-15 | 5 | 08/22/20 | EEC | 230 | 87 J | ND | 150 | ND | 79 J | ND | 44 J | ND | 750 | ND | 1,100 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 260 | 140 | ND | 7.6 J | ND | 160 | 5.6 J | 42 J | ND | 71 J | ND | 5.8 J | ND | ND | NA | ND | NA | NA | 13 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-16 | 5 | 08/22/20 | EEC | 110 | 660 | 900 | 1,700 | 170 | 100 | 110 | 730 | ND | 260 J | ND | 17 J | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 100 J | 1,200 | 5,000 | 3,600 | 54 | 31 | ND | 23 J | ND | 700 | ND | 2,000 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-17 | 5 | 08/22/20 | EEC | 740 | 2,400 | 720 | 5,100 | 190 | 6,200 | 4,900 | 6,100 | 310 J | 3,600 | ND | 2,700 | 510 J | 700 | NA | 510 | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 120 | 190 | 220 | 2,000 | 24 | 510 | 410 | 1,200 | ND | 300 | ND | 46 J | 49 J | ND | NA | ND | NA | NA | 63 | 45 | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-18 | 5 | 08/22/20 | EEC | 980 | 2,200 | 3,400 | 1,300 | ND | 120 J | 38 J | 220 J | 280 J | 1,200 | ND | 1,400 | ND | 130 | NA | 580 | NA | NA | 3,300 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 2,200 | 2,500 | 14,000 | 4,300 | 57 J | 130 | 120 J | 680 | ND | 830 | ND | 1,000 | ND | ND | NA | ND | NA | NA | 3,600 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-20 | 5 | 08/21/20 | EEC | ND | 330 J | 940 | 1,300 | 120 J | 270 | 110 J | 260 J | ND | 1,200 | ND | 1,400 | ND | ND | NA | ND | NA | NA | ND | 480 | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | ND | 100 J | 890 | 2,500 | ND | 720 | 110 J | 210 J | ND | 990 J | ND | 1,100 | ND | ND | NA | ND | NA | NA | ND | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-21 | 5 | 08/22/20 | EEC | 4,000 | 6,000 | 18,000 | 10,000 | 3,700 | 320,000 | 30,000 | 130,000 | ND | 4,800 | ND | 3,500 | ND | ND | NA | 32,000 | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 820 | 290 J | 300 | 2,500 | 210 | 9,400 | 1,200 | 6,500 | ND | 15,000 | ND | 9,300 | ND | ND | NA | 860 | NA | NA | 110 J | 1,500 | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-22 | 5 | 08/22/20 | EEC | ND | 320 J | 330 J | 540 | ND | ND | ND | 160 J | ND | 3,600 J | ND | 5,600 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 530 | 2,100 | 120 | 1,800 | ND | ND | ND | 7.5 J | ND | 79 J | ND | 5.4 J | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-23 | 5 | 08/22/20 | EEC | 59 | 22 | 6.5 J | 27 | 48 | 150 | 19 J | 91 | ND | 51 J | ND | 7.7 J | ND | ND | NA | ND | NA | NA | 15 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 360 | 420 | 15 | 1,100 | ND | 53 | ND | 9.5 J | ND | 31 J | ND | 6.4 J | ND | ND | NA | 11 | NA | NA | 16 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-24 | 5 | 08/21/20 | EEC | 580 | 20 | ND | ND | 19 | 220 | 23 | 110 | ND | 120 | ND | ND | ND | ND | NA | ND | NA | NA | 36 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 980 | 120 | ND | 89 | ND | 92 | 20 | 97 | ND | 64 | ND | ND | ND | ND | NA | 4.1 J | NA | NA | 52 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-25 | 5 | 08/21/20 | EEC | 150 | 6.9 | 1.7 J | 1.6 J | 4.9 | 33 | 60 | 410 | ND | 46 | ND | 5.4 | ND | 3.5 | NA | ND | NA | NA | 35 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 680 | 71 | ND | 21 | 2.5 B,J | 11 J | 70 | 490 | ND | 41 | ND | ND | ND | ND | NA | ND | NA | NA | 160 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-26 | 5 | 08/27/20 | EEC | 10,000 | 1,000 | ND | 32 J | ND | 75 J | ND | 56 J | 300 | 1,100 | ND | 1,500 | ND | ND | NA | ND | NA | NA | 100 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/27/20 | EEC | 41,000 | 8,500 | 250 | 1,000 | ND | 130 J | ND | 130 J | ND | 1,500 | ND | 980 J | ND | ND | NA | ND | NA | NA | 440 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-27 | 5 | 08/21/20 | EEC | 390 | 2,500 | 580 | 960 | 14 | 160 | 21 | 120 | ND | 160 | ND | ND | ND | 27 | NA | 18 | NA | NA | 1,200 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 6,300 | 5,400 | 2,300 | 2,600 | 35 B,J | 140 | 23 J | 130 J | 700 | 2,800 | ND | 6,200 | ND | ND | NA | 43 | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |

**TABLE C4.** HISTORICAL SOIL VAPOR ANALYTICAL TEST RESULTS-DETECTED VOLATILE ORGANIC COMPOUNDS (VOCs) in µg/m$^3$
ROSEMEAD HOLDING LLC SITE
SOUTH EL MONTE, CALIFORNIA

| Sample ID/ Boring ID | Sample Depth (ft bgs) | Sample Date | Consultant | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Isopropyl alcohol | Acetone | Chloroform | Methylene Chloride | 2-Butanone | Carbon Disulfide | Methane | Vinyl Chloride | Freon 11 | Freon 12 | Freon 113 | 1,4-Dioxane | trans-1,2-DCE | 1,1-DCE | 1,1,1-TCA | 1,2,4-TMB | 1,2-DCP | BDCM | p-isopropyltoluene | Other VOCs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SFBRWQCB Commercial Screening Levels [a]** | | | | 67 | 100 | 1,200 | 260 | 14 | 44,000 | 160 | 15,000 | -- | 4,500,000 | 18 | 410 | 730,000 | -- | -- | 5.2 | -- | -- | 733,333 | 53 | 12,000 | 10,000 | 150,000 | 290 | 41 | 11 | -- | -- |
| **DTSC -Screening Levels[b]** | | | | 2 | -- | 35 | 7.7 | 0.42 | 1,300 | -- | -- | -- | -- | -- | 12 | -- | -- | -- | 0.2 | 5300 | -- | -- | -- | 350 | 350 | 4,400 | -- | -- | 0.33 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.03 Attenuation Factor** | | | | 67 | -- | 1167 | 257 | 14 | 43333 | -- | -- | -- | -- | -- | 400 | -- | -- | -- | 5 | 176667 | -- | -- | -- | 11667 | 11667 | 146667 | -- | -- | 11 | -- | -- |
| **DTSC -Screening Levels[b] with a 0.0005 Attenuation Factor** | | | | 4000 | -- | 70000 | 15400 | 840 | 2600000 | -- | -- | -- | -- | -- | 24000 | -- | -- | -- | 320 | 10600000 | -- | -- | -- | 700000 | 700000 | 8800000 | -- | -- | 660 | -- | -- |
| **US EPA[c] RSLs** | | | | 47 | 3 | -- | 7.7 | 1.6 | 22,000 | 4.9 | 440 | 880 | 140,000 | 0.53 | 1200 | 22,000 | 3100 | -- | 2.8 | -- | 440 | -- | -- | 180 | 880 | 22,000 | 260 | 3.3 | 0.33 | -- | -- |
| **US EPA[c] RSLs with a 0.03 Attenuation Factor** | | | | 1567 | 100 | -- | 257 | 53 | 733333 | 163 | 14667 | 29333 | 4666667 | 18 | 40000 | 733333 | 103333 | -- | 93 | -- | 14667 | -- | -- | 6000 | 29333 | 733333 | 8667 | 110 | 11 | -- | -- |
| **US EPA[c] RSLs with a 0.0005 Attenuation Factor** | | | | 94000 | 6000 | -- | 15400 | 3200 | 44000000 | 9800 | 880000 | 1760000 | 280000000 | 1060 | 2400000 | 44000000 | 6200000 | -- | 5600 | -- | 880000 | -- | -- | 360000 | 1760000 | 44000000 | 520000 | 6600 | 660 | -- | -- |
| SB-28 | 5 | 08/22/20 | EEC | 2,200 | 850 | 1,400 | 260 | 100 | 340 | 49 J | 390 | ND | 5,000 | ND | 22,000 | ND | 510 | NA | ND | NA | NA | 89 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 32,000 | 8,300 | 1,800 | 1,800 | ND | 830 | ND | ND | ND | 21,000 | ND | 66,000 | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-29 | 5 | 08/21/20 | EEC | 5,900 | 1,300 | 270 | 180 | 67 | 330 | 50 J | 280 J | ND | 6,000 | ND | 25,000 | ND | 380 | NA | ND | NA | NA | 52 J | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/21/20 | EEC | 5,200 J | 4,500 J | 11,000 | 6,800 | 3,400 J | 230,000 | 19,000 | 93,000 | ND | 31,000 | ND | 41,000 | ND | ND | NA | 20,000 | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-30 | 5 | 08/22/20 | EEC | 1,300 | 330 | 20 J | 29 J | ND | 51 | 9.0 J | 46 J | ND | 120 J | ND | 12 J | ND | ND | NA | ND | NA | NA | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 100,000 | ND | 2,500 | 2,400 | 160 J | 1,000 | 200 J | 1,000 | ND | 6,300 | ND | 38,000 | 760 J | 470 | NA | ND | NA | NA | 1,300 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-33 | 5 | 08/22/20 | EEC | 300 | 19 | ND | ND | 9.1 | 22 | 2.8 J | 21 | ND | ND | ND | 4.8 J | ND | ND | NA | ND | NA | NA | 66 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| | 15 | 08/22/20 | EEC | 5,100 | 980 | 18 | 12 J | 29 | 12 J | ND | 4.9 J | ND | ND | ND | 10 J | ND | ND | NA | ND | NA | NA | 180 | ND | NA | NA | NA | NA | NA | NA | NA | NA |
| HP-1 | 15 | 09/24/20 | EEC | 10,000 | 1,600 | 70 | 51 | 12 | 2,700 | 10 | 34 | NA | NA | 67 | NA | NA | 21 | NA | 7.2 | NA | NA | 96 | NA | 21 | 4.8 | 72 | 15 | <10 | 45 | 42 | Dibromochloromethane = 38 |
| | 15/DUP | 09/24/20 | EEC | 13,000 / 13,000 | 2,500 / 2,500 | 180 / 180 | 130 / 140 | 5.6 / 4.4 | 37 / 22 | 7.2 / <10 | 33 / 11 | NA | NA | 9.4 / 8.8 | NA | NA | <5.0 / <5.0 | NA | <5.0 / 5.4 | NA | NA | 97 / 96 | NA | 33 /32 | <5.0 / 3.4 | 84 / 77 | 7.8 / 3.2 | <10 / <10 | <5.0 / <5.0 | 30 / 12 | ND |
| | 30 | 09/24/20 | EEC | 6,900 | 2,000 | 530 | 240 | 4.6 | 22 | <10 | 16 | NA | NA | 10 | NA | NA | <5.0 | NA | 6.0 | NA | NA | 120 | NA | 49 | <5.0 | 41 | 6.4 | <10 | 6.2 | 10 | ND |
| | 40 | 09/24/20 | EEC | 1,400 | 1,000 | 1,100 | 340 | 6.8 | 20 | <10 | 18 | NA | NA | <5.0 | NA | NA | 52 | NA | 38 | NA | NA | 97 | NA | 26 | 9.2 | 6.6 | 5.8 | <10 | <5.0 | 22 | Dichlorodifluromethane = 2.8 |
| HP-2 | 5 | 09/24/20 | EEC | 18,000 | 3,600 | 500 | 270 | 13 | 62 | 8.8 | 36 | NA | NA | 49 | NA | NA | 18 | NA | 18 | NA | NA | 120 | NA | 94 | 10 | 89 | 4.0 | <5.1 | 24 | 11 | ND |
| | 15 | 09/24/20 | EEC | 30,000 | 7,900 | 2,500 | 770 | 5.2 | 27 | <5.9 | 18 | NA | NA | 17 | NA | NA | <1.2 | NA | 24 | NA | NA | 160 | NA | 220 | 15 | 110 | 2.6 | 26 | 5.6 | 11 | Chlorobenzene = 12 |
| | 30 | 09/24/20 | EEC | 25,000 | 8,600 | 3,900 | 960 | 4.4 | 19 | <5.9 | 10 | NA | NA | 7.4 | NA | NA | <1.2 | NA | 28 | NA | NA | 140 | NA | 280 | 9.4 | 69 | <1.8 | 37 | <1.5 | 7.4 | Chlorobenzene = 17 |
| | 40 | 09/24/20 | EEC | 7,400 | 6,500 | 4,900 | 1,000 | 5.0 | 9.0 | <5.9 | 4.4 | NA | NA | <4.2 | NA | NA | 15 | NA | 19 | NA | NA | 140 | NA | 250 | 10 | 20 | <1.8 | 30 | <1.5 | 6.4 | Chlorobenzene = 5.0 |
| HP-3 | 5 | 09/24/20 | EEC | 10,000 | 1,500 | 48 | 110 | 7.2 | 24 | <5.9 | 13 | NA | NA | 12 | NA | NA | <1.2 | NA | <2.3 | NA | NA | 110 | NA | 14 | <2.1 | 81 | <1.8 | <5.1 | 9.6 | <5.6 | ND |
| | 15 | 09/24/20 | EEC | 11,000 | 3,000 | 130 | 520 | <2.2 | 13 | <5.9 | 3.6 | NA | NA | 16 | NA | NA | <1.2 | NA | <2.3 | NA | NA | 140 | NA | 43 | <2.1 | 120 | <1.8 | <5.1 | <1.5 | <5.6 | ND |
| | 30 | 09/24/20 | EEC | 8,300 | 2,800 | 450 | 1,100 | 14 | 17 | <5.9 | 2.2 | NA | NA | 14 | NA | NA | <1.2 | NA | <2.3 | NA | NA | 190 | NA | 74 | 6.8 | 54 | <1.8 | <5.1 | 4.0 | 21 | ND |
| | 40 | 09/24/20 | EEC | 5,900 | 3,700 | 1,200 | 1,600 | 17 | 17 | <5.9 | 4.2 | NA | NA | <4.2 | NA | NA | 1.8 | NA | 7.8 | NA | NA | 230 | NA | 150 | 17 | 13 | <1.8 | <5.1 | <1.5 | 26 | ND |
| HP-4 | 5 | 09/25/20 | EEC | 5,900 | 2,200 | 5,600 | 6,300 | 1,800 | 37,000 | 15,000 | 63,000 | NA | NA | 33 | NA | NA | 63 | NA | 17,000 | NA | NA | <5.0 | NA | 230 | 35 | <5.0 | 5,200 | <10 | <5.0 | 240 | ND |
| | 15/DUP | 09/25/20 | EEC | 180 / 220 | 84 / 100 | 310 / 320 | 1,700 / 2,000 | 30 / 26 | 2,800 / 1,400 | 440 / 200 | 2,960 / 1,440 | NA | NA | 14 / 12 | NA | NA | <5.0 / <5.0 | NA | 550 / 740 | NA | NA | <5.0 / 13 | NA | 19 / 12 | 15 / 17 | <5.0 / <5.0 | 310 / 180 | <10 / <10 | 35 / 39 | 16 / 12 | ND |
| | 30 | 09/25/20 | EEC | 93 | 160 | 2,100 | 2,000 | 7.8 | 1,400 | 180 | 1,170 | NA | NA | 13 | NA | NA | <5.0 | NA | 610 | NA | NA | 18 | NA | 34 | 49 | <5.0 | 120 | <10 | <5.0 | 7.6 | ND |
| | 40 | 09/25/20 | EEC | 190 | 170 | 2,700 | 1,600 | 7.0 | 3,100 | 350 | 2,400 | NA | NA | <5.0 | NA | NA | 45 | NA | 670 | NA | NA | 13 | NA | 50 | 53 | <5.0 | 170 | <10 | <5.0 | 14 | ND |

Notes:

-- = Screening level not established
µg/m$^3$ = micrograms per cubic meter
(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), July 2019
(b) = Department of Toxic Substances (DTSC) HHRA Note 3 June 2020, Table 3. DTSC-recommended Screening Levels for Ambient Air Analytes
(c) = United States Environmental Protection Agency (USEPA) Regional Screening Levels, May 2021, for industrial air, cancer endpoint; noncancer enpoint used where cancer endpoint unavailable
J = Estimated value. Concentration detected above the method detection limit but below the reporting limit
NA = Not Analyzed
ND = Not detected above method detection limit
EEC = EEC Environmental
WOLFF = Michael Wolff, Inc.
EST = Environmental Support Technologies
IEEC = Inland Empire Environmental Services

< = Less than Laboratory Detection Limit
(m,p) = m,p-Xylene only for total
BDCM = Bromodichloromethane
DCA = Dichloroethane
DCE = Dichloroethene
DCP = Dichloropropane
PCE = Tetrachloroethylene
TCA = Trichloeoethane
TCE = Trichloroethylene
TMB = Trimethylbenzene
MTBE = Methyl tertiary-butyl ether
RED = at or exceeds commercial ESL

# APPENDIX C

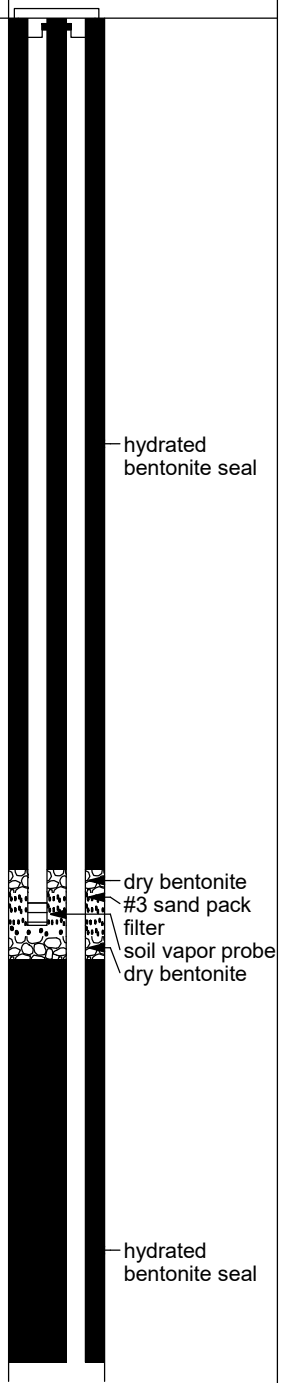
# BORING LOGS

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-1 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/23/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CL | | **Surface:** 4-inch thick asphalt layer, 1-inch thick aggregate base over; | 0.4 |
| | | | LV-1-1 | | 0.0 | | | CLAY with SAND; dark brown; moist; mostly fines, medium plasticity; little very fine to fine-grained sand; no odor. | |
| | | | | | | SC | | Clayey SAND; dark brown; moist; mostly very fine to fine-grained sand; some fines, low plasticity; no odor. | 4.0 |
| 5 | | | LV-1-5 | | 0.0 | | | | 5.5 |
| | | | | | | CL | | Sandy CLAY; brown; moist; mostly fines, low to medium plasticity; some very fine to fine-grained sand; no odor. | 6.0 |
| | | | | | | SC | | Clayey SAND; dark brown; moist; mostly very fine to fine-grained sand; some fines, low plasticity; no odor. | 7.5 |
| | | | | | | SP | | Poorly-graded SAND; tan to light gray; moist; mostly medium-grained sand, trace fine and coarse; trace fine to medium gravel. | |
| 10 | | | LV-1-10 | | 0.0 | | | Same as above; pale orange brown; no gravel. | |
| 15 | | | LV-1-15 | | 0.0 | | | | |
| | | | | | | | | Same as above; trace fine gravel. | |
| 20 | | | LV-1-20 | | 0.0 | SW | | Well-graded SAND with GRAVEL; light gray to brown to orangish brown; moist; mostly fine to coarse-grained sand; little fine to medium gravel. | 20.0 |
| | | | | | | SP | | Poorly-graded SAND; pale brown; moist; mostly medium-grained sand, trace coarse; no odor; dense (driller's note). Same as above; few fine, non-plastic to low plasticity. | 21.5 |
| 25 | | | | | 0.0 | | | Same as at 21.5 feet bgs. | |
| | | | | | | | | Same as above; light gray to brown; trace fine gravel. | |
| 30 | | | | | | | | | |




LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-1

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/23/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; pale brown; moist; mostly medium-grained sand, trace coarse; no odor; dense (driller's note). *(continued)* | | |
| | | | | | | | | | 33.0 | |
| | | | | | | | | Well-graded SAND; light gray to pale brown; moist; mostly fine to coarse-grained sand; trace to few fine to medium gravel; no odor. | | |
| 35 | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand pack<br>filter<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes installed at 20 and 35 feet bgs. | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

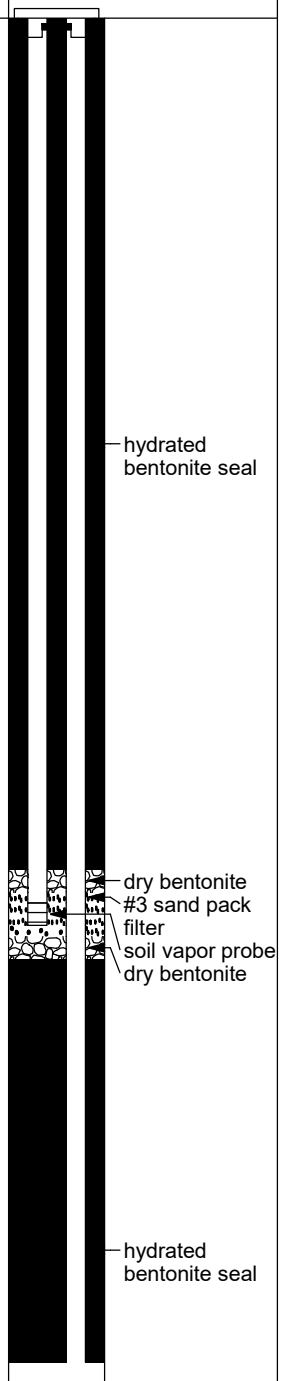
A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-2 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | LV-2-1 | | 0.0 | CL | | **Surface:** 3-inch thick concrete layer over; Sandy CLAY; dark brown; moist; mostly low plasticity fines; some very fine to fine sand; no odor. | 0.3 |
| 5 | | | LV-2-5 | | 0.0 | CL | | CLAY; light olive brown; moist; mostly medium plasticity fines; trace to few very fine-grained sand; no odor. | 5.0 |
| | | | | | | SP | | Poorly-graded SAND; light grayish brown; moist; mostly fine-grained sand, trace medium and coarse. | 7.5 |
| 10 | | | LV-2-10 | | 0.0 | | | | |
| | | | | | | SW | | Well-graded SAND; light grayish brown; moist; mostly fine to coarse-grained sand; trace fine to medium gravel. | 13.0 |
| 15 | | | LV-2-15 | | 0.0 | | | | |
| 20 | | | LV-2-20 | | 0.0 | | | | |
| | | | | | | SP | | Cobble; fragmented. Poorly-graded SAND; pale brown to light grayish brown; moist; mostly medium-grained sand, trace coarse; trace fine gravel. | 21.8 |
| 25 | | | | | 0.0 | | | Same as above; light grayish brown. | |
| | | | | | | SW | | Well-graded SAND; light grayish brown; moist; mostly fine to coarse-grained sand; trace fine to medium gravel. | 27.0 |
| 30 | | | | | | | | | |

WELL DIAGRAM




LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-2

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SW | | Well-graded SAND; light grayish brown; moist; mostly fine to coarse-grained sand; trace fine to medium gravel. *(continued)* | | |
| | | | | | | | | Cobble; fragmented. | 32.0 | |
| | | | | | | SP | | grades into Poorly-graded SAND; olive gray to olive brown; moist; mostly fine-grained sand, trace medium; trace fine gravel. | | |
| 35 | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand pack<br>filter<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 20 and 35 feet bgs | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-3 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface:** 5-inch thick concrete over 4-inch thick base over; | 0.8 | |
| | | | LV-3-1 | | 1.6 | SC | | Clayey SAND to Sandy CLAY; dark gray to brown; moist; mostly to some very fine to fine-grained sand; some to mostly low plasticity fines; slight TPH odor. | 2.0 | |
| | | | | | | CL | | CLAY; brown to dark brown; moist; mostly low to medium plasticity fines; few to little very fine-grained sand; no odor. | | hydrated bentonite seal |
| 5 | | | LV-3-5 | | 5.6 | | | Same as above; brown; medium plasticity. | | |
| | | | | | | | | Same as above; olive brown. | | |
| 10 | | | LV-3-10/LV-3-DUP1 | | | SP | | Poorly-graded SAND; light gray; moist; mostly fine to medium-grained sand, trace coarse; no odor. | 10.0 | dry bentonite<br>#3 sand pack filter<br>soil vapor probe<br>hydrated bentonite seal<br>dry bentonite |
| | | | | | | | | Same as above; trace fine gravel. | | |
| 15 | | | | | 4.0 | | | Same as at 10 feet. | | dry bentonite<br>#3 sand pack filter<br>soil vapor probe<br>dry bentonite |
| | | | | | | | | Same as above; light gray to dark gray. | | |
| 20 | | | | | 1.3 | | | Same as above; tan to light gray. | | hydrated bentonite seal |
| | | | | | | | | Same as at 17.5 feet. | | |
| | | | | | | CL | | CLAY; dark gray; moist; mostly low plasticity fines. | 23.0<br>23.3 | |
| | | | | | | SP | | Poorly-graded SAND; tan to light gray; moist; mostly fine to medium-grained sand, trace coarse; no odor. | | |
| 25 | | | | | 0.0 | | | | | |
| | | | | | | | | | 29.5 | |
| 30 | | | | | | CL | | CLAY with SAND; dark gray with banded light gray; moist; | 30.0 | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-3

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.9 | SW | | mostly low plasticity fines; little very fine to fine-grained sand; no odor. Well-graded SAND; gray to light gray; moist; mostly fine to coarse-grained sand; trace to few fine to medium gravel. | | |
| 35 | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand filter pack<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 10, 15, 35 feet bgs | | |

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-4 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/18/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 3-inch thick asphalt over 2-inch thick base layer over; | 0.4 |
| | | | LV-4-1 | | 2.0 | SM | | Silty SAND with GRAVEL; light grayish brown to brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel. | 1.5 |
| | | | | | 0.0 | | | Silty SAND; dark gray; moist; mostly fine-grained sand, trace medium; some non-plastic fines; no odor. | |
| | | | | | | | | Same as above; brown to grayish brown. | |
| 5 | | | LV-4-5 | | | | | Same as above; light brown to brown; fine to medium-grained sand. | 6.0 |
| | | | | | | CL | | 3-inch thick CLAY interbed; brown; moist; mostly low plasticity fines. | 6.3 |
| | | | | | | SP | | Poorly-graded SAND; brown mottled with orange, light gray, and light brown; moist; mostly fine to medium-grained sand; trace fines; no odor. | |
| 10 | | | LV-4-10 | | | SC | | Clayey SAND; dark gray; moist to very moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor. | 10.0 |
| | | | | | | SP | | Poorly-graded SAND; light gray; moist; mostly fine to medium-grained sand; trace fines. | 11.5 |
| | | | | | | | | Same as above; medium to coarse-grained sand. | |
| 15 | | | | | | | | 2-inch thick CLAY lense. | 15.0 |
| | | | | | 0.0 | CL | | Sandy CLAY; dark gray; very moist; mostly medium plasticity fines; some very fine-grained sand; no odor. | |
| | | | | | | SP | | Poorly-graded SAND; light gray; moist; mostly medium to coarse-grained sand; trace fines. | 16.5 |
| 20 | | | | | 0.0 | | | Same as above; trace medium gravel. | 21.0 |
| | | | | | | CL | | 3-inch thick clay interbed; dark gray; no odor. | 21.3 |
| | | | | | | SP | | Poorly-graded SAND; light gray; moist; mostly medium to coarse-grained sand; trace fines. | |
| | | | | | | CL | | Sandy CLAY; light gray; moist; mostly low plasticity fines; some very fine to fine-grained sand; laminated; no odor. | 23.5 |
| 25 | | | | | 0.0 | SP | | Poorly-graded SAND; light gray; moist; mostly medium to coarse-grained sand; trace fines. | 25.5 |
| | | | | | | | | Same as above; grades into medium to coarse-grained sand. | |
| | | | | | | | | Same as above; trace gravel. | |
| 30 | | | | | | | | | |

WELL DIAGRAM

- hydrated bentonite seal
- dry bentonite
- #3 sand pack filter
- soil vapor probe
- dry bentonite
- hydrated bentonite seal
- dry bentonite
- #3 sand pack filter
- soil vapor probe
- dry bentonite
- hydrated bentonite seal

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-4

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/18/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; light gray; moist; mostly medium to coarse-grained sand; trace fines. *(continued)* | | |
| | | | | | | | | | 32.0 | |
| | | | | | | SW | | Well-graded SAND; light to dark gray; moist; mostly fine to coarse-grained sand; trace fine to medium gravel; no odor. | 33.0 | |
| | | | | | | CL | | CLAY; dark gray; moist; mostly low plasticity fines; trace to few very fine to fine-grained sand; no odor. | 33.5 | |
| | | | | | | SW | | Well-graded SAND; light to dark gray; moist; mostly fine to coarse-grained sand; trace to few fine to medium gravel; no odor. | | dry bentonite<br>#3 sand filter pack<br>soil vapor probe |
| 35 | | | | | 0.0 | | | | 35.5 | |

Total Depth: 35.5 feet
No Groundwater Encountered
Soil Vapor Probes set at 5, 14, and 35 feet bgs

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-5 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/23/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 3-inch thick asphalt over; | 0.3 |
| | | | LV-5-1 | | 0.0 | CL | | Silty SAND with GRAVEL; brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel. | 1.0 |
| | | | | | | | | CLAY with SAND; dark brown to olive brown mottled with orange; mostly low to medium plasticity fines; few to little very fine-grained sand; no odor. | |
| | | | | | | | | Same as above; trace to few very fine-grained sand. | |
| 5 | | | LV-5-5 | | 0.0 | SC | | Clayey SAND; brown; moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor. | 5.0 |
| | | | | | | SP | | Poorly-graded SAND; light gray to light brown; moist; mostly fine-grained sand, trace medium; trace fine gravel. | 7.0 |
| 10 | | | LV-5-10/LV-5-10DUP | | 0.0 | | | Same as above; mostly medium-grained sand, trace coarse. | |
| 15 | | | LV-5-15 | | 0.0 | | | | |
| | | | | | | CL | | CLAY with SAND; dark brown mottled with orange brown; moist; mostly low to medium plasticity fines; little very fine-grained sand; angular contact with underlying unit; no odor | 16.0 |
| | | | | | | SP | | Poorly-graded SAND; light gray to light brown; moist; mostly medium-grained sand, trace coarse; trace fine gravel. | 16.5 |
| 20 | | | LV-5-20 | | 0.0 | | | Same as above; light brown; mostly fine-grained sand, trace medium and coarse. | |
| | | | | | | CL | | CLAY; olive brown mottle with orange and brown; moist; mostly medium plasticity fines; trace fine-grained sand; no odor. | 24.0 |
| 25 | | | | | 0.0 | CL SW | | CLAY interbedded with Well-graded SAND; dark gray to olive brown; moist; mostly low to medium plasticity fines; few very fine to fine-grained sand; thinly bedded; no odor; SAND; pale orange to light gray; moist; mostly fine to coarse sand; trace fine gravel; thinly bedded. | 25.5 |
| | | | | | | CL | | CLAY with SAND; dark gray to gray; moist; mostly low plasticity to medium plasticity fines; few to little very fine-grained sand; no odor. | 28.0 |
| 30 | | | | | | SW | | | 29.5 |

WELL DIAGRAM: hydrated bentonite seal; dry bentonite; #3 sand pack filter; soil vapor probe; dry bentonite; hydrated bentonite seal

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-5

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/23/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SW | | Well-graded SAND; light brown to pale orange; moist; fine to coarse sand; trace to few fine gravel. *(continued)* | 31.0 | |
| | | | | | | | | Cobble; fragmented. | 31.3 | |
| | | | | | | SP | | Poorly-graded SAND; light brown; moist; mostly medium-grained sand, trace coarse; trace fines. | | dry bentonite; #3 sand pack filter; soil vapor probe |
| | | | | | | | | | 34.5 | |
| 35 | | | | | 0.0 | CL | | CLAY with SAND; dark gray to gray; moist; mostly low plasticity to medium plasticity fines; few to little very fine-grained sand; no odor. | 35.5 | |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 20 and 34 feet bgs | | |

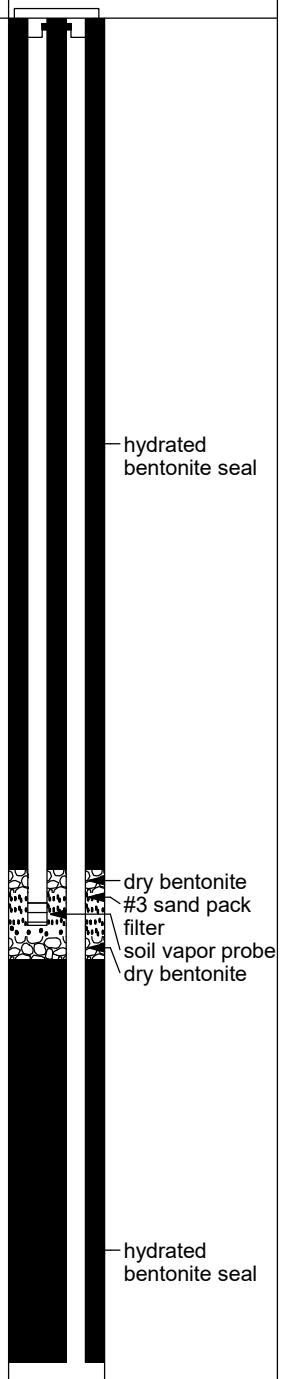
LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-6 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SP | | **Surface:** 5-inch thick asphalt over; Poorly-graded SAND with SILT; pale orange brown; moist; mostly medium-grained sand; few non-plastic fines. | 0.4 |
| | | | LV-6-1 | | 0.0 | | | | |
| | | | | | | CL | | CLAY; brown to dark brown; moist; mostly low to medium plasticity fines; trace very fine to fine-grained sand. | 2.5 |
| 5 | | | LV-6-5 | | 0.0 | | | Same as above; dark brown; medium plasticity. | |
| | | | | | | SC | | Clayey SAND; dark brown to dark gray; mostly very fine to fine-grained sand; some low to medium plasticity fines. | 7.5 |
| 10 | | | LV-6-10 | | 0.0 | SW | | Same as above; trace fine gravel. Well-graded SAND with GRAVEL; pale orange to light brown; moist; mostly fine to coarse-grained sand; few to little fine to medium gravel. Same as above; light gray. | 10.0 |
| 15 | | LV-6-15/ | LV-6-[illegible]DUP | | 0.0 | | | Cobble; fragmented. | |
| | | | | | | SP | | Poorly-graded SAND; light gray to tan; moist; mostly fine-grained sand; trace fines. | 16.0 |
| 20 | | | LV-6-20 | | 0.0 | | | Same as above; mostly medium sand; pale orange. 1-inch clay lense; dark brown. | |
| 25 | | | | | 0.0 | SW | | Well-graded SAND; light gray to light brown; mostly fine to coarse-grained sand; trace fine gravel. | 25.0 |
| | | | | | | | | 2"-thick clay layer; dark brown; moist. | 27.0 |
| | | | | | | CL | | CLAY; dark gray; moist; mostly medium plasticity fines; no odor. | 27.3 |
| 30 | | | | | | | | Well-graded SAND; light gray to light brown; mostly fine to coarse-grained sand; trace fine gravel. | |




LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-6

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| 35 | | | | | 0.0 | | | Well-graded SAND; light gray to light brown; mostly fine to coarse-grained sand; trace fine gravel. *(continued)* | | |
| | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand pack<br>filter<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 20 and 35 feet bgs | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-7 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 3-inch thick concrete over; | 0.3 |
| | | | LV-7-1 | | 650.5 | | | Silty SAND with GRAVEL; gray to light gray; slightly moist; mostly medium to coarse-grained sand; some non-plastic fines; trace gravel. | 1.5 |
| | | | | | | CL | | CLAY; dark gray to olive gray; moist; mostly low plasticity fines; trace very fine sand; no odor. | |
| 5 | | | LV-7-5 | | 0.0 | | | Same as above; medium plasticity. | 5.5 |
| | | | | | | SP | | Poorly-graded SAND; brown; moist; mostly fine-grained sand; few fines. | 7.5 |
| | | | | | | CH | | CLAY; brown to olive brown; moist; mostly medium to high plasticity fines; no odor. | |
| 10 | | | LV-7-10 | | 0.0 | | | | 11.5 |
| | | | | | | SC | | Clayey SAND; brown to light brown; mostly fine-grained sand; some low plasticity fines; no odor. | 12.0 |
| | | | | | | SP | | Poorly-graded SAND; brown; moist; mostly fine-grained sand; few fines. | |
| 15 | | | | | 0.0 | SC | | Clayey SAND to Sandy CLAY; brown; moist; mostly to some fine-grained sand; some to mostly low plasticity fines. | 15.0 |
| | | | | | | SW | | Well-graded SAND with GRAVEL; gray to light gray; mostly fine to coarse-grained sand; little to some fine to coarse gravel. | 17.5 |
| 20 | | | | | 0.0 | | | | |
| 25 | | | | | 0.0 | CL | | CLAY; dark gray; moist; mostly medium plasticity fines; trace to few very fine-grained sand; no odor; thinly interbedded sand. | 25.0 |
| | | | | | | SP | | Poorly-graded SAND; light gray with bands of brown and dark brown; moist; mostly fine to medium-grained sand; trace fines; no odor. | 28.5 |
| 30 | | | | | | | | | |

WELL DIAGRAM: hydrated bentonite seal; dry bentonite; #3 sand pack; filter; soil vapor probe; dry bentonite; dry bentonite; #3 sand pack; filter; soil vapor probe; dry bentonite; hydrated bentonite seal

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-7

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; light gray with bands of brown and dark brown; moist; mostly fine to medium-grained sand; trace fines; no odor. *(continued)* | | |
| 35 | | | | | 0.0 | | | | 35.5 | dry bentonite<br>#3 sand filter pack<br>soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 7, 15, and 35 feet bgs | | |

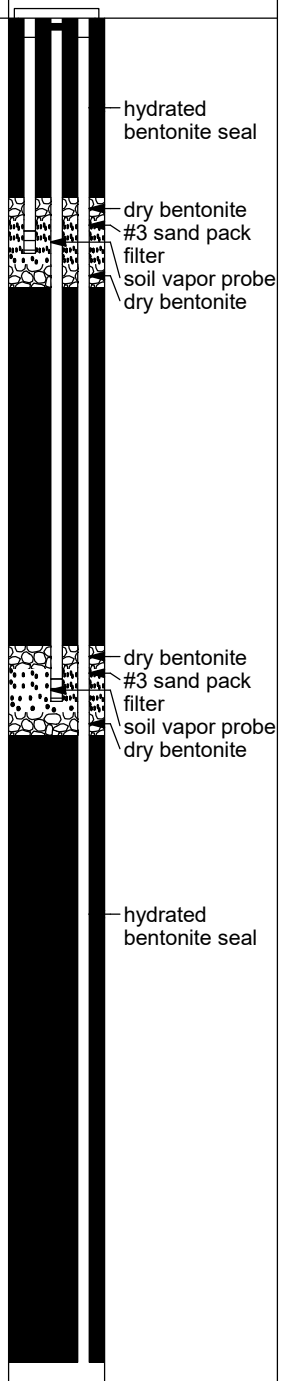
LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-8 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/18/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | **Surface:** 2-inch thick concrete over; Silty SAND with GRAVEL; dark brown to dark gray; moist; mostly fine to coarse-grained sand; some non-plastic fines; few fine to coarse gravel; TPH odor. Plastic and metal cap trash debris. | 0.2 |
| | | | LV-8-1 | | 45.6 | | | 3.0 |
| | | | LV-8-3 | | | CL | Sandy CLAY; dark grayish brown; moist; mostly low plasticity fines; little very fine to fine-grained sand; no odor; angular contact with underlying unit | 4.5 |
| 5 | | | LV-8-5 | | 0.0 | SP | lense of Poorly-graded SAND; red-orange to orange; dry; mostly very fine-grained sand; stong cementation. | 5.0 |
| | | | | | | SC | Clayey SAND; tan to light brown; moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor; no discoloration. | 7.5 |
| | | | | | | CL | Sandy CLAY; brown; moist; mostly low plasticity to medium plasticity fines; some very fine to fine-grained sand. | 8.0 |
| | | | | | | SP | Poorly-graded SAND; light brown to brown; moist; mostly fine-grained sand. | 8.5 |
| | | | | | | CL | Sandy CLAY; dark brown to gray; moist; mostly low plasticity to medium plasticity fines; some very fine to fine-grained sand. | 10.0 |
| 10 | | | LV-8-10 | | 0.0 | SP | Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand; trace fines. | 10.8 |
| | | | | | | SC | Clayey SAND; dark grayish brown; moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor. | 11.8 |
| | | | | | | SP | Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand; trace fines. | 13.0 |
| 15 | | | | | 0.0 | SC | Clayey SAND; dark grayish brown; moist; mostly very fine to fine-grained sand; some low plasticity fines; no odor. | 13.3 |
| | | | | | | SP | Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand; trace fines. Same as above; medium to coarse-grained sand. Same as above; tan to gray; trace gravel. | |
| 20 | | | | | 0.0 | | | 22.0 |
| | | | | | | | Cobble; fragmented. | 22.5 |
| | | | | | | SP | Poorly-graded SAND; tan to gray; slightly moist; mostly medium to coarse-grained sand; trace fines. | 24.0 |
| 25 | | | | | 0.0 | SM | Silty SAND; dark brown to gray; moist. | 24.3 |
| | | | | | | SP | Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand; trace fines. | 26.5 |
| | | | | | | CL | Sandy CLAY to Clayey SAND; dark brown; moist; mostly to some low plasticity fines; some to mostly very fine to fine-grained sand; no odor. | 28.0 |
| | | | | | | SP | Poorly-graded SAND; light brown; moist; mostly fine-grained sand; trace fines. | 29.0 |
| 30 | | | | | | CL | CLAY; dark brown; moist; mostly low plasticity fines. | 29.3 |




LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



Continued Next Page

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

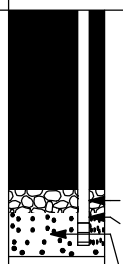
**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-8

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/18/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; tan to gray; slightly moist; mostly medium to coarse-grained sand; trace fines. *(continued)* | | |
| | | | | | | SP | | Same as above; light gray. | 31.0 | |
| | | | | | | | | Cobble; fragmented. | 31.5 | |
| | | | | | | CL | | Sandy CLAY; dark reddish brown; moist; mostly low plasticity fines; some very fine to fine-grained sand; thinly interbedded SP interbeds. | 34.0 | |
| | | | | | | SP | | Poorly-graded SAND; tan to light brown; moist; mostly very fine to fine-grained sand; trace fines; no odor. | | |
| 35 | | | | | 0.0 | | | | 35.5 | |

Total Depth: 35.5 feet
No Groundwater Encountered
Soil Vapor Probes set at 5, 15, and 35 feet bgs




LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-9 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/22/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | **Surface:** 5-inch thick aggragate base layer over; Silty SAND; brown; moist; mostly fine to medium-grained sand; some non-plastic fines; trace fine to coarse gravel. | 0.4 |
| | | | LV-9-1 | | 0.0 | | | 2.0 |
| | | | | | | ML | Sandy SILT; dark brown; moist; mostly non-plastic fines; some very fine to fine-grained sand. | |
| 5 | | | LV-9-5 | | 0.0 | | | 5.5 |
| | | | | | | SM | Silty SAND; brown; moist; mostly very fine to fine-grained sand; little non-plastic fines. | 6.5 |
| | | | | | | CL | CLAY; brown to dark brown; mostly low to medium plasticity fines; trace very fine-grained sand; no odor. | |
| 10 | | | LV-9-10<br>LV-9-10-DUP | | 0.0 | SP | Poorly-graded SAND; light grayish brown to dark gray; moist; mostly fine-grained sand, trace medium; trace fines. | 10.0 |
| | | | | | | SC | Clayey SAND; orange brown to brown; moist; mostly fine-grained sand; little low plasticity fines. | 14.5<br>15.0 |
| 15 | | | | | | SP | Poorly-graded SAND; light brown to light gray; moist; mostly fine-grained sand, trace medium; trace fines.<br>2-inch thick clay interbed.<br>Same as at 15 feet; medium-grained sand, trace coarse. | 18.0 |
| | | | | | | CL | CLAY; dark gray; mostly medium plasticity fines; trace very fine-grained sand; no odor. | 18.5 |
| | | | | | | SP | Poorly-graded SAND; light brown to light gray; moist; mostly medium-grained sand, trace medium; trace fines. | |
| 20 | | | | | | | Same as above; few fine gravel. | |
| | | | | | | | | 25.0 |
| 25 | | | | | | GW | Well-graded GRAVEL with SAND; light gray; slightly moist; mostly fine to coarse gravel; some fine to coarse-grained sand. | 25.5 |
| | | | | | | SW | | 26.0 |
| | | | | | | SC | Well-graded SAND; light gray to brown to orange brown; moist; mostly fine to coarse-grained sand; few fine gravel. | 27.5 |
| | | | | | | CL | Clayey SAND; brown mottled with orange; mostly fine-grained sand; some non-plastic to low plasticity. | 29.0 |
| 30 | | | | | | SC | CLAY; gray to dark gray; mostly low plasticity fines; trace very fine-grained; no odor. | 30.0 |

WELL DIAGRAM

- hydrated bentonite seal
- dry bentonite
- #3 sand pack
- filter
- soil vapor probe
- dry bentonite
- dry bentonite
- #3 sand pack
- filter
- soil vapor probe
- dry bentonite
- hydrated bentonite seal

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-9

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/22/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CL | | Clayey SAND; brown mottled with orange; mostly fine-grained sand; some non-plastic to low plasticity. CLAY; gray to dark gray; mostly medium plasticity fines; trace very fine-grained; no odor. | 33.0 | |
| 35 | | | | | | SP | | Poorly-graded SAND; gray; mostly fine-grained sand; trace to few fines; no odor. | 35.5 | dry bentonite, #3 sand filter pack, soil vapor probe |
| | | | | | | | | Total Depth: 35.5 feet<br>No Groundwater Encountered<br>Soil Vapor Probes set at 6, 15, and 35 feet bgs | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

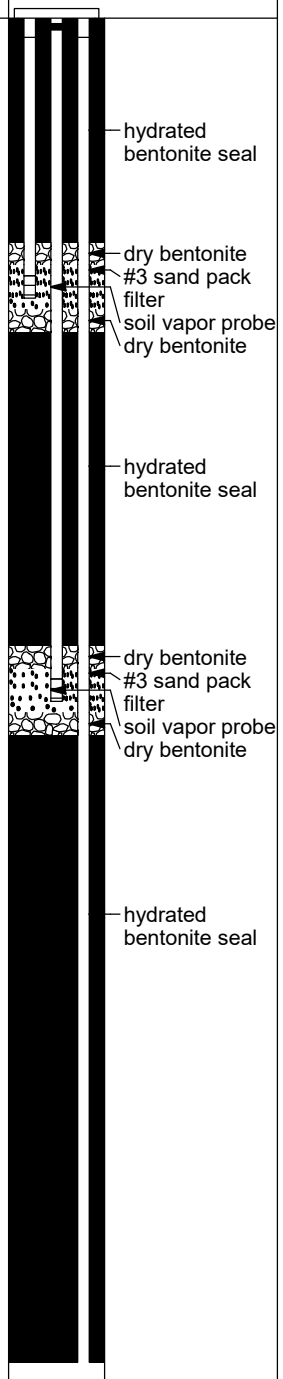
A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-10 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | Teflon Tube / 1/4-inch |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | Nyloflow / 6 |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | #3 Sand |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | Hydrated Bentonite Chip |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | **Surface:** 5-inch thick gravel base material over; Silty SAND with GRAVEL; dark brown to brown; dry to slightly moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel; asphalt and brick fragments. | 0.4 |
| | | | LV-10-1 | | 0.0 | ML | Sandy SILT; reddish brown to orange brown; dry to slightly moist; mostly fines, non-plastic; some very fine to fine-grained sand, trace medium; no odor. | 2.0 |
| 5 | | | LV-10-5 | | 0.0 | SP | Poorly-graded SAND; light brown to light yellowish brown; moist; mostly fine-grained sand, trace medium; trace to few non-plastic fines. | 5.5 |
| | | | | | | CL | Sandy CLAY; dark brown; moist; mostly fines, low plasticity; few to little very fine to fine-grained sand. | 7.5 |
| | | | | | | SP | Poorly-graded SAND; light brown to light yellowish brown; moist; mostly fine-grained sand, trace medium; trace to few non-plastic fines. | 7.9 |
| 10 | | | LV-10-10 | | 0.0 | CL | 3-inch thick Sandy CLAY layer. | 9.8 |
| | | | | | | SP | Poorly-graded SAND; light brown to light yellowish brown; moist; mostly fine-grained sand, trace medium; trace to few non-plastic fines. Same as above; light gray to light brown; mostly fine to medium-grained sand. | 10.0 |
| 15 | | | | | 0.0 | | Same as above; medium-grained sand, trace coarse. | |
| 20 | | | | | 0.0 | | 1-inch thick clay interbed. | |
| 25 | | | | | 0.0 | | Same as above; trace fine gravel for the next 3 inches. | |
| | | | | | | SW | Well-graded SAND; dry to slightly moist; light gray mottled with orange brown; mostly fine to coarse-grained sand; few fine to medium gravel. | 26.0 |
| | | | | | | | | 28.5 |
| | | | | | | SP | Cobble; fragmented. | 29.0 |
| 30 | | | | | | | | |

WELL DIAGRAM




LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21



*Continued Next Page*

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001 **BORING/WELL NUMBER** LV-10

**PROJECT NAME** Rosemead Holding LLC **DATE DRILLED** 6/21/2021

*Continued from Previous Page*

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0.0 | SP | | Poorly-graded SAND; light gray with banded dark brown and reddish brown; moist; mostly medium-grained sand, trace coarse; trace to few non-plastic fines. *(continued)* | 31.5 | |
| | | | LV-10-35 | | 0.0 | CL | | CLAY; dark gray; moist; mostly fines, medium plasticity fines; trace very fine sand; no odor. | 32.5 | |
| | | | | | | SP | | Same as above; dark brown. | | |
| 35 | | | | | 0.0 | | | Poorly-graded SAND; light gray; slightly moist; mostly fine to medium-grained sand, trace coarse; trace fines. Cobble; fragmented. | 35.5 | dry bentonite<br>#3 sand filter pack<br>soil vapor probe |

Total Depth: 35.5 feet
No Groundwater Encountered
Soil Vapor Probes set at 6, 15, and 35 feet bgs

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-11 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface** 5-inch thick layer of concrete over; | 0.4 | |
| | | | LV-11-1 | | 0.0 | SM | | Silty SAND with GRAVEL; brown to dark brown; moist; mostly fine to medium-grained sand; some non-plastic fines; few to little fine to coarse gravel. | 2.0 | |
| | | | LV-11-2 | | 0.0 | CL | | CLAY; grayish brown to brown; mostly low plasticity fines; few very fine to fine-grained sand; no odor. | | |
| 5 | | | LV-11-5 | | 0.0 | | | | 6.5 | |
| | | | LV-11-7 | | 0.0 | SP | | Poorly-graded SAND; light brown; moist; mostly fine-grained sand; few fines; no odor. | | |
| | | | | | | | | Same as above; grades to light grayish brown mottled with reddish orange and dark brown. | | |
| 10 | | | LV-11-10 | | 0.0 | | | | 10.0 | |
| | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with bentonite | | |

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-12 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface:** 4-inch thick concrete layer over; | 0.3 | |
| | | | LV-12-1 | | 0.6 | SM | | Silty SAND with GRAVEL; brown; moist; mostly fine to medium-grained sand; little non-plastic fines; no odor. | 1.5 | |
| | | | | | | ML | | SILT; grayish brown; slightly moist; mostly non-plastic fines; trace very fine-grained sand; no odor. | 2.5 | |
| | | | LV-12-2 | | 0.0 | CL | | Sandy CLAY; grayish brown to dark brown; moist; mostly low to medium plasticity fines; little very fine to fine-grained sand; no odor. | | |
| 5 | | | LV-12-5 | | 0.0 | | | | 5.5 | |
| | | | | | | SP | | Poorly-graded SAND with SILT; light grayish brown; moist; mostly fine-grained sand; few to little non-plastic fines; no odor. | 7.5 | |
| | | | LV-12-7 | | 0.0 | CL | | CLAY; grayish brown mottled with orange; moist; mostly low plasticity fines; trace to few very fine-grained sand. | 8.0 | |
| | | | | | | SP | | Poorly-graded SAND; light brown mottled with orange and gray; mostly fine-grained sand; trace to few fines; trace rootlets. | | |
| 10 | | | LV-12-10 | | 0.0 | | | | 10.0 | |

Total Depth: 10 feet
No Groundwater Encountered
Backfilled with bentonite

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-13 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/18/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SM | | **Surface:** 3-inch thick asphalt over; | 0.3 | |
| | | | LV-13-1 | | 0.6 | CL | | Silty SAND with GRAVEL: brown to dark brown; mostly fine to medium-grained sand; some non-plastic fines; few to little fine to coarse gravel. | 1.0 | |
| | | | LV-13-2 | | 0.0 | | | Sandy CLAY; brown; moist; mostly low plasticity fines; some very fine to fine-grained sand; no odor. | | |
| 5 | | | LV-13-5 | | 0.0 | SM | | Silty SAND; light brown to orange brown; mostly fine to medium-grained sand; some non-plastic fines. | 5.0 | |
| | | | LV-13-7 | | 0.0 | | | Same as above; light brown mottled with reddish brown and gray. | 8.0 | |
| | | | | | | SP | | Poorly-graded SAND; light gray; moist; mostly fine-grained sand; trace fines; no odor. | | |
| 10 | | | LV-13-10 | | 0.0 | | | | 10.0 | |

Total Depth: 10 feet
No Groundwater Encountered
Backfilled with bentonite

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-14A |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/18/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | LV-14A-1 | | 13.9 | SM | | **Surface:** 5-inch thick asphalt layer over; Silty SAND with GRAVEL; dark grayish brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel; slight TPH odor. | 0.4 | |
| | | | LV-14A-2 | | 4.2 | | | | | |
| 5 | | | LV-14A-5 | | 0.0 | CL | | Sandy CLAY; olive brown; moist; mostly medium plasticity fines; some very fine to fine-grained sand. | 4.5 | |
| | | | LV-14A-7 | | 0.0 | SC CL | | Clayey SAND to Sandy CLAY; gray to light gray; moist; mostly to some very fine to fine-grained sand; some to mostly low to medium plasticity fines; no odor. | 6.5 | |
| 10 | | | LV-14A-10 | | 0.0 | CL | | CLAY with SAND; dark gray moist; medium plasticity fines; few to little very fine to fine-grained sand. | 9.0<br>10.0 | |

Total Depth: 10 feet
No Groundwater Encountered
Backfilled with bentonite

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

**PROJECT NUMBER** 13111.001
**PROJECT NAME** Rosemead Holding LLC
**LOCATION** South El Monte, California
**DRILLING METHOD** Direct Push
**SAMPLING METHOD** Direct Push
**GROUND ELEVATION**
**TOP OF CASING**
**LOGGED BY** M. Vilkas
**REMARKS** No probes installed

**BORING/WELL NUMBER** LV-14B
**DATE DRILLED** 6/18/2021
**CASING TYPE/DIAMETER**
**SCREEN TYPE/SLOT**
**GRAVEL PACK TYPE**
**GROUT TYPE/QUANTITY**
**DEPTH TO WATER**
**GROUND WATER ELEVATION**

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface:** 5-inch thick asphalt layer over; | 0.4 | |
| | | | | | | SM | | Silty SAND with GRAVEL; dark grayish brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; few to little fine to coarse gravel; slight TPH odor. | 2.0 | |
| | | | LV-14B | | 2.2 | | | | | |

Total Depth: 2 feet
No Groundwater Encountered
Backfilled with bentonite

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-15 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SP | | **Surface:** 4-inch thick concrete layer over; Poorly-graded SAND with SILT; light grayish brown to brown; moist; mostly fine-grained sand; few non-plastic fines; no odor. | 0.3 | |
| | | | LV-15-1 | | 0.0 | | | | | |
| | | | LV-15-2 | | 0.0 | | | | | |
| 5 | | | LV-15-5 | | 0.0 | | | | | |
| | | | LV-15-7 | | 0.0 | | | Same as above; grades to brown and orange brown. | | |
| | | | LV-15-10 | | 0.0 | | | | 10.0 | |
| 10 | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with bentonite | | |

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-16 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Surface:** 5-inch thick concrete over; | 0.4 | |
| | | | | | | SM | | Silty SAND with GRAVEL; grayish brown; moist; mostly fine to coarse-grained sand; some non-plastic fines; trace to few fine to medium gravel; no odor. | 1.0 | |
| | | | LV-16-1 | | 0.0 | CL | | Cobble; fragmented | 2.5 | |
| | | | LV-16-2 | | 0.0 | SC | | Sandy CLAY; moist; dark grayish brown; mostly low plasticity fines; some very fine to fine-grained sand; no odor. | 3.0 | |
| | | | | | | SP | | Clayey SAND; dark brown; moist; mostly fine-grained sand; some non-plastic to low plasticity fines; no odor. | | |
| 5 | | | LV-16-5 | | 0.0 | | | Poorly-graded SAND; light brown mottled with reddish orange; moist; mostly fine to medium-grained sand; trace to few fines. | | |
| | | | LV-16-7 | | 0.0 | | | | 8.5 | |
| | | | | | | CL | | CLAY; dark brown; moist; mostly low plasticity fines; trace to few very fine to fine-grained sand. | 9.0 | |
| | | | LV-16-10 | | 0.0 | SP | | Poorly-graded SAND; light brown mottled with reddish orange; moist; mostly fine to medium-grained sand; trace to few fines. | 10.0 | |
| 10 | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with bentonite | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-17 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | SAMPLE ID. | PID (ppm) | U.S.C.S. | LITHOLOGIC DESCRIPTION | CONTACT DEPTH |
|---|---|---|---|---|---|
| | | | SM | **Surface:** 5-inch thick concrete layer over; Silty SAND; brown ; moist; mostly fine to coarse-grained sand; some non-plastic fine; slight TPH odor. | 0.4 |
| | LV-17-1 | 78.7 | ML | Same as above; gray; strong TPH odor. | 1.5 |
| | LV-17-2 | 278.0 | | Sandy SILT; dark gray; moist; mostly non-plastic fines; some fine-grained sand; strong TPH odor. | |
| 5 | | | | | 5.0 |
| | LV-17-5 | 22.2 | SM | Silty SAND; light gray; moist; mostly fine to medium-grained sand; some non-plastic fines; slight TPH odor. | 6.0 |
| | | | SP | Poorly-graded SAND; light gray to tan; moist; mostly very fine to fine-grained sand; few fines; slight TPH odor. | |
| | LV-17-7 | 2.5 | | | 8.5 |
| | | | CL | CLAY; dark gray; moist; no odor. | 8.8 |
| | LV-17-10 | 0.0 | SP | Poorly-graded SAND; light gray to tan; moist; mostly very fine to fine-grained sand; few fines; slight TPH odor. | 10.0 |
| 10 | | | | | |

Total Depth: 10 feet
No Groundwater Encountered
Backfilled with Bentonite

WELL DIAGRAM

LAEWNN01 LV-(1-19).LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-18 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | LV-18-1 | | 0.0 | SM | | **Surface:** Silty SAND; light brown; dry; mostly fine to medium-grained sand, trace coarse; some non-plastic fines; scattered rootlets. | | |
| | | | LV-18-2 | | 0.0 | | | | | |
| 5 | | | LV-18-5 | | 0.0 | | | | | |
| | | | LV-18-7.5 | | 0.0 | SP | | Poorly-graded SAND; light brown mottled with orange brown; moist; mostly fine-grained sand; trace fines. | 7.5 | |
| | | | | | | | | | 9.0 | |
| 10 | | | LV-18-10 | | 0.0 | CL | | CLAY; light brown to tan; moist; mostly low plasticity fines; few very fine-grained sand; scattered rootlets. | 10.0 | |
| | | | LV-18-10-DUP | | | | | | | |
| | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with Bentonite | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

A Leighton Group Company

# SOIL VAPOR PROBE CONSTRUCTION LOG

| | | | |
|---|---|---|---|
| **PROJECT NUMBER** | 13111.001 | **BORING/WELL NUMBER** | LV-19 |
| **PROJECT NAME** | Rosemead Holding LLC | **DATE DRILLED** | 6/21/2021 |
| **LOCATION** | South El Monte, California | **CASING TYPE/DIAMETER** | |
| **DRILLING METHOD** | Direct Push | **SCREEN TYPE/SLOT** | |
| **SAMPLING METHOD** | Direct Push | **GRAVEL PACK TYPE** | |
| **GROUND ELEVATION** | | **GROUT TYPE/QUANTITY** | |
| **TOP OF CASING** | | **DEPTH TO WATER** | |
| **LOGGED BY** | M. Vilkas | **GROUND WATER ELEVATION** | |
| **REMARKS** | No probes installed | | |

| DEPTH (ft. BGL) | BLOW COUNTS | RECOVERY (inches) | SAMPLE ID. | EXTENT | PID (ppm) | U.S.C.S. | GRAPHIC LOG | LITHOLOGIC DESCRIPTION | CONTACT DEPTH | WELL DIAGRAM |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | LV-19-1 | | 0.0 | SM | | **Surface:** Silty SAND; light brown to dusky brown; dry to slightly moist; mostly very fine to fine-grained sand, trace medium and coarse; some non-plastic fines; no odor; scattered rootlets. | | |
| | | | LV-19-2 | | 0.0 | | | | 3.0 | |
| | | | | | | ML | | Sandy SILT; light brown to yellowish brown; dry; mostly non-plastic fines; some fine to medium-grained sand; no odor. | | |
| 5 | | | | | | | | Same as above; dark gray mottled with orange. | 5.0 | |
| | | | LV-19-5 | | 0.0 | SM | | Silty SAND; light brown to dusky brown; dry to slightly moist; mostly very fine to fine-grained sand, trace medium and coarse; some non-plastic fines; no odor; scattered rootlets. | | |
| | | | | | | | | | 7.5 | |
| | | | LV-19-7 | | 0.0 | SP | | Poorly-graded SAND; tan to light grayish brown; moist; mostly fine-grained sand, trace medium. | | |
| | | | | | | | | | 9.5 | |
| | | | LV-19-10 | | 0.0 | SM | | Silty SAND; light gray; dry; mostly very fine to fine-grained sand; some non-plastic fines; no odor. | 10.0 | |
| 10 | | | | | | | | Total Depth: 10 feet<br>No Groundwater Encountered<br>Backfilled with bentonite | | |

LAEWNN01 LV-(1-19) LOGS - NEW DRAFT.GPJ ROCKLOG2012.GDT 7/15/21

# APPENDIX D

# LABORATORY REPORTS AND CHAIN-OF-CUSTODY FORMS

Leighton

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62241-1
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*6/25/2021 5:02:33 PM*

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 6
Client Sample Results . . . . . 12
Surrogate Summary . . . . . 56
QC Sample Results . . . . . 59
QC Association Summary . . . . . 77
Lab Chronicle . . . . . 84
Certification Summary . . . . . 93
Method Summary . . . . . 94
Sample Summary . . . . . 95
Chain of Custody . . . . . 96
Receipt Checklists . . . . . 100

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| p | The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-62241-1

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
570-62241-1

**Comments**

**LV-14A-1 (570-62241-8)**
There were 5 Terracores submitted for this sample, four Terracores in water preserved with NaHSO4 for low level analysis and 1 Terracore in methanol for dilution analysis via method 5035. All four Terracores in water were used to analyze for 8015-Gasoline Range Organics and 8260-VOCs, however, the data for 8260-VOC were not reportable due to the lack of acceptable QC response. The preliminary data showed the detections were low and would not need to analyze with dilution using the Terracores in methanol.

A vinyl sleeve was also provided for this sample. An aliquot from the sleeve was prepared via method 5030 and analyzed for 8260-VOCs. Client was notified of the issue and approved the change of the preparation method.

All other samples were reported by EPA 8260/5035 and EPA 8015/5035.

No additional comments.

**Receipt**
The samples were received on 6/18/2021 6:35 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

**GC/MS VOA**
Method 8260B: The initial calibration curve analyzed in batch 570-158636 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-158636.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-158836.

Method 8260B: The following analyte(s) recovered outside control limits for the LCS/LCSD associated with analytical batch 570-158836: Dibromochloromethane and Bromoform. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 570-159143 and analytical batch 570-159176 were outside control limits: (570-62213-A-1-C MS). The associated laboratory control sample (LCS) recovery met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC VOA**
Method 8015B: The continuing calibration verification (CCV) associated with batch 158754 recovered above the upper control limit for Gasoline Range Organics (C4-C13). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 570-158754/34).

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 158746.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 158949.

## Job ID: 570-62241-1 (Continued)

### Laboratory: Eurofins Calscience LLC (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC Semi VOA**

Method 8082: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: LV-14B-2 (570-62241-13). The sample(s) has been quantified and reported as Aroclor 1260. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082: Surrogate recovery for the following sample was outside control limits: LV-8-1 (570-62241-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Metals**

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-159345 and analytical batch 570-159635 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-159348 and analytical batch 570-159634 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**VOA Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-4-1 — Lab Sample ID: 570-62241-1

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 4.4 | | 0.91 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 1.1 | | 0.080 | | mg/Kg | 1 | | 8015B | Total/NA |
| C13-C22 | 42 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 240 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1248 | 69 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1254 | 210 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1260 | 89 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 76.8 | F1 | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.32 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 6.51 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.90 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 5.84 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 12.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 16.1 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-4-5 — Lab Sample ID: 570-62241-2

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.0 | | 0.93 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 7.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 8.7 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 3.94 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 225 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.45 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 9.51 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.69 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.87 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 17.4 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 20.9 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.192 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-4-10 — Lab Sample ID: 570-62241-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | 4.9 | | 1.9 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 6.1 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 6.9 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 6.73 | | 2.49 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 182 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.408 | | 0.249 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.78 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.4 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 18.4 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 12.4 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 27.2 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 38.8 | | 9.95 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-8-1 — Lab Sample ID: 570-62241-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 120 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-8-1 (Continued)

## Lab Sample ID: 570-62241-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 820 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| 1,2-Dichlorobenzene | 110 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| 1,4-Dichlorobenzene | 45 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Ethylbenzene | 1000 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Isopropylbenzene | 100 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| m,p-Xylene | 1500 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| n-Butylbenzene | 330 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| N-Propylbenzene | 140 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| o-Xylene | 910 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| p-Isopropyltoluene | 100 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| sec-Butylbenzene | 90 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Styrene | 150 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Tetrachloroethene | 59 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Toluene | 2200 | | 40 | | ug/Kg | 50 | | 8260B | Total/NA |
| Trichloroethene | 160 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| Trichlorofluoromethane | 550 | | 400 | | ug/Kg | 50 | | 8260B | Total/NA |
| Xylenes, Total | 2400 | | 81 | | ug/Kg | 50 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 1.5 | | 0.081 | | mg/Kg | 1 | | 8015B | Total/NA |
| C13-C22 | 1800 | | 25 | | mg/Kg | 5 | | 8015B | Total/NA |
| C23-C40 | 6000 | | 25 | | mg/Kg | 5 | | 8015B | Total/NA |
| Aroclor-1248 - DL | 13000 | | 2500 | | ug/Kg | 50 | | 8082 | Total/NA |
| Aroclor-1254 - DL | 15000 | | 2500 | | ug/Kg | 50 | | 8082 | Total/NA |
| Aroclor-1260 - DL | 4000 | p | 2500 | | ug/Kg | 50 | | 8082 | Total/NA |
| Barium | 36.1 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.82 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 3.72 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 5.54 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.85 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 6.97 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.9 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.143 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-8-3

## Lab Sample ID: 570-62241-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 390 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 1200 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1248 - DL | 1300 | | 500 | | ug/Kg | 10 | | 8082 | Total/NA |
| Aroclor-1254 - DL | 1600 | | 500 | | ug/Kg | 10 | | 8082 | Total/NA |
| Aroclor-1260 - RA | 470 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 30.1 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.288 | | 0.240 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.11 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 7.29 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.96 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 9.44 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 14.1 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 34.2 | | 9.62 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-8-5 — Lab Sample ID: 570-62241-6

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 13 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 18 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 46.6 | | 0.483 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.03 | | 0.966 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.30 | | 0.966 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.82 | | 0.966 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 5.09 | | 0.483 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 10.9 | | 0.966 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 16.8 | | 9.66 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0996 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-8-10 — Lab Sample ID: 570-62241-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 5.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 34.2 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.30 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.31 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.42 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.36 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 4.39 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-14A-1 — Lab Sample ID: 570-62241-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 8.1 | | 2.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 4.0 | | 2.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| 2-Butanone | 22 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 160 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 11 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| n-Butylbenzene | 1.0 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| o-Xylene | 2.0 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 4.0 | | 2.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| p-Isopropyltoluene | 1.1 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.5 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| Xylenes, Total | 6.0 | | 2.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 0.16 | | 0.069 | | mg/Kg | 1 | | 8015B | Total/NA |
| C13-C22 | 530 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 1500 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 200 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 20.4 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.42 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 8.46 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.1 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.77 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 17.5 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.195 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-14A-2.5 — Lab Sample ID: 570-62241-9

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 19 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-14A-2.5 (Continued) — Lab Sample ID: 570-62241-9

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 32 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 19.5 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.62 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 4.20 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 2.97 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 4.33 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 7.75 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.2 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0897 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-14A-5 — Lab Sample ID: 570-62241-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 22 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Methyl-t-Butyl Ether (MTBE) | 1.7 | | 1.6 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 15 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 16 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 2.86 | | 2.60 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 141 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.370 | | 0.260 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 6.31 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 11.8 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 19.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.6 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 21.7 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 43.9 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 18.0 | | 5.21 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-14A-7.5 — Lab Sample ID: 570-62241-11

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 10 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 13 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 44.8 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.48 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.19 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.20 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 5.27 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.38 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 17.1 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.120 | | 0.0794 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-14A-10 — Lab Sample ID: 570-62241-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 34 | | 21 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 5.1 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 7.1 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 38.2 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.49 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 4.87 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.96 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-14A-10 (Continued)

Lab Sample ID: 570-62241-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Nickel | 5.01 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.77 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 15.6 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-14B-2

Lab Sample ID: 570-62241-13

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 160 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 440 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1254 - RA | 740 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1260 - RA | 550 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 35.4 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.36 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 3.26 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.57 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.81 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 5.96 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 15.8 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 6.53 | | 5.15 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-13-1

Lab Sample ID: 570-62241-14

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | 24 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 120 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.9 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.8 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 1.7 | | 1.5 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 0.17 | | 0.066 | | mg/Kg | 1 | | 8015B | Total/NA |
| C13-C22 | 27 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 22 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 17.3 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.06 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 4.46 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.87 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.88 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 7.21 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.9 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-13-2.5

Lab Sample ID: 570-62241-15

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 17 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 82.0 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.287 | | 0.263 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.93 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 8.26 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 11.5 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 9.02 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 15.0 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 27.4 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 8.08 | | 5.26 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-13-5 — Lab Sample ID: 570-62241-16

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 2.3 | | 0.88 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.6 | | 0.88 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 8.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 11 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 82.8 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.320 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.37 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 9.41 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 13.8 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 9.84 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 15.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 32.4 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 12.7 | | 5.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.134 | | 0.0877 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-13-7.5 — Lab Sample ID: 570-62241-17

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 32.6 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 1.52 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.54 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.56 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 2.49 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 5.03 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 12.1 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.201 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-13-10 — Lab Sample ID: 570-62241-18

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 10 | | 5.3 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 14 | | 5.3 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 4.61 | | 2.49 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 149 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.553 | | 0.249 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.798 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.58 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.8 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 23.6 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 11.4 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 20.0 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 53.9 | | 9.95 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 28.4 | | 4.98 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dibromoethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,2-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,3-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 2-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 4-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| **Acetone** | **18** | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Benzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromodichloromethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Carbon disulfide | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Carbon tetrachloride | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Chlorobenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Chloroform | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Dibromomethane | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Ethylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Methylene Chloride | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Naphthalene | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| n-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| o-Xylene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| p-Isopropyltoluene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| sec-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Styrene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| tert-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| **Tetrachloroethene** | **4.4** | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Toluene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Trichlorofluoromethane | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Vinyl acetate | ND | | 9.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Vinyl chloride | ND | | 0.91 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 14:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 14:42* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 14:42* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 14:42* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 14:42* | *1* |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1-Dichloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2-Dibromoethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,2-Dichloroethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,3-Dichloropropane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 2-Chlorotoluene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 4-Chlorotoluene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| **Benzene** | **1.0** | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromodichloromethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Carbon disulfide | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Carbon tetrachloride | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Chlorobenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Chloroform | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Dibromomethane | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Ethylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Isopropylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Methylene Chloride | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Naphthalene | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| n-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| o-Xylene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| p-Isopropyltoluene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| sec-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Styrene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| tert-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Tetrachloroethene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Toluene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Trichlorofluoromethane | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Vinyl acetate | ND | | 9.3 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Vinyl chloride | ND | | 0.93 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 15:10* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 15:10* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 15:10* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 15:10* | *1* |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1-Dichloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dibromoethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dichloroethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,2-Dichloropropane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,3-Dichloropropane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 2-Chlorotoluene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 4-Chlorotoluene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Benzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Bromobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Bromodichloromethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Carbon disulfide | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Carbon tetrachloride | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Chlorobenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Chloroform | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Dibromomethane | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Ethylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Isopropylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Methylene Chloride | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Naphthalene | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| n-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| o-Xylene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| p-Isopropyltoluene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| sec-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Styrene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| tert-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Tetrachloroethene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Toluene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| **Trichloroethene** | **4.9** | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Trichlorofluoromethane | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Vinyl acetate | ND | | 9.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Vinyl chloride | ND | | 0.94 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 15:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 15:39* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 15:39* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 15:39* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 15:39* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1,1-Trichloroethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1,2-Trichloroethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **1,1-Dichloroethane** | **120** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1-Dichloroethene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,1-Dichloropropene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2,3-Trichlorobenzene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2,3-Trichloropropane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **1,2,4-Trimethylbenzene** | **820** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2-Dibromoethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **1,2-Dichlorobenzene** | **110** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2-Dichloroethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,2-Dichloropropane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,3,5-Trimethylbenzene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,3-Dichlorobenzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 1,3-Dichloropropane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **1,4-Dichlorobenzene** | **45** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 2,2-Dichloropropane | ND | | 200 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 2-Butanone | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 2-Chlorotoluene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 2-Hexanone | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 4-Chlorotoluene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| 4-Methyl-2-pentanone | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Acetone | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Benzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromobenzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromochloromethane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromodichloromethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromoform | ND | *+ | 200 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Bromomethane | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Carbon disulfide | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Carbon tetrachloride | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Chlorobenzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Chloroethane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Chloroform | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Chloromethane | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| cis-1,2-Dichloroethene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| cis-1,3-Dichloropropene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Dibromochloromethane | ND | *+ | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Dibromomethane | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Dichlorodifluoromethane | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Di-isopropyl ether (DIPE) | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Ethanol | ND | | 10000 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Ethylbenzene** | **1000** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Ethyl-t-butyl ether (ETBE) | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Isopropylbenzene** | **100** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **m,p-Xylene** | **1500** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Methylene Chloride | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Naphthalene | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **n-Butylbenzene** | **330** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **N-Propylbenzene** | **140** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **o-Xylene** | **910** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **p-Isopropyltoluene** | **100** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **sec-Butylbenzene** | **90** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Styrene** | **150** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Tert-amyl-methyl ether (TAME) | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| tert-Butyl alcohol (TBA) | ND | | 810 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| tert-Butylbenzene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Tetrachloroethene** | **59** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Toluene** | **2200** | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| trans-1,2-Dichloroethene | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| trans-1,3-Dichloropropene | ND | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Trichloroethene** | **160** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Trichlorofluoromethane** | **550** | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Vinyl acetate | ND | | 400 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| Vinyl chloride | ND | | 40 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |
| **Xylenes, Total** | **2400** | | 81 | | ug/Kg | | 06/21/21 12:13 | 06/22/21 14:11 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *92* | | *80 - 142* | *06/21/21 12:13* | *06/22/21 14:11* | *50* |
| *4-Bromofluorobenzene (Surr)* | *94* | | *80 - 120* | *06/21/21 12:13* | *06/22/21 14:11* | *50* |
| *Dibromofluoromethane (Surr)* | *92* | | *80 - 123* | *06/21/21 12:13* | *06/22/21 14:11* | *50* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | *06/21/21 12:13* | *06/22/21 14:11* | *50* |

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2-Dibromoethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,2-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,3-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 2-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 4-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Benzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromodichloromethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Carbon disulfide | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Carbon tetrachloride | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Chlorobenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Chloroform | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Dibromomethane | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Ethylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Isopropylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Methylene Chloride | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Naphthalene | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| n-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| o-Xylene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| p-Isopropyltoluene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| sec-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Styrene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| tert-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Tetrachloroethene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Toluene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Trichlorofluoromethane | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Vinyl acetate | ND | | 8.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Vinyl chloride | ND | | 0.81 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 16:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 16:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 16:37* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 16:37* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 16:37* | *1* |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,1-Dichloropropene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 2,2-Dichloropropane | ND | | 5.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 2-Butanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 2-Hexanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| 4-Methyl-2-pentanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Acetone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Bromochloromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 5.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Bromomethane | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Chloroethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Chloromethane | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Dibromochloromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Dichlorodifluoromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Ethanol | ND | | 270 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| m,p-Xylene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| N-Propylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Trichloroethene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |
| Xylenes, Total | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 17:06* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 17:06* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 17:06* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 17:06* | *1* |

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **1,2,4-Trimethylbenzene** | **8.1** | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **1,3,5-Trimethylbenzene** | **4.0** | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **2-Butanone** | **22** | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **Acetone** | **160** | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **Ethylbenzene** | **11** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **n-Butylbenzene** | **1.0** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **o-Xylene** | **2.0** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **m,p-Xylene** | **4.0** | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **p-Isopropyltoluene** | **1.1** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **Toluene** | **2.5** | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |
| **Xylenes, Total** | **6.0** | | 2.0 | | ug/Kg | | 06/23/21 12:31 | 06/23/21 13:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *110* | | *64 - 141* | *06/23/21 12:31* | *06/23/21 13:23* | *1* |
| *4-Bromofluorobenzene (Surr)* | *92* | | *76 - 120* | *06/23/21 12:31* | *06/23/21 13:23* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *47 - 142* | *06/23/21 12:31* | *06/23/21 13:23* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 12:31* | *06/23/21 13:23* | *1* |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2-Dibromoethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,2-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,3-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 2-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 4-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| **Acetone** | **22** | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Benzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromodichloromethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Carbon disulfide | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Carbon tetrachloride | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Chlorobenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Chloroform | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Dibromomethane | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Ethylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Isopropylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Methylene Chloride | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| **Methyl-t-Butyl Ether (MTBE)** | **1.7** | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Naphthalene | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| n-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| o-Xylene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| p-Isopropyltoluene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| sec-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Styrene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| tert-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Tetrachloroethene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Toluene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Trichlorofluoromethane | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Vinyl acetate | ND | | 7.9 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Vinyl chloride | ND | | 0.79 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 17:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 17:34* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 17:34* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 17:34* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 17:34* | *1* |

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 2,2-Dichloropropane | ND | | 5.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| **Acetone** | **34** | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 5.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 18:03* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 18:03* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 18:03* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 18:03* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dibromoethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,2-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,3-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 2,2-Dichloropropane | ND | | 3.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **2-Butanone** | **24** | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 2-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 4-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **Acetone** | **120** | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **Benzene** | **1.9** | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromodichloromethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromoform | ND | | 3.7 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Carbon disulfide | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Carbon tetrachloride | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Chlorobenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Chloroform | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Dibromomethane | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Ethylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Methylene Chloride | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Naphthalene | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| n-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| o-Xylene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| p-Isopropyltoluene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| sec-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Styrene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| tert-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Tetrachloroethene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **Toluene** | **1.8** | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| **Trichloroethene** | **1.7** | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Trichlorofluoromethane | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Vinyl acetate | ND | | 7.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Vinyl chloride | ND | | 0.74 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 18:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 18:32* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 18:32* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 18:32* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 18:32* | *1* |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1-Dichloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2-Dibromoethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,2-Dichloroethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,3-Dichloropropane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 2,2-Dichloropropane | ND | | 4.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 2-Chlorotoluene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 4-Chlorotoluene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Acetone | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| **Benzene** | **2.3** | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromodichloromethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromoform | ND | | 4.4 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Carbon disulfide | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Carbon tetrachloride | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Chlorobenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Chloroform | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Dibromomethane | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Ethylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Isopropylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Methylene Chloride | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Naphthalene | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| n-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| o-Xylene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| p-Isopropyltoluene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| sec-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Styrene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| tert-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Tetrachloroethene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| **Toluene** | **2.6** | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Trichlorofluoromethane | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Vinyl acetate | ND | | 8.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Vinyl chloride | ND | | 0.88 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 19:00* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 19:00* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 19:00* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 19:00* | *1* |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,1-Dichloropropene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 2,2-Dichloropropane | ND | | 5.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 2-Butanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 2-Hexanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| 4-Methyl-2-pentanone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Acetone | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Bromochloromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 5.5 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Bromomethane | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Chloroethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Chloromethane | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Dibromochloromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Dichlorodifluoromethane | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Ethanol | ND | | 270 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| m,p-Xylene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| N-Propylbenzene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 22 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Trichloroethene | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |
| Xylenes, Total | ND | | 2.2 | | ug/Kg | | 06/21/21 12:13 | 06/21/21 19:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* | *06/21/21 12:13* | *06/21/21 19:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 19:29* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* | *06/21/21 12:13* | *06/21/21 19:29* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/21/21 12:13* | *06/21/21 19:29* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | 1.1 | | 0.080 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 15:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *121* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 15:44* | *1* |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.090 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 19:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 19:56* | *1* |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.078 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 08:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 08:21* | *1* |

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | 1.5 | | 0.081 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 11:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 11:24* | *1* |

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.086 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 20:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *115* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 20:43* | *1* |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.12 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 21:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 21:07* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | 0.16 | | 0.069 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 10:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 10:36* | *1* |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.087 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 21:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *118* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 21:55* | *1* |

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/21/21 12:13 | 06/21/21 22:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *113* | | *42 - 126* | *06/21/21 12:13* | *06/21/21 22:19* | *1* |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | 0.17 | | 0.066 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 11:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 11:00* | *1* |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.090 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 09:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 09:10* | *1* |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/21/21 12:13 | 06/22/21 10:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/21/21 12:13* | *06/22/21 10:12* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 42 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 19:27 | 1 |
| C23-C40 | 240 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 19:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *114* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 19:27* | *1* |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 7.0 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 19:50 | 1 |
| C23-C40 | 8.7 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 19:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 19:50* | *1* |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 6.1 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:11 | 1 |
| C23-C40 | 6.9 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *108* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 20:11* | *1* |

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 1800 | | 25 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:33 | 5 |
| C23-C40 | 6000 | | 25 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:33 | 5 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *101* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 20:33* | *5* |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 390 | | 5.2 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:55 | 1 |
| C23-C40 | 1200 | | 5.2 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 20:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *122* | | *60 - 138* | *06/23/21 19:56* | *06/24/21 20:55* | *1* |

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 13 | | 4.7 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:16 | 1 |
| C23-C40 | 18 | | 4.7 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:16 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 114 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 21:16 | 1 |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:38 | 1 |
| **C23-C40** | **5.0** | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 113 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 21:38 | 1 |

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **530** | | 4.8 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:59 | 1 |
| **C23-C40** | **1500** | | 4.8 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 21:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 112 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 21:59 | 1 |

**Client Sample ID: LV-14A-2.5**
**Date Collected: 06/18/21 14:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **19** | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 23:50 | 1 |
| **C23-C40** | **32** | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 23:50 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 110 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 23:50 | 1 |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **15** | | 5.1 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:12 | 1 |
| **C23-C40** | **16** | | 5.1 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:12 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 116 | | 60 - 138 | 06/23/21 19:56 | 06/25/21 00:12 | 1 |

**Client Sample ID: LV-14A-7.5**
**Date Collected: 06/18/21 14:27**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **10** | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:34 | 1 |
| **C23-C40** | **13** | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 102 | | 60 - 138 | 06/23/21 19:56 | 06/25/21 00:34 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 5.1 | | 4.7 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:55 | 1 |
| C23-C40 | 7.1 | | 4.7 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 00:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *112* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 00:55* | *1* |

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 160 | | 5.2 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 01:18 | 1 |
| C23-C40 | 440 | | 5.2 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 01:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *115* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 01:18* | *1* |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 27 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 01:40 | 1 |
| C23-C40 | 22 | | 4.9 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 01:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *117* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 01:40* | *1* |

**Client Sample ID: LV-13-2.5**
**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:04 | 1 |
| C23-C40 | 17 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *109* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 02:04* | *1* |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 8.0 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:26 | 1 |
| C23-C40 | 11 | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *110* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 02:26* | *1* |

**Client Sample ID: LV-13-7.5**
**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.8 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:47 | 1 |
| C23-C40 | ND | | 4.8 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 02:47 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *120* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 02:47* | *1* |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **10** | | 5.3 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 03:09 | 1 |
| **C23-C40** | **14** | | 5.3 | | mg/Kg | | 06/23/21 19:56 | 06/25/21 03:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *109* | | *60 - 138* | *06/23/21 19:56* | *06/25/21 03:09* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| **Aroclor-1248** | **69** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| **Aroclor-1254** | **210** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| **Aroclor-1260** | **89** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 00:24* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *81* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 00:24* | *1* |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 00:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *93* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 00:43* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 00:43* | *1* |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 01:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *74* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 01:18* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *70* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 01:18* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 02:12* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *93* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 02:12* | *1* |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 02:30* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 02:30* | *1* |

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 02:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *62* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 02:48* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *82* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 02:48* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-14A-2.5**
**Date Collected: 06/18/21 14:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | *p* | *25 - 126* | *06/21/21 12:33* | *06/23/21 03:06* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *72* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 03:06* | *1* |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *78* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 03:24* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *76* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 03:24* | *1* |

**Client Sample ID: LV-14A-7.5**
**Date Collected: 06/18/21 14:27**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 03:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 03:42* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *72* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 03:42* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 04:00* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 04:00* | *1* |

**Client Sample ID: LV-13-2.5**
**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 04:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 04:53* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *85* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 04:53* | *1* |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 05:11* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *73* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 05:11* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-13-7.5**
**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *65* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 05:29* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *64* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 05:29* | *1* |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 05:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 05:47* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 05:47* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 | 13000 | | 2500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:35 | 50 |
| Aroclor-1254 | 15000 | | 2500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:35 | 50 |
| Aroclor-1260 | 4000 | p | 2500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:35 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *168* | *S1+* | *25 - 126* | *06/21/21 12:33* | *06/23/21 16:35* | *50* |
| *DCB Decachlorobiphenyl (Surr)* | *269* | *S1+* | *20 - 155* | *06/21/21 12:33* | *06/23/21 16:35* | *50* |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1248 | 1300 | | 500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:53 | 10 |
| Aroclor-1254 | 1600 | | 500 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 16:53 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 16:53* | *10* |
| *DCB Decachlorobiphenyl (Surr)* | *107* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 16:53* | *10* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - RA

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *46* | *p* | *25 - 126* | *06/21/21 12:33* | *06/23/21 13:36* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *111* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 13:36* | *1* |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| **Aroclor-1260** | **470** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 13:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *86* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 13:54* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *97* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 13:54* | *1* |

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| **Aroclor-1254** | **740** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| **Aroclor-1260** | **550** | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 14:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *103* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 14:47* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *108* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 14:47* | *1* |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - RA (Continued)

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/23/21 15:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *79* | | *25 - 126* | *06/21/21 12:33* | *06/23/21 15:05* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *86* | | *20 - 155* | *06/21/21 12:33* | *06/23/21 15:05* | *1* |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Arsenic | ND | | 2.60 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Barium** | **76.8** | **F1** | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Beryllium | ND | | 0.260 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Cadmium | ND | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Cobalt** | **3.32** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Chromium** | **6.51** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Copper** | **6.90** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Molybdenum | ND | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Nickel** | **5.84** | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Antimony | ND | F1 | 3.13 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Selenium | ND | F1 | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Thallium | ND | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Vanadium** | **12.3** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| **Zinc** | **16.1** | | 10.4 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |
| Lead | ND | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:18 | 1 |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Arsenic** | **3.94** | | 2.50 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Barium** | **225** | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Cobalt** | **3.45** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Chromium** | **9.51** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Copper** | **7.69** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Nickel** | **6.87** | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Vanadium** | **17.4** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| **Zinc** | **20.9** | | 10.0 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:22 | 1 |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Arsenic** | **6.73** | | 2.49 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Barium** | **182** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Beryllium** | **0.408** | | 0.249 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Cobalt** | **7.78** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Chromium** | **12.4** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Copper** | **18.4** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Nickel** | **12.4** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Vanadium** | **27.2** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| **Zinc** | **38.8** | | 9.95 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |
| Lead | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:25 | 1 |

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Arsenic | ND | | 2.44 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Barium** | **36.1** | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Beryllium | ND | | 0.244 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Cobalt** | **3.82** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Chromium** | **3.72** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Copper** | **5.54** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Nickel** | **6.85** | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Vanadium** | **6.97** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| **Zinc** | **13.9** | | 9.76 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:27 | 1 |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Arsenic | ND | | 2.40 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Barium** | **30.1** | | 0.481 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Beryllium** | **0.288** | | 0.240 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Cobalt** | **5.11** | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Chromium** | **7.29** | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Copper** | **7.96** | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Nickel** | **9.44** | | 0.481 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Vanadium** | **14.1** | | 0.962 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| **Zinc** | **34.2** | | 9.62 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:29 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Arsenic | ND | | 2.42 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Barium** | **46.6** | | 0.483 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Beryllium | ND | | 0.242 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Cadmium | ND | | 0.483 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Cobalt** | **3.03** | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Chromium** | **5.30** | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Copper** | **7.82** | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Molybdenum | ND | | 0.483 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Nickel** | **5.09** | | 0.483 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Antimony | ND | | 2.90 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Selenium | ND | | 4.83 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Thallium | ND | | 4.83 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Vanadium** | **10.9** | | 0.966 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| **Zinc** | **16.8** | | 9.66 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |
| Lead | ND | | 4.83 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:31 | 1 |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Arsenic | ND | | 2.48 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Barium** | **34.2** | | 0.495 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Beryllium | ND | | 0.248 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Cadmium | ND | | 0.495 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Cobalt** | **2.30** | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Chromium** | **2.31** | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Copper** | **3.42** | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Molybdenum | ND | | 0.495 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Nickel** | **3.36** | | 0.495 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Antimony | ND | | 2.97 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Selenium | ND | | 4.95 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Thallium | ND | | 4.95 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| **Vanadium** | **4.39** | | 0.990 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Zinc | ND | | 9.90 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |
| Lead | ND | | 4.95 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:33 | 1 |

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Barium** | **200** | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Cobalt** | **20.4** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Chromium** | **5.42** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Copper** | **8.46** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Nickel** | **14.1** | | 0.500 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Vanadium** | **8.77** | | 1.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| **Zinc** | **17.5** | | 10.0 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:35 | 1 |

**Client Sample ID: LV-14A-2.5**
**Date Collected: 06/18/21 14:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Barium** | **19.5** | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Beryllium | ND | | 0.258 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Cobalt** | **2.62** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Chromium** | **4.20** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Copper** | **2.97** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Nickel** | **4.33** | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Vanadium** | **7.75** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| **Zinc** | **13.2** | | 10.3 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |
| Lead | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:37 | 1 |

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Arsenic** | **2.86** | | 2.60 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Barium** | **141** | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Beryllium** | **0.370** | | 0.260 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Cadmium | ND | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Cobalt** | **6.31** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Chromium** | **11.8** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Copper** | **19.3** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Molybdenum | ND | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Nickel** | **10.6** | | 0.521 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Antimony | ND | | 3.13 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Selenium | ND | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| Thallium | ND | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Vanadium** | **21.7** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Zinc** | **43.9** | | 10.4 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |
| **Lead** | **18.0** | | 5.21 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:39 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-14A-7.5**
**Date Collected: 06/18/21 14:27**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Barium** | **44.8** | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Beryllium | ND | | 0.263 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Cobalt** | **3.48** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Chromium** | **5.19** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Copper** | **6.20** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Molybdenum | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Nickel** | **5.27** | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Vanadium** | **8.38** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| **Zinc** | **17.1** | | 10.5 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:41 | 1 |

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Barium** | **38.2** | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Beryllium | ND | | 0.251 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Cobalt** | **3.49** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Chromium** | **4.87** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Copper** | **6.96** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Nickel** | **5.01** | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Vanadium** | **8.77** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| **Zinc** | **15.6** | | 10.1 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:50 | 1 |

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Barium** | **35.4** | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Beryllium | ND | | 0.258 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Cobalt** | **2.36** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Chromium** | **3.26** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Copper** | **7.57** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Nickel** | **3.81** | | 0.515 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Vanadium** | **5.96** | | 1.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Zinc** | **15.8** | | 10.3 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |
| **Lead** | **6.53** | | 5.15 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:52 | 1 |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Arsenic | ND | | 2.59 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Barium** | **17.3** | | 0.518 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Beryllium | ND | | 0.259 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Cadmium | ND | | 0.518 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Cobalt** | **2.06** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Chromium** | **4.46** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Copper** | **3.87** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Molybdenum | ND | | 0.518 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Nickel** | **3.88** | | 0.518 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Antimony | ND | | 3.11 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Selenium | ND | | 5.18 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Thallium | ND | | 5.18 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Vanadium** | **7.21** | | 1.04 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| **Zinc** | **13.9** | | 10.4 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |
| Lead | ND | | 5.18 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:54 | 1 |

**Client Sample ID: LV-13-2.5**
**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Barium** | **82.0** | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Beryllium** | **0.287** | | 0.263 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Cobalt** | **4.93** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Chromium** | **8.26** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Copper** | **11.5** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Molybdenum | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Nickel** | **9.02** | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Vanadium** | **15.0** | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Zinc** | **27.4** | | 10.5 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |
| **Lead** | **8.08** | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:57 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Barium** | **82.8** | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Beryllium** | **0.320** | | 0.251 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Cobalt** | **5.37** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Chromium** | **9.41** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Copper** | **13.8** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Nickel** | **9.84** | | 0.503 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Vanadium** | **15.7** | | 1.01 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Zinc** | **32.4** | | 10.1 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |
| **Lead** | **12.7** | | 5.03 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 23:59 | 1 |

**Client Sample ID: LV-13-7.5**
**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Arsenic | ND | | 2.44 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Barium** | **32.6** | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Beryllium | ND | | 0.244 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Cobalt** | **1.52** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Chromium** | **2.54** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Copper** | **3.56** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Nickel** | **2.49** | | 0.488 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Vanadium** | **5.03** | | 0.976 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| **Zinc** | **12.1** | | 9.76 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:01 | 1 |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Arsenic** | **4.61** | | 2.49 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Barium** | **149** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Beryllium** | **0.553** | | 0.249 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Cadmium** | **0.798** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Cobalt** | **5.58** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Chromium** | **12.8** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Copper** | **23.6** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Nickel** | **11.4** | | 0.498 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Vanadium** | **20.0** | | 0.995 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Zinc** | **53.9** | | 9.95 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |
| **Lead** | **28.4** | | 4.98 | | mg/Kg | | 06/23/21 17:35 | 06/25/21 00:03 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-4-1**
**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | F2 F1 | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:48 | 1 |

**Client Sample ID: LV-4-5**
**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.192** | | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:53 | 1 |

**Client Sample ID: LV-4-10**
**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:55 | 1 |

**Client Sample ID: LV-8-1**
**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.143** | | 0.0833 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:57 | 1 |

**Client Sample ID: LV-8-3**
**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:59 | 1 |

**Client Sample ID: LV-8-5**
**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0996** | | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:04 | 1 |

**Client Sample ID: LV-8-10**
**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:06 | 1 |

**Client Sample ID: LV-14A-1**
**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.195** | | 0.0833 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:08 | 1 |

**Client Sample ID: LV-14A-2.5**
**Date Collected: 06/18/21 14:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0897** | | 0.0833 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:10 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-14A-5**
**Date Collected: 06/18/21 14:25**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:12 | 1 |

**Client Sample ID: LV-14A-7.5**
**Date Collected: 06/18/21 14:27**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.120** | | 0.0794 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:14 | 1 |

**Client Sample ID: LV-14A-10**
**Date Collected: 06/18/21 14:29**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:15 | 1 |

**Client Sample ID: LV-14B-2**
**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:17 | 1 |

**Client Sample ID: LV-13-1**
**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:19 | 1 |

**Client Sample ID: LV-13-2.5**
**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:21 | 1 |

**Client Sample ID: LV-13-5**
**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.134** | | 0.0877 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:26 | 1 |

**Client Sample ID: LV-13-7.5**
**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.201** | | 0.0847 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:28 | 1 |

**Client Sample ID: LV-13-10**
**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**
**Lab Sample ID: 570-62241-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 14:30 | 1 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-142) | (80-120) | (80-123) | (80-120) |
| 570-62241-1 | LV-4-1 | 113 | 102 | 106 | 99 |
| 570-62241-2 | LV-4-5 | 114 | 100 | 108 | 99 |
| 570-62241-3 | LV-4-10 | 112 | 99 | 106 | 101 |
| 570-62241-4 | LV-8-1 | 92 | 94 | 92 | 98 |
| 570-62241-6 | LV-8-5 | 111 | 101 | 103 | 99 |
| 570-62241-7 | LV-8-10 | 111 | 103 | 104 | 101 |
| 570-62241-10 | LV-14A-5 | 112 | 100 | 102 | 100 |
| 570-62241-12 | LV-14A-10 | 113 | 102 | 105 | 101 |
| 570-62241-14 | LV-13-1 | 116 | 100 | 107 | 100 |
| 570-62241-16 | LV-13-5 | 112 | 102 | 102 | 102 |
| 570-62241-18 | LV-13-10 | 111 | 102 | 103 | 102 |
| LCS 570-158636/4 | Lab Control Sample | 102 | 101 | 102 | 100 |
| LCS 570-158836/4 | Lab Control Sample | 95 | 99 | 98 | 98 |
| LCSD 570-158636/5 | Lab Control Sample Dup | 101 | 102 | 102 | 101 |
| LCSD 570-158836/5 | Lab Control Sample Dup | 95 | 99 | 97 | 97 |
| MB 570-158636/7 | Method Blank | 101 | 100 | 102 | 100 |
| MB 570-158836/11 | Method Blank | 92 | 95 | 93 | 99 |
| MB 570-158836/12 | Method Blank | 94 | 99 | 96 | 95 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (64-141) | (76-120) | (47-142) | (80-120) |
| 570-62241-8 | LV-14A-1 | 110 | 92 | 104 | 99 |
| LCS 570-159176/3 | Lab Control Sample | 102 | 103 | 101 | 101 |
| LCSD 570-159176/4 | Lab Control Sample Dup | 103 | 103 | 105 | 101 |
| MB 570-159143/3-A | Method Blank | 109 | 97 | 104 | 101 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8015B - Gasoline Range Organics - (GC)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| | | BFB1 |
| Lab Sample ID | Client Sample ID | (42-126) |
| 570-62241-1 | LV-4-1 | 121 |
| 570-62241-2 | LV-4-5 | 114 |
| 570-62241-3 | LV-4-10 | 85 |

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (42-126) |
| 570-62241-4 | LV-8-1 | 78 |
| 570-62241-6 | LV-8-5 | 115 |
| 570-62241-7 | LV-8-10 | 108 |
| 570-62241-8 | LV-14A-1 | 89 |
| 570-62241-10 | LV-14A-5 | 118 |
| 570-62241-12 | LV-14A-10 | 113 |
| 570-62241-14 | LV-13-1 | 80 |
| 570-62241-16 | LV-13-5 | 86 |
| 570-62241-18 | LV-13-10 | 82 |
| LCS 570-158746/34 | Lab Control Sample | 94 |
| LCS 570-158754/19 | Lab Control Sample | 104 |
| LCS 570-158949/3 | Lab Control Sample | 95 |
| LCSD 570-158746/35 | Lab Control Sample Dup | 91 |
| LCSD 570-158754/20 | Lab Control Sample Dup | 105 |
| LCSD 570-158949/4 | Lab Control Sample Dup | 96 |
| MB 570-158746/36 | Method Blank | 78 |
| MB 570-158754/21 | Method Blank | 93 |
| MB 570-158949/5 | Method Blank | 88 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) |
| 570-62241-1 | LV-4-1 | 114 |
| 570-62241-1 MS | LV-4-1 | 98 |
| 570-62241-1 MSD | LV-4-1 | 103 |
| 570-62241-2 | LV-4-5 | 100 |
| 570-62241-3 | LV-4-10 | 108 |
| 570-62241-4 | LV-8-1 | 101 |
| 570-62241-5 | LV-8-3 | 122 |
| 570-62241-6 | LV-8-5 | 114 |
| 570-62241-7 | LV-8-10 | 113 |
| 570-62241-8 | LV-14A-1 | 112 |
| 570-62241-9 | LV-14A-2.5 | 110 |
| 570-62241-10 | LV-14A-5 | 116 |
| 570-62241-11 | LV-14A-7.5 | 102 |
| 570-62241-12 | LV-14A-10 | 112 |
| 570-62241-13 | LV-14B-2 | 115 |
| 570-62241-14 | LV-13-1 | 117 |
| 570-62241-15 | LV-13-2.5 | 109 |
| 570-62241-16 | LV-13-5 | 110 |
| 570-62241-17 | LV-13-7.5 | 120 |
| 570-62241-18 | LV-13-10 | 109 |
| LCS 570-159386/2-A | Lab Control Sample | 108 |
| LCSD 570-159386/3-A | Lab Control Sample Dup | 94 |
| MB 570-159386/1-A | Method Blank | 106 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | TCX1 | DCB1 |
| Lab Sample ID | Client Sample ID | (25-126) | (20-155) |
| 570-62241-1 | LV-4-1 | 83 | 81 |
| 570-62241-1 MS | LV-4-1 | 82 | 80 |
| 570-62241-1 MSD | LV-4-1 | 84 | 80 |
| 570-62241-2 | LV-4-5 | 93 | 83 |
| 570-62241-3 | LV-4-10 | 74 | 70 |
| 570-62241-4 - RA | LV-8-1 | 46 p | 111 |
| 570-62241-4 - DL | LV-8-1 | 168 S1+ | 269 S1+ |
| 570-62241-5 - RA | LV-8-3 | 86 | 97 |
| 570-62241-5 - DL | LV-8-3 | 84 | 107 |
| 570-62241-6 | LV-8-5 | 83 | 93 |
| 570-62241-7 | LV-8-10 | 81 | 83 |
| 570-62241-8 | LV-14A-1 | 62 | 82 |
| 570-62241-9 | LV-14A-2.5 | 72 p | 72 |
| 570-62241-10 | LV-14A-5 | 78 | 76 |
| 570-62241-11 | LV-14A-7.5 | 72 | 72 |
| 570-62241-12 | LV-14A-10 | 85 | 84 |
| 570-62241-13 - RA | LV-14B-2 | 103 | 108 |
| 570-62241-14 - RA | LV-13-1 | 79 | 86 |
| 570-62241-15 | LV-13-2.5 | 83 | 85 |
| 570-62241-16 | LV-13-5 | 72 | 73 |
| 570-62241-17 | LV-13-7.5 | 65 | 64 |
| 570-62241-18 | LV-13-10 | 82 | 84 |
| LCS 570-158675/2-A | Lab Control Sample | 104 | 104 |
| LCSD 570-158675/3-A | Lab Control Sample Dup | 97 | 100 |
| MB 570-158675/1-A | Method Blank | 102 | 94 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-158636/7**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158636/7**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/21/21 13:47 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *80 - 142* | | *06/21/21 13:47* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | | *06/21/21 13:47* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* | | *06/21/21 13:47* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *06/21/21 13:47* | *1* |

**Lab Sample ID: LCS 570-158636/4**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 48.97 | | ug/Kg | | 98 | 67 - 122 |
| 1,2-Dibromoethane | 50.0 | 47.60 | | ug/Kg | | 95 | 80 - 123 |
| 1,2-Dichlorobenzene | 50.0 | 48.06 | | ug/Kg | | 96 | 80 - 120 |
| 1,2-Dichloroethane | 50.0 | 48.48 | | ug/Kg | | 97 | 80 - 125 |
| Benzene | 50.0 | 48.62 | | ug/Kg | | 97 | 79 - 120 |
| Carbon tetrachloride | 50.0 | 58.54 | | ug/Kg | | 117 | 69 - 132 |
| Chlorobenzene | 50.0 | 49.29 | | ug/Kg | | 99 | 80 - 120 |
| Di-isopropyl ether (DIPE) | 50.0 | 48.67 | | ug/Kg | | 97 | 62 - 128 |
| Ethanol | 500 | 439.4 | | ug/Kg | | 88 | 48 - 151 |
| Ethylbenzene | 50.0 | 49.61 | | ug/Kg | | 99 | 80 - 120 |
| Ethyl-t-butyl ether (ETBE) | 50.0 | 49.67 | | ug/Kg | | 99 | 66 - 123 |
| Methyl-t-Butyl Ether (MTBE) | 50.0 | 47.79 | | ug/Kg | | 96 | 68 - 120 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-158636/4**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylene | | | 100 | 98.19 | | ug/Kg | | 98 | 79 - 120 | | |
| o-Xylene | | | 50.0 | 49.20 | | ug/Kg | | 98 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

**Lab Sample ID: LCSD 570-158636/5**
**Matrix: Solid**
**Analysis Batch: 158636**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 46.14 | | ug/Kg | | 92 | 67 - 122 | 6 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 44.10 | | ug/Kg | | 88 | 80 - 123 | 8 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 45.46 | | ug/Kg | | 91 | 80 - 120 | 6 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 44.37 | | ug/Kg | | 89 | 80 - 125 | 9 | 20 |
| Benzene | | | 50.0 | 44.85 | | ug/Kg | | 90 | 79 - 120 | 8 | 20 |
| Carbon tetrachloride | | | 50.0 | 54.64 | | ug/Kg | | 109 | 69 - 132 | 7 | 20 |
| Chlorobenzene | | | 50.0 | 46.03 | | ug/Kg | | 92 | 80 - 120 | 7 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.17 | | ug/Kg | | 90 | 62 - 128 | 7 | 20 |
| Ethanol | | | 500 | 444.2 | | ug/Kg | | 89 | 48 - 151 | 1 | 29 |
| Ethylbenzene | | | 50.0 | 45.97 | | ug/Kg | | 92 | 80 - 120 | 8 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 45.97 | | ug/Kg | | 92 | 66 - 123 | 8 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 44.35 | | ug/Kg | | 89 | 68 - 120 | 7 | 20 |
| m,p-Xylene | | | 100 | 91.54 | | ug/Kg | | 92 | 79 - 120 | 7 | 20 |
| o-Xylene | | | 50.0 | 46.64 | | ug/Kg | | 93 | 79 - 120 | 5 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: MB 570-158836/11**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1,1-Trichloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1,2-Trichloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1-Dichloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,1-Dichloropropene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158836/11**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2,3-Trichloropropane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2,4-Trimethylbenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dibromoethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dichloroethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,2-Dichloropropane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,3,5-Trimethylbenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,3-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,3-Dichloropropane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 1,4-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 2,2-Dichloropropane | ND | | 250 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 2-Butanone | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 2-Chlorotoluene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 2-Hexanone | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 4-Chlorotoluene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| 4-Methyl-2-pentanone | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Acetone | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Benzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromochloromethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromodichloromethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromoform | ND | | 250 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Bromomethane | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Carbon disulfide | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Carbon tetrachloride | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Chlorobenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Chloroethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Chloroform | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| cis-1,2-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Chloromethane | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| cis-1,3-Dichloropropene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Dibromochloromethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Dibromomethane | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Dichlorodifluoromethane | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Di-isopropyl ether (DIPE) | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Ethanol | ND | | 13000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Ethylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Ethyl-t-butyl ether (ETBE) | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Isopropylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Methylene Chloride | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Naphthalene | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| n-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| N-Propylbenzene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| m,p-Xylene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| o-Xylene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158836/11**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| p-Isopropyltoluene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| sec-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Styrene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Tert-amyl-methyl ether (TAME) | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| tert-Butyl alcohol (TBA) | ND | | 1000 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| tert-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Tetrachloroethene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Toluene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| trans-1,2-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| trans-1,3-Dichloropropene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Trichloroethene | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Trichlorofluoromethane | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Vinyl acetate | ND | | 500 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Vinyl chloride | ND | | 50 | | ug/Kg | | | 06/22/21 13:08 | 50 |
| Xylenes, Total | ND | | 100 | | ug/Kg | | | 06/22/21 13:08 | 50 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *92* | | *80 - 142* | | *06/22/21 13:08* | *50* |
| *4-Bromofluorobenzene (Surr)* | *95* | | *80 - 120* | | *06/22/21 13:08* | *50* |
| *Dibromofluoromethane (Surr)* | *93* | | *80 - 123* | | *06/22/21 13:08* | *50* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | | *06/22/21 13:08* | *50* |

**Lab Sample ID: MB 570-158836/12**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158836/12**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/22/21 13:45 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-158836/12**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/22/21 13:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *80 - 142* | | *06/22/21 13:45* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | | *06/22/21 13:45* | *1* |
| *Dibromofluoromethane (Surr)* | *96* | | *80 - 123* | | *06/22/21 13:45* | *1* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* | | *06/22/21 13:45* | *1* |

**Lab Sample ID: LCS 570-158836/4**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 49.67 | | ug/Kg | | 99 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 57.77 | | ug/Kg | | 116 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 56.59 | | ug/Kg | | 113 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 54.76 | | ug/Kg | | 110 | 80 - 125 | | |
| Benzene | | | 50.0 | 48.96 | | ug/Kg | | 98 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 51.97 | | ug/Kg | | 104 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 57.61 | | ug/Kg | | 115 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.23 | | ug/Kg | | 98 | 62 - 128 | | |
| Ethanol | | | 500 | 488.3 | | ug/Kg | | 98 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 58.02 | | ug/Kg | | 116 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 50.49 | | ug/Kg | | 101 | 66 - 123 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.35 | | ug/Kg | | 101 | 68 - 120 | | |
| m,p-Xylene | | | 100 | 116.8 | | ug/Kg | | 117 | 79 - 120 | | |
| o-Xylene | | | 50.0 | 59.20 | | ug/Kg | | 118 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *98* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* |

**Lab Sample ID: LCSD 570-158836/5**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 49.89 | | ug/Kg | | 100 | 67 - 122 | 0 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 58.39 | | ug/Kg | | 117 | 80 - 123 | 1 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 56.53 | | ug/Kg | | 113 | 80 - 120 | 0 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 54.82 | | ug/Kg | | 110 | 80 - 125 | 0 | 20 |
| Benzene | | | 50.0 | 48.45 | | ug/Kg | | 97 | 79 - 120 | 1 | 20 |
| Carbon tetrachloride | | | 50.0 | 54.24 | | ug/Kg | | 108 | 69 - 132 | 4 | 20 |
| Chlorobenzene | | | 50.0 | 57.89 | | ug/Kg | | 116 | 80 - 120 | 0 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.65 | | ug/Kg | | 99 | 62 - 128 | 1 | 20 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-158836/5**
**Matrix: Solid**
**Analysis Batch: 158836**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ethanol | | | 500 | 533.1 | | ug/Kg | | 107 | 48 - 151 | 9 | 29 |
| Ethylbenzene | | | 50.0 | 58.25 | | ug/Kg | | 116 | 80 - 120 | 0 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 51.85 | | ug/Kg | | 104 | 66 - 123 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 51.05 | | ug/Kg | | 102 | 68 - 120 | 1 | 20 |
| m,p-Xylene | | | 100 | 116.4 | | ug/Kg | | 116 | 79 - 120 | 0 | 20 |
| o-Xylene | | | 50.0 | 59.10 | | ug/Kg | | 118 | 79 - 120 | 0 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* |

**Lab Sample ID: MB 570-159143/3-A**
**Matrix: Solid**
**Analysis Batch: 159176**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159143**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159143/3-A**
**Matrix: Solid**
**Analysis Batch: 159176**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159143**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 09:04 | 06/23/21 12:14 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *64 - 141* | *06/23/21 09:04* | *06/23/21 12:14* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *76 - 120* | *06/23/21 09:04* | *06/23/21 12:14* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *47 - 142* | *06/23/21 09:04* | *06/23/21 12:14* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 09:04* | *06/23/21 12:14* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159176/3**
**Matrix: Solid**
**Analysis Batch: 159176**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.53 | | ug/Kg | | 95 | 68 - 120 | | |
| 1,2-Dibromoethane | | | 50.0 | 48.38 | | ug/Kg | | 97 | 80 - 120 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 50.13 | | ug/Kg | | 100 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 50.25 | | ug/Kg | | 101 | 76 - 126 | | |
| Benzene | | | 50.0 | 50.00 | | ug/Kg | | 100 | 76 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 53.01 | | ug/Kg | | 106 | 68 - 132 | | |
| Chlorobenzene | | | 50.0 | 48.18 | | ug/Kg | | 96 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.52 | | ug/Kg | | 99 | 69 - 123 | | |
| Ethanol | | | 500 | 583.9 | | ug/Kg | | 117 | 46 - 152 | | |
| Ethylbenzene | | | 50.0 | 49.08 | | ug/Kg | | 98 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 42.47 | | ug/Kg | | 85 | 69 - 121 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 46.90 | | ug/Kg | | 94 | 70 - 120 | | |
| m,p-Xylene | | | 100 | 99.50 | | ug/Kg | | 99 | 75 - 122 | | |
| o-Xylene | | | 50.0 | 49.81 | | ug/Kg | | 100 | 76 - 125 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *64 - 141* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *47 - 142* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159176/4**
**Matrix: Solid**
**Analysis Batch: 159176**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.33 | | ug/Kg | | 95 | 68 - 120 | 0 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 48.21 | | ug/Kg | | 96 | 80 - 120 | 0 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 49.26 | | ug/Kg | | 99 | 80 - 120 | 2 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 49.91 | | ug/Kg | | 100 | 76 - 126 | 1 | 20 |
| Benzene | | | 50.0 | 50.20 | | ug/Kg | | 100 | 76 - 120 | 0 | 20 |
| Carbon tetrachloride | | | 50.0 | 53.76 | | ug/Kg | | 108 | 68 - 132 | 1 | 20 |
| Chlorobenzene | | | 50.0 | 48.38 | | ug/Kg | | 97 | 80 - 120 | 0 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.11 | | ug/Kg | | 98 | 69 - 123 | 1 | 20 |
| Ethanol | | | 500 | 599.1 | | ug/Kg | | 120 | 46 - 152 | 3 | 30 |
| Ethylbenzene | | | 50.0 | 48.69 | | ug/Kg | | 97 | 80 - 120 | 1 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 42.81 | | ug/Kg | | 86 | 69 - 121 | 1 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 47.22 | | ug/Kg | | 94 | 70 - 120 | 1 | 20 |
| m,p-Xylene | | | 100 | 97.83 | | ug/Kg | | 98 | 75 - 122 | 2 | 20 |
| o-Xylene | | | 50.0 | 50.23 | | ug/Kg | | 100 | 76 - 125 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *64 - 141* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *105* | | *47 - 142* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-158746/36**
**Matrix: Solid**
**Analysis Batch: 158746**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/22/21 00:19 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *42 - 126* | | *06/22/21 00:19* | *1* |

**Lab Sample ID: LCS 570-158746/34**
**Matrix: Solid**
**Analysis Batch: 158746**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 1.690 | | mg/Kg | | 79 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

**Lab Sample ID: LCSD 570-158746/35**
**Matrix: Solid**
**Analysis Batch: 158746**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 1.754 | | mg/Kg | | 82 | 70 - 124 | 4 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *42 - 126* |

**Lab Sample ID: MB 570-158754/21**
**Matrix: Solid**
**Analysis Batch: 158754**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/21/21 18:44 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* | | *06/21/21 18:44* | *1* |

**Lab Sample ID: LCS 570-158754/19**
**Matrix: Solid**
**Analysis Batch: 158754**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.948 | | mg/Kg | | 92 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *42 - 126* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: LCSD 570-158754/20**
**Matrix: Solid**
**Analysis Batch: 158754**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 1.955 | | mg/Kg | | 92 | 70 - 124 | 0 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *105* | | *42 - 126* |

**Lab Sample ID: MB 570-158949/5**
**Matrix: Solid**
**Analysis Batch: 158949**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/22/21 14:56 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *42 - 126* | | *06/22/21 14:56* | *1* |

**Lab Sample ID: LCS 570-158949/3**
**Matrix: Solid**
**Analysis Batch: 158949**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.11 | 1.967 | | mg/Kg | | 93 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *42 - 126* |

**Lab Sample ID: LCSD 570-158949/4**
**Matrix: Solid**
**Analysis Batch: 158949**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.959 | | mg/Kg | | 92 | 70 - 124 | 0 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *42 - 126* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-159386/1-A**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 14:45 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/23/21 19:56 | 06/24/21 14:45 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: MB 570-159386/1-A**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 106 | | 60 - 138 | 06/23/21 19:56 | 06/24/21 14:45 | 1 |

**Lab Sample ID: LCS 570-159386/2-A**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 415.6 | | mg/Kg | | 104 | 80 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 108 | | 60 - 138 |

**Lab Sample ID: LCSD 570-159386/3-A**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 369.8 | | mg/Kg | | 92 | 80 - 130 | 12 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 94 | | 60 - 138 |

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 140 | | 397 | 551.0 | | mg/Kg | | 104 | 43 - 165 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 98 | | 60 - 138 |

**Lab Sample ID: 570-62241-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159547**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159386**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 140 | | 401 | 555.8 | | mg/Kg | | 104 | 43 - 165 | 1 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 103 | | 60 - 138 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-158675/1-A**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/21/21 12:33 | 06/22/21 22:55 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *102* | | *25 - 126* | *06/21/21 12:33* | *06/22/21 22:55* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *94* | | *20 - 155* | *06/21/21 12:33* | *06/22/21 22:55* | *1* |

**Lab Sample ID: LCS 570-158675/2-A**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 97.52 | | ug/Kg | | 98 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 98.12 | | ug/Kg | | 98 | 50 - 150 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *104* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *104* | | *20 - 155* |

**Lab Sample ID: LCSD 570-158675/3-A**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 91.06 | | ug/Kg | | 91 | 50 - 142 | 7 | 30 |
| Aroclor-1260 | | | 100 | 94.14 | | ug/Kg | | 94 | 50 - 150 | 4 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *97* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *100* | | *20 - 155* |

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.9 | 124.9 | | ug/Kg | | 125 | 20 - 175 | | |
| Aroclor-1260 | 89 | | 99.9 | 123.7 | | ug/Kg | | 35 | 20 - 180 | | |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *80* | | *20 - 155* |

**Lab Sample ID: 570-62241-1 MSD**
**Matrix: Solid**
**Analysis Batch: 158940**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 158675**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.9 | 128.4 | p | ug/Kg | | 129 | 20 - 175 | 3 | 40 |
| Aroclor-1260 | 89 | | 99.9 | 157.6 | | ug/Kg | | 69 | 20 - 180 | 24 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *80* | | *20 - 155* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-159345/1-A**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Barium | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Beryllium | ND | | 0.263 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Cobalt | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Chromium | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Copper | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Molybdenum | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Nickel | ND | | 0.526 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Vanadium | ND | | 1.05 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Zinc | ND | | 10.5 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/23/21 17:35 | 06/24/21 17:02 | 1 |

**Lab Sample ID: LCS 570-159345/2-A**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | | | 12.6 | 12.40 | | mg/Kg | | 99 | 80 - 120 | | |
| Arsenic | | | 25.1 | 23.12 | | mg/Kg | | 92 | 80 - 120 | | |
| Barium | | | 25.1 | 27.38 | | mg/Kg | | 109 | 80 - 120 | | |
| Beryllium | | | 25.1 | 24.54 | | mg/Kg | | 98 | 80 - 120 | | |
| Cadmium | | | 25.1 | 24.76 | | mg/Kg | | 99 | 80 - 120 | | |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-159345/2-A**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Cobalt | 25.1 | 24.89 | | mg/Kg | | 99 | 80 - 120 |
| Chromium | 25.1 | 25.51 | | mg/Kg | | 102 | 80 - 120 |
| Copper | 25.1 | 27.28 | | mg/Kg | | 109 | 80 - 120 |
| Molybdenum | 25.1 | 24.47 | | mg/Kg | | 97 | 80 - 120 |
| Nickel | 25.1 | 26.25 | | mg/Kg | | 104 | 80 - 120 |
| Antimony | 25.1 | 24.24 | | mg/Kg | | 96 | 80 - 120 |
| Selenium | 25.1 | 22.03 | | mg/Kg | | 88 | 80 - 120 |
| Thallium | 25.1 | 23.80 | | mg/Kg | | 95 | 80 - 120 |
| Vanadium | 25.1 | 25.45 | | mg/Kg | | 101 | 80 - 120 |
| Zinc | 25.1 | 24.85 | | mg/Kg | | 99 | 80 - 120 |
| Lead | 25.1 | 23.87 | | mg/Kg | | 95 | 80 - 120 |

**Lab Sample ID: LCSD 570-159345/3-A**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Silver | 12.8 | 12.91 | | mg/Kg | | 101 | 80 - 120 | 4 | 20 |
| Arsenic | 25.6 | 23.75 | | mg/Kg | | 93 | 80 - 120 | 3 | 20 |
| Barium | 25.6 | 28.58 | | mg/Kg | | 111 | 80 - 120 | 4 | 20 |
| Beryllium | 25.6 | 25.67 | | mg/Kg | | 100 | 80 - 120 | 5 | 20 |
| Cadmium | 25.6 | 25.65 | | mg/Kg | | 100 | 80 - 120 | 4 | 20 |
| Cobalt | 25.6 | 25.92 | | mg/Kg | | 101 | 80 - 120 | 4 | 20 |
| Chromium | 25.6 | 26.64 | | mg/Kg | | 104 | 80 - 120 | 4 | 20 |
| Copper | 25.6 | 28.50 | | mg/Kg | | 111 | 80 - 120 | 4 | 20 |
| Molybdenum | 25.6 | 25.90 | | mg/Kg | | 101 | 80 - 120 | 6 | 20 |
| Nickel | 25.6 | 27.16 | | mg/Kg | | 106 | 80 - 120 | 3 | 20 |
| Antimony | 25.6 | 25.21 | | mg/Kg | | 98 | 80 - 120 | 4 | 20 |
| Selenium | 25.6 | 24.84 | | mg/Kg | | 97 | 80 - 120 | 12 | 20 |
| Thallium | 25.6 | 24.20 | | mg/Kg | | 94 | 80 - 120 | 2 | 20 |
| Vanadium | 25.6 | 26.54 | | mg/Kg | | 104 | 80 - 120 | 4 | 20 |
| Zinc | 25.6 | 26.60 | | mg/Kg | | 104 | 80 - 120 | 7 | 20 |
| Lead | 25.6 | 25.16 | | mg/Kg | | 98 | 80 - 120 | 5 | 20 |

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.8 | 14.27 | | mg/Kg | | 112 | 75 - 125 |
| Arsenic | ND | | 25.5 | 25.43 | | mg/Kg | | 100 | 75 - 125 |
| Barium | 76.8 | F1 | 25.5 | 117.4 | F1 | mg/Kg | | 159 | 75 - 125 |
| Beryllium | ND | | 25.5 | 29.28 | | mg/Kg | | 114 | 75 - 125 |
| Cadmium | ND | | 25.5 | 27.78 | | mg/Kg | | 109 | 75 - 125 |
| Cobalt | 3.32 | | 25.5 | 32.02 | | mg/Kg | | 113 | 75 - 125 |
| Chromium | 6.51 | | 25.5 | 35.23 | | mg/Kg | | 113 | 75 - 125 |
| Copper | 6.90 | | 25.5 | 36.54 | | mg/Kg | | 116 | 75 - 125 |
| Molybdenum | ND | | 25.5 | 22.91 | | mg/Kg | | 90 | 75 - 125 |
| Nickel | 5.84 | | 25.5 | 34.68 | | mg/Kg | | 113 | 75 - 125 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62241-1 MS**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | F1 | 25.5 | 6.715 | F1 | mg/Kg | | 26 | 75 - 125 |
| Selenium | ND | F1 | 25.5 | 15.58 | F1 | mg/Kg | | 61 | 75 - 125 |
| Thallium | ND | | 25.5 | 27.96 | | mg/Kg | | 110 | 75 - 125 |
| Vanadium | 12.3 | | 25.5 | 41.20 | | mg/Kg | | 113 | 75 - 125 |
| Zinc | 16.1 | | 25.5 | 42.87 | | mg/Kg | | 105 | 75 - 125 |
| Lead | ND | | 25.5 | 30.69 | | mg/Kg | | 110 | 75 - 125 |

**Lab Sample ID: 570-62241-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159635**

**Client Sample ID: LV-4-1**
**Prep Type: Total/NA**
**Prep Batch: 159345**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.3 | 13.79 | | mg/Kg | | 112 | 75 - 125 | 3 | 20 |
| Arsenic | ND | | 24.6 | 24.22 | | mg/Kg | | 98 | 75 - 125 | 5 | 20 |
| Barium | 76.8 | F1 | 24.6 | 113.6 | F1 | mg/Kg | | 149 | 75 - 125 | 3 | 20 |
| Beryllium | ND | | 24.6 | 27.95 | | mg/Kg | | 113 | 75 - 125 | 5 | 20 |
| Cadmium | ND | | 24.6 | 26.47 | | mg/Kg | | 107 | 75 - 125 | 5 | 20 |
| Cobalt | 3.32 | | 24.6 | 31.07 | | mg/Kg | | 113 | 75 - 125 | 3 | 20 |
| Chromium | 6.51 | | 24.6 | 34.13 | | mg/Kg | | 112 | 75 - 125 | 3 | 20 |
| Copper | 6.90 | | 24.6 | 35.99 | | mg/Kg | | 118 | 75 - 125 | 2 | 20 |
| Molybdenum | ND | | 24.6 | 22.03 | | mg/Kg | | 89 | 75 - 125 | 4 | 20 |
| Nickel | 5.84 | | 24.6 | 33.80 | | mg/Kg | | 114 | 75 - 125 | 3 | 20 |
| Antimony | ND | F1 | 24.6 | 5.900 | F1 | mg/Kg | | 24 | 75 - 125 | 13 | 20 |
| Selenium | ND | F1 | 24.6 | 16.78 | F1 | mg/Kg | | 68 | 75 - 125 | 7 | 20 |
| Thallium | ND | | 24.6 | 26.25 | | mg/Kg | | 107 | 75 - 125 | 6 | 20 |
| Vanadium | 12.3 | | 24.6 | 39.82 | | mg/Kg | | 112 | 75 - 125 | 3 | 20 |
| Zinc | 16.1 | | 24.6 | 41.30 | | mg/Kg | | 102 | 75 - 125 | 4 | 20 |
| Lead | ND | | 24.6 | 28.98 | | mg/Kg | | 107 | 75 - 125 | 6 | 20 |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-159348/1-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159348**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/23/21 17:45 | 06/24/21 13:42 | 1 |

**Lab Sample ID: LCS 570-159348/2-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159348**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.820 | 0.8920 | | mg/Kg | | 109 | 85 - 121 |

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCSD 570-159348/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159634**
**Prep Batch: 159348**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.833 | 0.9326 | | mg/Kg | | 112 | 85 - 121 | 4 | 10 |

**Lab Sample ID: 570-62241-1 MS**
**Client Sample ID: LV-4-1**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159634**
**Prep Batch: 159348**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | F2 F1 | 0.794 | 0.5115 | F1 | mg/Kg | | 56 | 71 - 137 | | |

**Lab Sample ID: 570-62241-1 MSD**
**Client Sample ID: LV-4-1**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159634**
**Prep Batch: 159348**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | F2 F1 | 0.833 | 0.6217 | F2 F1 | mg/Kg | | 67 | 71 - 137 | 19 | 14 |

## GC/MS VOA

### Analysis Batch: 158636

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 8260B | 158661 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 8260B | 158661 |
| MB 570-158636/7 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-158636/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-158636/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Prep Batch: 158659

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 5035 | |

### Prep Batch: 158661

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 5035 | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 5035 | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 5035 | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 5035 | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 5035 | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 5035 | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 5035 | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 5035 | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 5035 | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 5035 | |

### Analysis Batch: 158836

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 8260B | 158659 |
| MB 570-158836/11 | Method Blank | Total/NA | Solid | 8260B | |
| MB 570-158836/12 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-158836/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-158836/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Prep Batch: 159143

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 5030C | |
| MB 570-159143/3-A | Method Blank | Total/NA | Solid | 5030C | |

### Analysis Batch: 159176

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 8260B | 159143 |
| MB 570-159143/3-A | Method Blank | Total/NA | Solid | 8260B | 159143 |
| LCS 570-159176/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159176/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## GC VOA

### Prep Batch: 158661

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 5035 | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 5035 | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 5035 | |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 5035 | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 5035 | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 5035 | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 5035 | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 5035 | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 5035 | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 5035 | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 5035 | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 5035 | |

### Analysis Batch: 158746

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 8015B | 158661 |
| MB 570-158746/36 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-158746/34 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-158746/35 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 158754

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 8015B | 158661 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 8015B | 158661 |
| MB 570-158754/21 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-158754/19 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-158754/20 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 158949

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 8015B | 158661 |
| MB 570-158949/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-158949/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-158949/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC Semi VOA

### Prep Batch: 158675

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 3546 | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 3546 | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 3546 | |
| 570-62241-4 - DL | LV-8-1 | Total/NA | Solid | 3546 | |

## GC Semi VOA (Continued)

### Prep Batch: 158675 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-4 - RA | LV-8-1 | Total/NA | Solid | 3546 | |
| 570-62241-5 - DL | LV-8-3 | Total/NA | Solid | 3546 | |
| 570-62241-5 - RA | LV-8-3 | Total/NA | Solid | 3546 | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 3546 | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 3546 | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 3546 | |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 3546 | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 3546 | |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 3546 | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 3546 | |
| 570-62241-13 - RA | LV-14B-2 | Total/NA | Solid | 3546 | |
| 570-62241-14 - RA | LV-13-1 | Total/NA | Solid | 3546 | |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 3546 | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 3546 | |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 3546 | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 3546 | |
| MB 570-158675/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-158675/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-158675/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 3546 | |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 3546 | |

### Analysis Batch: 158940

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 8082 | 158675 |
| MB 570-158675/1-A | Method Blank | Total/NA | Solid | 8082 | 158675 |
| LCS 570-158675/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 158675 |
| LCSD 570-158675/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 158675 |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 8082 | 158675 |

### Analysis Batch: 159041

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-4 - RA | LV-8-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-4 - DL | LV-8-1 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-5 - RA | LV-8-3 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-5 - DL | LV-8-3 | Total/NA | Solid | 8082 | 158675 |
| 570-62241-13 - RA | LV-14B-2 | Total/NA | Solid | 8082 | 158675 |

## GC Semi VOA (Continued)

### Analysis Batch: 159041 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-14 - RA | LV-13-1 | Total/NA | Solid | 8082 | 158675 |

### Prep Batch: 159386

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 3550C | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 3550C | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 3550C | |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 3550C | |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 3550C | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 3550C | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 3550C | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 3550C | |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 3550C | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 3550C | |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 3550C | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 3550C | |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 3550C | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 3550C | |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 3550C | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 3550C | |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 3550C | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 3550C | |
| MB 570-159386/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-159386/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-159386/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 3550C | |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 3550C | |

### Analysis Batch: 159547

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 8015B | 159386 |
| MB 570-159386/1-A | Method Blank | Total/NA | Solid | 8015B | 159386 |
| LCS 570-159386/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 159386 |
| LCSD 570-159386/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 159386 |

## GC Semi VOA (Continued)

### Analysis Batch: 159547 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 8015B | 159386 |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 8015B | 159386 |

## Metals

### Prep Batch: 159345

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 3050B | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 3050B | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 3050B | |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 3050B | |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 3050B | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 3050B | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 3050B | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 3050B | |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 3050B | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 3050B | |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 3050B | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 3050B | |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 3050B | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 3050B | |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 3050B | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 3050B | |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 3050B | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 3050B | |
| MB 570-159345/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-159345/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-159345/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 3050B | |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 3050B | |

### Prep Batch: 159348

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 7471A | |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 7471A | |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 7471A | |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 7471A | |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 7471A | |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 7471A | |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 7471A | |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 7471A | |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 7471A | |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 7471A | |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 7471A | |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 7471A | |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 7471A | |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 7471A | |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 7471A | |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 7471A | |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 7471A | |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 7471A | |

## Metals (Continued)

### Prep Batch: 159348 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 570-159348/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-159348/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-159348/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 7471A | |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 7471A | |

### Analysis Batch: 159634

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 7471A | 159348 |
| MB 570-159348/1-A | Method Blank | Total/NA | Solid | 7471A | 159348 |
| LCS 570-159348/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 159348 |
| LCSD 570-159348/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 159348 |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 7471A | 159348 |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 7471A | 159348 |

### Analysis Batch: 159635

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Total/NA | Solid | 6010B | 159345 |
| MB 570-159345/1-A | Method Blank | Total/NA | Solid | 6010B | 159345 |
| LCS 570-159345/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 159345 |
| LCSD 570-159345/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 159345 |
| 570-62241-1 MS | LV-4-1 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-1 MSD | LV-4-1 | Total/NA | Solid | 6010B | 159345 |

### Analysis Batch: 159850

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-2 | LV-4-5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-3 | LV-4-10 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-4 | LV-8-1 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-5 | LV-8-3 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-6 | LV-8-5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-7 | LV-8-10 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-8 | LV-14A-1 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-9 | LV-14A-2.5 | Total/NA | Solid | 6010B | 159345 |

## Metals (Continued)

### Analysis Batch: 159850 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62241-10 | LV-14A-5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-11 | LV-14A-7.5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-12 | LV-14A-10 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-13 | LV-14B-2 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-14 | LV-13-1 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-15 | LV-13-2.5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-16 | LV-13-5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-17 | LV-13-7.5 | Total/NA | Solid | 6010B | 159345 |
| 570-62241-18 | LV-13-10 | Total/NA | Solid | 6010B | 159345 |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-4-1

**Date Collected: 06/18/21 09:42**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-1

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.503 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 14:42 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.217 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158949 | 06/22/21 15:44 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.17 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 19:27 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.18 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 00:24 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.92 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159635 | 06/24/21 17:18 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:48 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-4-5

**Date Collected: 06/18/21 10:16**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-2

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.373 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 15:10 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.57 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 19:56 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.94 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 19:50 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.05 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 00:43 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:22 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:53 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-4-10

**Date Collected: 06/18/21 10:18**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-3

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.325 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 15:39 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.444 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 08:21 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.95 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 20:11 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.19 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 01:18 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:25 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:55 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-8-1

**Date Collected: 06/18/21 11:22**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-4

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.209 g | 5 mL | 158659 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 50 | 5 mL | 5 mL | 158836 | 06/22/21 14:11 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.191 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 11:24 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.90 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 5 | | | 159547 | 06/24/21 20:33 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | RA | | 20.13 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | RA | 1 | | | 159041 | 06/23/21 13:36 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3546 | DL | | 20.13 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | DL | 50 | | | 159041 | 06/23/21 16:35 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:27 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:57 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-8-3

**Date Collected: 06/18/21 11:51**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-5

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.63 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 20:55 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | RA | | 20.20 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | RA | 1 | | | 159041 | 06/23/21 13:54 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3546 | DL | | 20.20 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | DL | 10 | | | 159041 | 06/23/21 16:53 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:29 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 13:59 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-8-5

**Date Collected: 06/18/21 12:02**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-6

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.152 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 16:37 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.783 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 20:43 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.64 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 21:16 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.98 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 02:12 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.07 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:31 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:04 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-8-10

**Date Collected: 06/18/21 12:06**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.604 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 17:06 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.153 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 21:07 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.98 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 21:38 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.98 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 02:30 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.02 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:33 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:06 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-1

**Date Collected: 06/18/21 14:12**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-8

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5030C | | | 5.02 g | 5 mL | 159143 | 06/23/21 12:31 | C5SC | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159176 | 06/23/21 13:23 | U4JL | ECL 2 |
| | Instrument ID: GCMSQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.241 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 10:36 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.52 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 21:59 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.97 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 02:48 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:35 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:08 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-2.5

**Lab Sample ID: 570-62241-9**

**Date Collected: 06/18/21 14:16**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.22 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/24/21 23:50 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.04 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 03:06 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:37 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:10 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-5

**Lab Sample ID: 570-62241-10**

**Date Collected: 06/18/21 14:25**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.305 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 17:34 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.765 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 21:55 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.80 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 00:12 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 03:24 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.92 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:39 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:12 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-7.5

**Lab Sample ID: 570-62241-11**

**Date Collected: 06/18/21 14:27**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.24 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 00:34 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |

## Client Sample ID: LV-14A-7.5

**Lab Sample ID: 570-62241-11**

**Date Collected: 06/18/21 14:27**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.07 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 03:42 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:41 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:14 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14A-10

**Lab Sample ID: 570-62241-12**

**Date Collected: 06/18/21 14:29**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.834 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 18:03 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.413 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158754 | 06/21/21 22:19 | A9VE | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.64 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 00:55 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.27 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 04:00 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:50 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:15 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-14B-2

**Lab Sample ID: 570-62241-13**

**Date Collected: 06/18/21 14:47**

**Matrix: Solid**

**Date Received: 06/18/21 18:35**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.60 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 01:18 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | RA | | 20.07 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | RA | 1 | | | 159041 | 06/23/21 14:47 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-14B-2

**Date Collected: 06/18/21 14:47**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-13

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:52 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:17 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-13-1

**Date Collected: 06/18/21 15:14**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-14

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.736 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 18:32 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.574 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 11:00 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.25 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 01:40 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | RA | | 19.93 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | RA | 1 | | | 159041 | 06/23/21 15:05 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.93 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:54 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:19 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-13-2.5

**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-15

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.95 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 02:04 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.95 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 04:53 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:57 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-13-2.5

**Date Collected: 06/18/21 15:16**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-15

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:21 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-13-5

**Date Collected: 06/18/21 15:18**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-16

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.71 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 19:00 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.527 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 09:10 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.93 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 02:26 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.21 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 05:11 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/24/21 23:59 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:26 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-13-7.5

**Date Collected: 06/18/21 15:20**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-17

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.35 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 02:47 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.95 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 05:29 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/25/21 00:01 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:28 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

## Client Sample ID: LV-13-10

**Date Collected: 06/18/21 15:22**
**Date Received: 06/18/21 18:35**

## Lab Sample ID: 570-62241-18

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.547 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 158636 | 06/21/21 19:29 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.849 g | 5 g | 158661 | 06/21/21 12:13 | OAJ3 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 158746 | 06/22/21 10:12 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.49 g | 10 mL | 159386 | 06/23/21 19:56 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159547 | 06/25/21 03:09 | N5Y3 | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.90 g | 10 mL | 158675 | 06/21/21 12:33 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 158940 | 06/23/21 05:47 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 159345 | 06/23/21 17:35 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 159850 | 06/25/21 00:03 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159348 | 06/23/21 17:45 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 14:30 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62241-1
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | ECL 2 |
| 8015B | Gasoline Range Organics - (GC) | SW846 | ECL 2 |
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | ECL 1 |
| 8082 | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 7471A | Mercury (CVAA) | SW846 | ECL 1 |
| 3050B | Preparation, Metals | SW846 | ECL 1 |
| 3546 | Microwave Extraction | SW846 | ECL 1 |
| 3550C | Ultrasonic Extraction | SW846 | ECL 1 |
| 5030C | Purge and Trap | SW846 | ECL 2 |
| 5035 | Closed System Purge and Trap | SW846 | ECL 2 |
| 7471A | Preparation, Mercury | SW846 | ECL 1 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62241-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62241-1 | LV-4-1 | Solid | 06/18/21 09:42 | 06/18/21 18:35 | |
| 570-62241-2 | LV-4-5 | Solid | 06/18/21 10:16 | 06/18/21 18:35 | |
| 570-62241-3 | LV-4-10 | Solid | 06/18/21 10:18 | 06/18/21 18:35 | |
| 570-62241-4 | LV-8-1 | Solid | 06/18/21 11:22 | 06/18/21 18:35 | |
| 570-62241-5 | LV-8-3 | Solid | 06/18/21 11:51 | 06/18/21 18:35 | |
| 570-62241-6 | LV-8-5 | Solid | 06/18/21 12:02 | 06/18/21 18:35 | |
| 570-62241-7 | LV-8-10 | Solid | 06/18/21 12:06 | 06/18/21 18:35 | |
| 570-62241-8 | LV-14A-1 | Solid | 06/18/21 14:12 | 06/18/21 18:35 | |
| 570-62241-9 | LV-14A-2.5 | Solid | 06/18/21 14:16 | 06/18/21 18:35 | |
| 570-62241-10 | LV-14A-5 | Solid | 06/18/21 14:25 | 06/18/21 18:35 | |
| 570-62241-11 | LV-14A-7.5 | Solid | 06/18/21 14:27 | 06/18/21 18:35 | |
| 570-62241-12 | LV-14A-10 | Solid | 06/18/21 14:29 | 06/18/21 18:35 | |
| 570-62241-13 | LV-14B-2 | Solid | 06/18/21 14:47 | 06/18/21 18:35 | |
| 570-62241-14 | LV-13-1 | Solid | 06/18/21 15:14 | 06/18/21 18:35 | |
| 570-62241-15 | LV-13-2.5 | Solid | 06/18/21 15:16 | 06/18/21 18:35 | |
| 570-62241-16 | LV-13-5 | Solid | 06/18/21 15:18 | 06/18/21 18:35 | |
| 570-62241-17 | LV-13-7.5 | Solid | 06/18/21 15:20 | 06/18/21 18:35 | |
| 570-62241-18 | LV-13-10 | Solid | 06/18/21 15:22 | 06/18/21 18:35 | |

## Dang, Xuan

**From:** Robin Ferber <rferber@leightongroup.com>
**Sent:** Wednesday, June 23, 2021 11:17 AM
**To:** Dang, Xuan; Matt Himmelstein; Marius Vilkas
**Subject:** Xuan - RE: Eurofins Calscience report files from 570-62241-1 Rosemead Holding LLC /13111.001

**Importance:** High

EXTERNAL EMAIL*

June 23, 2021; ~11:15 AM

Xuan,

Please proceed with Option 2 that you have listed below.

Thank you,

Robin

Robin J. Ferber, PG, Principal Geologist
**Leighton Consulting, Inc.**
26074 Avenue Hall, Suite 21, Santa Clarita, CA 91355
Office: (661) 705-3025 ■ Mobile: (213) 610-2446; Fax: (661) 257-7430 ■ www.leightongroup.com
Environmental | Geotechnical | Materials Testing
**SOLUTIONS YOU CAN BUILD ON**

**Please consider the environment before printing this e-mail.**

---

**From:** Xuan Dang [mailto:Xuan.Dang@eurofinset.com]
**Sent:** Tuesday, June 22, 2021 2:51 PM
**To:** Matt Himmelstein; Marius Vilkas; Robin Ferber
**Subject:** Eurofins Calscience report files from 570-62241-1 Rosemead Holding LLC /13111.001

HI Marius,

We have a problem with 8260 analysis for sample #8 LV-14A-1 (570-62241-8). There were 4 low level terracores (in water) and 1 high level terracore (in methanol) submitted for 8015-GRO and 8260-VOC.
8015-GRO used both low level terracores for analysis.
8260-VOC used both terracores for analysis but could not report either data due to QC did not meet the method's criteria.

There is one high level terracore in methanol left to use for analysis, however, the reporting limits if using this terracore in methanol will be100x higher than the low level terracores in water.
We also received a vinyl sleeve for this sample for other analyses.

There are a couple options to proceed with the 8260 analysis. Please advise which option works for you:

1. Use the methanol terracore so all samples will have the same prep method 5035. the reporting limit for this analysis will be 100x higher than the analysis using low level terracores

2. Use an aliquot from the vinyl sleeve to prepare for analysis, the prep method will be 5030 instead of 5035, however, the reporting limits for this analysis will be the same as the low level terracore.

Please feel free to contact me if you have any questions.

Thank you.

**Xuan Dang**
Project Manager

Eurofins Calscience LLC
Phone: 714-895-5494

E-mail: Xuan.Dang@eurofinset.com
www.eurofinsus.com/env

Reference: [570-213348]
Attachments: 1

> > Bank information has changed, please refer to remittance information on invoice. < <

* WARNING - EXTERNAL: This email originated from outside of Eurofins Environment Testing America. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

62241

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan.Dang@eurofinset.com | State of Origin: | Page: Page 1 of 2 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

570-62241 Chain of Custody

**Preservation Codes.**

H - ...
Acetate
c Acid
SO4
H
chlor
orbic Acid
... Water
K - EDTA
L - EDA
M Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 1 | LV-4-1 | 6/18/21 | 0942 | G | Solid | | | X | X | X | X | X | X | 6 | 1 Jar, 5 VOAs |
| 2 | LV-4-5 | | 1016 | | Solid | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 6 | 1 Tube, 5 VOAs |
| 3 | LV-4-10 | | 1018 | | Solid | | | | | | | | | 6 | 1 Tube, 5 VOAs |
| 4 | LV-8-1 | | 1122 | | Solid | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 6 | 1 Jar, 5 VOAs |
| 5 | LV-8-3 | | 1151 | | Solid | | | | X | | X | X | X | 1 | 1 Jar |
| 6 | LV-8-5 | | 1202 | | Solid | | | X | X | X | X | X | X | 6 | 1 Tube, 5 VOAs |
| 7 | LV-8-10 | | 1206 | | Solid | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 6 | 1 Tube, 5 VOAs |
| 8 | LV-14A-1 | | 1412 | | Solid | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | 6 | 1 Jar |
| 9 | LV-14A-2.5 | | 1416 | | Solid | | | | X | | X | X | X | 1 | 1 Jar |
| 10 | LV-14A-5 | | 1425 | | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs |
| 11 | LV-14A-7.5 | ↓ | 1427 | V | Solid | | | | X | | X | X | X | 1 | 1 Jar |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time | Method of Shipment: |
|---|---|---|---|
| | | | |

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-18-21 16:07 | Leighton | | 06/18/21 1607 | EQ |
| 2 | | 06/18/21 1835 | EQ | | 6/18/21 1835 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.1 | 3.5 SCS

Ver 01/16/2019

Page 98 of 100

6/25/2021

62241

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan.Dang@eurofinset.com | State of Origin: | Page: Page 2 of 2 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z other (specify)
Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 12 | LV-14A-10 | 6-18-21 | 1429 | G | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs HOLD VOCs and TPH-G |
| 13 | LV-14B-2 | 6 | 1447 | G | Solid | | | | X | | X | X | X | 1 | 1 Jar |
| 14 | LV-13-1 | | 1514 | G | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs |
| 15 | LV-13-2.5 | | 1516 | G | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 16 | LV-13-5 | | 1518 | G | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs |
| 17 | LV-13-7.5 | | 1520 | G | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 18 | LV-13-10 | | 1522 | G | Solid | | | X | X | X | X | X | X | 6 | 1 tube, 5 VOAs HOLD VOCs and TPH-G |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-18-21 16:07 | Leighton | | 06/18/21 1607 | ECI |
| 2 | | 06/18/21 1835 | ECI | | 6/18/21 1835 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62241-1

**Login Number: 62241**
**List Number: 1**
**Creator: Patel, Jayesh**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62332-1
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*6/30/2021 5:38:45 PM*

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 6
Client Sample Results . . . . . 18
Surrogate Summary . . . . . 110
QC Sample Results . . . . . 115
QC Association Summary . . . . . 138
Lab Chronicle . . . . . 150
Certification Summary . . . . . 169
Method Summary . . . . . 170
Sample Summary . . . . . 171
Chain of Custody . . . . . 172
Receipt Checklists . . . . . 177

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| p | The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| L | A negative instrument reading had an absolute value greater than the reporting limit |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-62332-1

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
**570-62332-1**

**Comments**
No additional comments.

**Receipt**
The samples were received on 6/21/2021 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.6º C and 2.8º C.

**GC/MS VOA**
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159363.

Method 8260B: The initial calibration curve analyzed in batch 570-159363 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159453.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159461.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC VOA**
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-159654.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159777.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159497.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC Semi VOA**
Method 8082: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: LV-17-2.5 (570-62332-23). The sample(s) has been quantified and reported as Aroclor 1268. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: LV-10-1 (570-62332-39). The sample(s) has been quantified and reported as Aroclor 1260. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method 8082: The following sample appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: LV-15-1 (570-62332-12). The sample(s) has been quantified and reported as Aroclor 1254 and 1260. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

## Job ID: 570-62332-1 (Continued)

### Laboratory: Eurofins Calscience LLC (Continued)

**Metals**

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-159530 and analytical batch 570-160312 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The absolute response for Antimony and Selenium was greater than the method reporting limit (RL) in the following samples: LV-11-2.5 (570-62332-3) and LV-11-5 (570-62332-4).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Arsenic was greater than the method reporting limit (RL) in the following samples: LV-11-10 (570-62332-6), LV-12-10 (570-62332-11) and LV-16-10 (570-62332-21).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-159584 and analytical batch 570-160312 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The absolute response for Arsenic was greater than the method reporting limit (RL) in the following samples: LV-17-10 (570-62332-26), LV-19-10 (570-62332-31), LV-18-10 (570-62332-37) and LV-10-10 (570-62332-41).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Molybdenum was greater than the method reporting limit (RL) in the following samples: LV-11-7.5 (570-62332-5), LV-11-10 (570-62332-6), LV-12-2.5 (570-62332-8), LV-12-10 (570-62332-11), LV-15-7.5 (570-62332-15), LV-16-10 (570-62332-21), LV-17-10 (570-62332-26), LV-19-10 (570-62332-31), LV-18-7.5 (570-62332-36), LV-18-10 (570-62332-37) and LV-10-10 (570-62332-41).
The instrument raw data has been manually reviewed and the result can be reported as ND.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**VOA Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-11-1 — Lab Sample ID: 570-62332-1

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 54 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.9 | | 0.73 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.6 | | 0.73 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 46.8 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.79 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.73 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.86 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 1.04 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.70 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 9.62 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 33.0 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 11.9 | | 5.13 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-11-1-DUP — Lab Sample ID: 570-62332-2

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 100 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 3.5 | | 0.81 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 3.3 | | 0.81 | | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: LV-11-2.5 — Lab Sample ID: 570-62332-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 7.5 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 131 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.565 | | 0.243 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 9.52 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 19.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 33.9 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.5 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 32.6 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 46.4 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-11-5 — Lab Sample ID: 570-62332-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 7.3 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 1.4 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 1.9 | | 1.6 | | ug/Kg | 1 | | 8260B | Total/NA |
| o-Xylene | 0.86 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 7.2 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| Xylenes, Total | 2.8 | | 1.6 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 0.19 | | 0.079 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 128 | | 0.478 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.358 | | 0.239 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.22 | | 0.957 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 14.8 | | 0.957 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 18.7 | | 0.957 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.7 | | 0.478 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 26.2 | | 0.957 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 33.3 | | 9.57 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-11-7.5 — Lab Sample ID: 570-62332-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 141 | | 0.476 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.641 | | 0.238 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.479 | | 0.476 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.7 | | 0.952 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 20.9 | | 0.952 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 33.0 | | 0.952 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 17.3 | | 0.476 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 41.6 | | 0.952 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 47.2 | | 9.52 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-11-10 — Lab Sample ID: 570-62332-6

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 122 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.448 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 9.46 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 15.7 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 21.2 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 13.6 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 31.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 42.8 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-12-1 — Lab Sample ID: 570-62332-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 34 | | 12 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.5 | | 0.62 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 2.3 | | 0.62 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.1 | | 0.62 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 5.1 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 5.01 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 95.2 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.35 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 10.3 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 21.8 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 1.06 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 8.57 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 15.3 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 101 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 166 | | 5.00 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-12-2.5 — Lab Sample ID: 570-62332-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 107 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.497 | | 0.255 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.30 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.7 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 24.6 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 13.9 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 26.7 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-12-2.5 (Continued) — Lab Sample ID: 570-62332-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Zinc | 40.7 | | 10.2 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-12-5 — Lab Sample ID: 570-62332-9

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 4.3 | | 0.77 | | ug/Kg | 1 | | 8260B | Total/NA |
| Ethylbenzene | 0.91 | | 0.77 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 4.4 | | 0.77 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 95.7 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.270 | | 0.260 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.93 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.7 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 13.4 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 8.08 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 21.6 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 25.9 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.197 | | 0.0820 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-12-7.5 — Lab Sample ID: 570-62332-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 145 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.533 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.4 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 19.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 25.3 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 15.9 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 39.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 47.8 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-12-10 — Lab Sample ID: 570-62332-11

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 4.0 | | 0.78 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 166 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.538 | | 0.263 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.2 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.8 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 25.4 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 16.0 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 38.7 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 50.1 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0934 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-15-1 — Lab Sample ID: 570-62332-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 23 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 120 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1254 | 340 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1260 | 110 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 135 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-15-1 (Continued)
## Lab Sample ID: 570-62332-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Beryllium | 0.384 | | 0.259 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.08 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.63 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 78.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 54.6 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 15.7 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 12.2 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Antimony | 13.6 | | 3.11 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 21.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 86.7 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 1640 | | 5.18 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.400 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-15-2.5
## Lab Sample ID: 570-62332-13

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 29 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 57.1 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.265 | | 0.256 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.42 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 6.64 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.7 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 51.7 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.92 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 17.2 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 56.2 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 9.88 | | 5.13 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-15-5
## Lab Sample ID: 570-62332-14

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 24 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Arsenic | 13.5 | | 2.51 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 97.6 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.426 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 10.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 16.0 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 24.5 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 16.4 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 34.1 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 43.7 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-15-7.5
## Lab Sample ID: 570-62332-15

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 20.5 | | 2.51 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 203 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.543 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 12.0 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 19.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 27.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 17.1 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-15-7.5 (Continued) — Lab Sample ID: 570-62332-15

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Vanadium | 42.9 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 51.0 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-15-10 — Lab Sample ID: 570-62332-16

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 25 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 116 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.386 | | 0.248 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.93 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.8 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 20.6 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 12.3 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 29.4 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 37.7 | | 9.90 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-1 — Lab Sample ID: 570-62332-17

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 37 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.4 | | 0.76 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 0.93 | | 0.76 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 8.4 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 5.3 | | 4.8 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 67.2 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 10.9 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.27 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 11.3 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 4.26 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 11.5 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 19.6 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-2.5 — Lab Sample ID: 570-62332-18

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 83 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 7.67 | | 2.43 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 136 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.515 | | 0.243 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.94 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 17.6 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 27.7 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 13.4 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 30.6 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 41.2 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-5 — Lab Sample ID: 570-62332-19

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.5 | | 0.38 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.6 | | 0.38 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 6.2 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 7.5 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-16-5 (Continued)

## Lab Sample ID: 570-62332-19

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6.92 | | 2.44 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 141 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.389 | | 0.244 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.75 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 14.1 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 18.6 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 11.4 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 24.9 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 31.8 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-7.5

## Lab Sample ID: 570-62332-20

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 55.8 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.55 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 7.38 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.23 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.07 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 15.5 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 20.3 | | 9.62 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-16-10

## Lab Sample ID: 570-62332-21

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 97.2 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.345 | | 0.243 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.57 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 15.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.1 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 25.5 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 31.2 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-17-1

## Lab Sample ID: 570-62332-22

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 21 | | 21 | | ug/Kg | 1 | | 8260B | Total/NA |
| Ethanol | 320 | | 260 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 20 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 120 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 80.2 | F1 | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.274 | | 0.255 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.49 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.5 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 12.7 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 0.543 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.95 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 18.2 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 28.4 | F1 | 10.2 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 10.8 | F1 | 5.10 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-17-2.5
## Lab Sample ID: 570-62332-23

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 - DL | 2400 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| C23-C40 - DL | 7300 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| Aroclor-1262 | 580 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1268 | 260 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 83.2 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.337 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.578 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 6.71 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.3 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 19.8 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.62 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 22.7 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 49.8 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 9.70 | | 4.93 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-17-5
## Lab Sample ID: 570-62332-24

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 6900 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 2700 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| Ethylbenzene | 100 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| m,p-Xylene | 480 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| n-Butylbenzene | 1000 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| N-Propylbenzene | 390 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| o-Xylene | 130 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| p-Isopropyltoluene | 780 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| sec-Butylbenzene | 410 | | 42 | | ug/Kg | 50 | | 8260B | Total/NA |
| Xylenes, Total | 610 | | 83 | | ug/Kg | 50 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 270 | | 8.3 | | mg/Kg | 100 | | 8015B | Total/NA |
| C13-C22 - DL | 800 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| C23-C40 - DL | 2900 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| Barium | 83.1 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.379 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.23 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 15.2 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.4 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 23.7 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 30.9 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-17-7.5
## Lab Sample ID: 570-62332-25

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 14 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 63 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 84.4 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.55 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 8.40 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 10.9 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.28 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 16.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 23.2 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-17-10 — Lab Sample ID: 570-62332-26

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 11 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 95.8 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.503 | | 0.244 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 10.7 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 17.8 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 23.8 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 15.1 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 33.9 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 42.4 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-19-1 — Lab Sample ID: 570-62332-27

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | 26 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 190 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.8 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.7 | | 1.0 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 11 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 84 | | 4.7 | | mg/Kg | 1 | | 8015B | Total/NA |
| Aroclor-1254 | 110 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1260 | 100 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 99.6 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.36 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.17 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 23.0 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 27.6 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 1.50 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 8.61 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Antimony | 2.98 | | 2.91 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 13.2 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 133 | | 9.71 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 631 | | 4.85 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-19-2.5 — Lab Sample ID: 570-62332-28

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 8.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 63 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 5.08 | | 2.44 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 113 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.359 | | 0.244 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.27 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.0 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 25.1 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.4 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 24.3 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 59.2 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 41.7 | | 4.88 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-19-5 — Lab Sample ID: 570-62332-29

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.5 | | 0.82 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.1 | | 0.82 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 9.3 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 121 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.380 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.39 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.8 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 16.5 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.7 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 22.5 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 34.5 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-19-7.5 — Lab Sample ID: 570-62332-30

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 5.4 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 8.6 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 92.1 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.281 | | 0.240 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.89 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.4 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 12.4 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 8.22 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 21.0 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 27.6 | | 9.62 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-19-10 — Lab Sample ID: 570-62332-31

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 29 | | 20 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 7.8 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 16 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 196 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.796 | | 0.260 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.950 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 12.1 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 67.6 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 83.1 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 20.6 | | 0.521 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 75.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 72.9 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0941 | | 0.0794 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-20-0.5 — Lab Sample ID: 570-62332-32

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 71.6 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.566 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.33 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 22.2 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 24.9 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 2.15 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-20-0.5 (Continued)

## Lab Sample ID: 570-62332-32

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Nickel | 8.49 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 10.6 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 153 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 125 | | 5.26 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-1

## Lab Sample ID: 570-62332-33

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 62 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.4 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 9.7 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 120 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 112 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.417 | | 0.259 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 0.961 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.98 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.5 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 28.3 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.4 | | 0.518 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 27.4 | | 1.04 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 135 | | 10.4 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 226 | | 5.18 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-2.5

## Lab Sample ID: 570-62332-34

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 46 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 35.4 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.74 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.06 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.88 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 4.20 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.09 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 17.4 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-5

## Lab Sample ID: 570-62332-35

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 33 | | 19 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 5.2 | | 0.93 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 2.5 | | 0.93 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.9 | | 0.93 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 161 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.494 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 9.00 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.0 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 22.9 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.0 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 27.9 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 46.5 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-18-7.5 — Lab Sample ID: 570-62332-36

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 6.9 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 8.0 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 156 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.584 | | 0.263 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 12.3 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 21.6 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 26.7 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 17.5 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 42.3 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 56.5 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-10 — Lab Sample ID: 570-62332-37

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 22 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 7.1 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 9.8 | | 5.2 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 123 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.660 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 22.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 37.7 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 17.1 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 41.9 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 50.8 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-18-10-DUP — Lab Sample ID: 570-62332-38

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 15 | | 13 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.1 | | 0.64 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.99 | | 0.64 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.7 | | 0.64 | | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: LV-10-1 — Lab Sample ID: 570-62332-39

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 530 | | 9.6 | | mg/Kg | 2 | | 8015B | Total/NA |
| C23-C40 | 760 | | 9.6 | | mg/Kg | 2 | | 8015B | Total/NA |
| Aroclor-1260 | 370 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1254 - DL | 1400 | | 1000 | | ug/Kg | 20 | | 8082 | Total/NA |
| Silver | 1.74 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Arsenic | 3.36 | | 2.58 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 434 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 3.22 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.2 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 207 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 73.2 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Molybdenum | 22.7 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.3 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Antimony | 12.5 | | 3.09 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 16.0 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-10-1 (Continued)
## Lab Sample ID: 570-62332-39

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Zinc | 293 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 2680 | | 5.15 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 1.22 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-10-5
## Lab Sample ID: 570-62332-40

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 22 | | 19 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.3 | | 0.96 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 10 | | 5.1 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 104 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.415 | | 0.256 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.04 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 14.4 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 18.0 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 11.6 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 25.8 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 36.0 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-10-10
## Lab Sample ID: 570-62332-41

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 140 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.7 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 7.7 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.4 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Barium | 152 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.616 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.23 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 12.0 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 21.3 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 28.5 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 20.1 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 38.7 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 82.6 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.105 | | 0.0877 | | mg/Kg | 1 | | 7471A | Total/NA |

This Detection Summary does not include radiochemical test results.

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-11-1**
**Lab Sample ID: 570-62332-1**
**Date Collected: 06/21/21 07:39**
**Matrix: Solid**
**Date Received: 06/21/21 17:10**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1-Dichloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1-Dichloroethene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dibromoethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dichloroethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,2-Dichloropropane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,3-Dichloropropane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 2,2-Dichloropropane | ND | | 3.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 2-Chlorotoluene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 4-Chlorotoluene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| **Acetone** | **54** | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| **Benzene** | **2.9** | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromodichloromethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromoform | ND | | 3.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Carbon disulfide | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Carbon tetrachloride | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Chlorobenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Chloroform | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Dibromomethane | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Ethanol | ND | | 180 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Ethylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Methylene Chloride | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Naphthalene | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| n-Butylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| o-Xylene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| p-Isopropyltoluene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| sec-Butylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Styrene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| tert-Butylbenzene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Tetrachloroethene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| **Toluene** | **2.6** | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Trichlorofluoromethane | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Vinyl acetate | ND | | 7.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Vinyl chloride | ND | | 0.73 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 12:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *122* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 12:41* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 12:41* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 12:41* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 12:41* | *1* |

**Client Sample ID: LV-11-1-DUP**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2-Dibromoethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,2-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-1-DUP**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,3-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 2-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 4-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| **Acetone** | **100** | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| **Benzene** | **3.5** | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromodichloromethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Carbon disulfide | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Carbon tetrachloride | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Chlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Chloroform | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Dibromomethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Ethylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Isopropylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Methylene Chloride | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Naphthalene | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| n-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| o-Xylene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| p-Isopropyltoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| sec-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Styrene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| tert-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Tetrachloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| **Toluene** | **3.3** | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-1-DUP**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Trichlorofluoromethane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Vinyl acetate | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Vinyl chloride | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *122* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 13:07* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:07* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 13:07* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:07* | *1* |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dibromoethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,2-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,3-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 2-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 4-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Acetone** | **18** | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Benzene** | **7.3** | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Bromobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Bromodichloromethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Carbon disulfide | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Carbon tetrachloride | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Chlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Chloroform | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Dibromomethane | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Ethylbenzene** | **1.4** | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Isopropylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **m,p-Xylene** | **1.9** | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Methylene Chloride | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Naphthalene | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| n-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **o-Xylene** | **0.86** | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| p-Isopropyltoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| sec-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Styrene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| tert-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Tetrachloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Toluene** | **7.2** | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Trichlorofluoromethane | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Vinyl acetate | ND | | 7.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| Vinyl chloride | ND | | 0.79 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |
| **Xylenes, Total** | **2.8** | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 13:34* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:34* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 13:34* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:34* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 2,2-Dichloropropane | ND | | 5.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Acetone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromoform | ND | | 5.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Ethanol | ND | | 270 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *120* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 13:59* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:59* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 13:59* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:59* | *1* |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1-Dichloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1-Dichloroethene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,1-Dichloropropene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2-Dibromoethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,2-Dichloroethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,3-Dichloropropane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 2,2-Dichloropropane | ND | | 3.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 2-Butanone | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 2-Chlorotoluene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 2-Hexanone | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 4-Chlorotoluene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| 4-Methyl-2-pentanone | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| **Acetone** | **34** | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| **Benzene** | **1.5** | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromochloromethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromodichloromethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromoform | ND | | 3.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Bromomethane | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Carbon disulfide | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Carbon tetrachloride | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Chlorobenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Chloroethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Chloroform | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Chloromethane | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Dibromochloromethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Dibromomethane | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Dichlorodifluoromethane | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Ethanol | ND | | 160 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Ethylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Isopropylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| m,p-Xylene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Methylene Chloride | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Naphthalene | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| n-Butylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| N-Propylbenzene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| o-Xylene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| p-Isopropyltoluene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| sec-Butylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Styrene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 12 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| tert-Butylbenzene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| **Tetrachloroethene** | **2.3** | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| **Toluene** | **1.1** | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Trichloroethene | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Trichlorofluoromethane | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Vinyl acetate | ND | | 6.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Vinyl chloride | ND | | 0.62 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |
| Xylenes, Total | ND | | 1.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *127* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 14:25* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 14:25* | *1* |
| *Dibromofluoromethane (Surr)* | *110* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 14:25* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 14:25* | *1* |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1-Dichloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1-Dichloroethene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dibromoethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dichloroethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,2-Dichloropropane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,3-Dichloropropane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 2,2-Dichloropropane | ND | | 3.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 2-Chlorotoluene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 4-Chlorotoluene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| **Acetone** | **18** | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| **Benzene** | **4.3** | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Bromobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Bromodichloromethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 3.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Carbon disulfide | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Carbon tetrachloride | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Chlorobenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Chloroform | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Dibromomethane | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| **Ethylbenzene** | **0.91** | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Isopropylbenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Methylene Chloride | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Naphthalene | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| n-Butylbenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| o-Xylene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| p-Isopropyltoluene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| sec-Butylbenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Styrene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| tert-Butylbenzene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Tetrachloroethene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| **Toluene** | **4.4** | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Trichlorofluoromethane | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Vinyl acetate | ND | | 7.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Vinyl chloride | ND | | 0.77 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 04:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 04:57* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 04:57* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 04:57* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 04:57* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1-Dichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dibromoethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,2-Dichloropropane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,3-Dichloropropane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 2,2-Dichloropropane | ND | | 3.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 2-Chlorotoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 4-Chlorotoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Benzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromodichloromethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromoform | ND | | 3.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Carbon disulfide | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Carbon tetrachloride | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Chlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Chloroform | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Dibromomethane | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Ethylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Methylene Chloride | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Naphthalene | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| n-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| o-Xylene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| p-Isopropyltoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| sec-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Styrene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| tert-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| **Tetrachloroethene** | **4.0** | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Toluene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Trichlorofluoromethane | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Vinyl acetate | ND | | 7.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Vinyl chloride | ND | | 0.78 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 05:25* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 05:25* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 05:25* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 05:25* | *1* |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2-Dibromoethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,2-Dichloroethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,3-Dichloropropane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 2-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 4-Chlorotoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Benzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromodichloromethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Carbon disulfide | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Carbon tetrachloride | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Chlorobenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Chloroform | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Dibromomethane | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Ethylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Isopropylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Methylene Chloride | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Naphthalene | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| n-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| o-Xylene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| p-Isopropyltoluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| sec-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Styrene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| tert-Butylbenzene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Tetrachloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Toluene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Trichlorofluoromethane | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Vinyl acetate | ND | | 8.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Vinyl chloride | ND | | 0.81 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 05:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 05:53* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 05:53* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 05:53* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 05:53* | *1* |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| **Acetone** | **24** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Benzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Tetrachloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Toluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 06:20* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 06:20* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 06:20* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 06:20* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| **Acetone** | **25** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Benzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Tetrachloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Toluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 06:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 06:48* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 06:48* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 06:48* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 06:48* | *1* |

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1-Dichloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1-Dichloroethene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2-Dibromoethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,2-Dichloroethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,3-Dichloropropane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 2,2-Dichloropropane | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 2-Chlorotoluene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 4-Chlorotoluene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| **Acetone** | **37** | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| **Benzene** | **1.4** | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromodichloromethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromoform | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Carbon disulfide | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Carbon tetrachloride | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Chlorobenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Chloroform | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Dibromomethane | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Ethylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Isopropylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Methylene Chloride | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Naphthalene | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| n-Butylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| o-Xylene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| p-Isopropyltoluene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| sec-Butylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Styrene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| tert-Butylbenzene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Tetrachloroethene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| **Toluene** | **0.93** | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Trichlorofluoromethane | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Vinyl acetate | ND | | 7.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Vinyl chloride | ND | | 0.76 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 07:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *118* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 07:15* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 07:15* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 07:15* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 07:15* | *1* |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1-Dichloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1-Dichloroethene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,1-Dichloropropene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2,3-Trichloropropane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dibromoethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dichloroethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,2-Dichloropropane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,3-Dichloropropane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 2,2-Dichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 2-Butanone | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 2-Chlorotoluene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 2-Hexanone | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 4-Chlorotoluene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| 4-Methyl-2-pentanone | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Acetone | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| **Benzene** | **1.5** | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Bromobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Bromochloromethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Bromodichloromethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Bromomethane | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Carbon disulfide | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Carbon tetrachloride | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Chlorobenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Chloroethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Chloroform | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Chloromethane | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Dibromochloromethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Dibromomethane | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Dichlorodifluoromethane | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Ethanol | ND | | 94 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Ethylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Isopropylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| m,p-Xylene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Methylene Chloride | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Naphthalene | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| n-Butylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| N-Propylbenzene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| o-Xylene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| p-Isopropyltoluene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| sec-Butylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Styrene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 7.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| tert-Butylbenzene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Tetrachloroethene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| **Toluene** | **1.6** | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| trans-1,3-Dichloropropene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Trichloroethene | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Trichlorofluoromethane | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Vinyl acetate | ND | | 3.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Vinyl chloride | ND | | 0.38 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |
| Xylenes, Total | ND | | 0.75 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 14:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *125* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 14:51* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 14:51* | *1* |
| *Dibromofluoromethane (Surr)* | *110* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 14:51* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 14:51* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1-Dichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dibromoethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,2-Dichloropropane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,3-Dichloropropane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 2,2-Dichloropropane | ND | | 4.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 2-Chlorotoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 4-Chlorotoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Acetone | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Benzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromodichloromethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromoform | ND | | 4.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Carbon disulfide | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Carbon tetrachloride | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Chlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Chloroform | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Dibromomethane | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Ethylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Methylene Chloride | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Naphthalene | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| n-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| o-Xylene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| p-Isopropyltoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| sec-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Styrene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| tert-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Tetrachloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Toluene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Trichlorofluoromethane | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Vinyl acetate | ND | | 8.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Vinyl chloride | ND | | 0.86 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *125* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 15:18* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 15:18* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 15:18* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 15:18* | *1* |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 2,2-Dichloropropane | ND | | 5.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| **Acetone** | **21** | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromoform | ND | | 5.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| **Ethanol** | **320** | | 260 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 15:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *122* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 15:44* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 15:44* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 15:44* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 15:44* | *1* |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1,1-Trichloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1,2-Trichloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1-Dichloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1-Dichloroethene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,1-Dichloropropene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2,3-Trichlorobenzene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2,3-Trichloropropane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **1,2,4-Trimethylbenzene** | **6900** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dibromoethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dichlorobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dichloroethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,2-Dichloropropane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **1,3,5-Trimethylbenzene** | **2700** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,3-Dichlorobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,3-Dichloropropane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 1,4-Dichlorobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 2,2-Dichloropropane | ND | | 210 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 2-Butanone | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 2-Chlorotoluene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 2-Hexanone | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 4-Chlorotoluene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| 4-Methyl-2-pentanone | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Acetone | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Benzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Bromobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Bromochloromethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Bromodichloromethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 210 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Bromomethane | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Carbon disulfide | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Carbon tetrachloride | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Chlorobenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Chloroethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Chloroform | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Chloromethane | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| cis-1,2-Dichloroethene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| cis-1,3-Dichloropropene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Dibromochloromethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Dibromomethane | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Dichlorodifluoromethane | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Di-isopropyl ether (DIPE) | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Ethanol | ND | | 10000 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **Ethylbenzene** | **100** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Ethyl-t-butyl ether (ETBE) | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Isopropylbenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **m,p-Xylene** | **480** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Methylene Chloride | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Naphthalene | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **n-Butylbenzene** | **1000** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **N-Propylbenzene** | **390** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **o-Xylene** | **130** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **p-Isopropyltoluene** | **780** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **sec-Butylbenzene** | **410** | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Styrene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Tert-amyl-methyl ether (TAME) | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| tert-Butyl alcohol (TBA) | ND | | 830 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| tert-Butylbenzene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Tetrachloroethene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Toluene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| trans-1,2-Dichloroethene | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| trans-1,3-Dichloropropene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Trichloroethene | ND | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Trichlorofluoromethane | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Vinyl acetate | ND | | 420 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| Vinyl chloride | ND | | 42 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |
| **Xylenes, Total** | **610** | | 83 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 20:05 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 20:05* | *50* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 20:05* | *50* |
| *Dibromofluoromethane (Surr)* | *98* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 20:05* | *50* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 20:05* | *50* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1-Dichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dibromoethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,2-Dichloropropane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,3-Dichloropropane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 2-Chlorotoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 4-Chlorotoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| **Acetone** | **18** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Benzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromodichloromethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Carbon disulfide | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Carbon tetrachloride | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Chlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Chloroform | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Dibromomethane | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Ethylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Methylene Chloride | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Naphthalene | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| n-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| o-Xylene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| p-Isopropyltoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| sec-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Styrene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| tert-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Tetrachloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Toluene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Trichlorofluoromethane | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Vinyl acetate | ND | | 8.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Vinyl chloride | ND | | 0.89 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 16:11* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 16:11* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 16:11* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 16:11* | *1* |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 2,2-Dichloropropane | ND | | 5.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| **2-Butanone** | **26** | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| **Acetone** | **190** | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| **Benzene** | **1.8** | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromoform | ND | | 5.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| **Toluene** | **1.7** | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 16:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *124* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 16:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 16:37* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 16:37* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 16:37* | *1* |

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1-Dichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dibromoethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,2-Dichloropropane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,3-Dichloropropane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 2-Chlorotoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 4-Chlorotoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| **Benzene** | **1.5** | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Bromobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Bromodichloromethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Carbon disulfide | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Carbon tetrachloride | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Chlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Chloroform | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Dibromomethane | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Ethylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Isopropylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Methylene Chloride | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Naphthalene | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| n-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| o-Xylene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| p-Isopropyltoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| sec-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Styrene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| tert-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Tetrachloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| **Toluene** | **1.1** | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Trichlorofluoromethane | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Vinyl acetate | ND | | 8.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Vinyl chloride | ND | | 0.82 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *122* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 17:03* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:03* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 17:03* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:03* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dibromoethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,2-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,3-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 2-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 4-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| **Acetone** | **29** | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Benzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromodichloromethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Carbon disulfide | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Carbon tetrachloride | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Chlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Chloroform | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Dibromomethane | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Ethylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Methylene Chloride | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Naphthalene | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| n-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| o-Xylene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| p-Isopropyltoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| sec-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Styrene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| tert-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Tetrachloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Toluene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Trichlorofluoromethane | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Vinyl acetate | ND | | 9.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Vinyl chloride | ND | | 0.99 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 17:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:29* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 17:29* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:29* | *1* |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| **Acetone** | **62** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| **Benzene** | **1.4** | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Tetrachloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Toluene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 17:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 17:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:54* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 17:54* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 17:54* | *1* |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1-Dichloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dibromoethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dichloroethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,2-Dichloropropane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,3-Dichloropropane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 2-Chlorotoluene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 4-Chlorotoluene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| **Acetone** | **33** | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| **Benzene** | **5.2** | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Bromobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Bromodichloromethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Carbon disulfide | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Carbon tetrachloride | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Chlorobenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Chloroform | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Dibromomethane | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Ethylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Isopropylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Methylene Chloride | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Naphthalene | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| n-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| o-Xylene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| p-Isopropyltoluene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| sec-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Styrene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| tert-Butylbenzene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| **Tetrachloroethene** | **2.5** | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| **Toluene** | **2.9** | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Trichlorofluoromethane | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Vinyl acetate | ND | | 9.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Vinyl chloride | ND | | 0.93 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *121* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 18:21* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 18:21* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 18:21* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 18:21* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dibromoethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,2-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,3-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 2,2-Dichloropropane | ND | | 4.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 2-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 4-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| **Acetone** | **22** | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Benzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromodichloromethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromoform | ND | | 4.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Carbon disulfide | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Carbon tetrachloride | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Chlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Chloroform | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Dibromomethane | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Ethylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Methylene Chloride | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Naphthalene | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| n-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| o-Xylene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| p-Isopropyltoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| sec-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Styrene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| tert-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Tetrachloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Toluene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Trichlorofluoromethane | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Vinyl acetate | ND | | 9.1 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Vinyl chloride | ND | | 0.91 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 18:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *120* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 18:47* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 18:47* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 18:47* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 18:47* | *1* |

**Client Sample ID: LV-18-10-DUP**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1-Dichloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1-Dichloroethene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,1-Dichloropropene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2-Dibromoethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,2-Dichloroethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-10-DUP**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,3-Dichloropropane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 2,2-Dichloropropane | ND | | 3.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 2-Butanone | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 2-Chlorotoluene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 2-Hexanone | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 4-Chlorotoluene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| 4-Methyl-2-pentanone | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| **Acetone** | **15** | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| **Benzene** | **2.1** | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromochloromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromodichloromethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromoform | ND | | 3.2 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Bromomethane | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Carbon disulfide | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Carbon tetrachloride | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Chlorobenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Chloroethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Chloroform | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Chloromethane | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Dibromochloromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Dibromomethane | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Dichlorodifluoromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Ethanol | ND | | 160 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Ethylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Isopropylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| m,p-Xylene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Methylene Chloride | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Naphthalene | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| n-Butylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| N-Propylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| o-Xylene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| p-Isopropyltoluene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| sec-Butylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Styrene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 13 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| tert-Butylbenzene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| **Tetrachloroethene** | **0.99** | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| **Toluene** | **1.7** | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-18-10-DUP**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Trichloroethene | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Trichlorofluoromethane | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Vinyl acetate | ND | | 6.4 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Vinyl chloride | ND | | 0.64 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |
| Xylenes, Total | ND | | 1.3 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *120* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 19:14* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 19:14* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 19:14* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 19:14* | *1* |

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 5.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1-Dichloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1-Dichloroethene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dibromoethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dichloroethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,2-Dichloropropane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,3-Dichloropropane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 2,2-Dichloropropane | ND | | 4.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 2-Chlorotoluene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 4-Chlorotoluene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| **Acetone** | **22** | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Benzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromodichloromethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromoform | ND | | 4.8 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Carbon disulfide | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Carbon tetrachloride | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Chlorobenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Chloroform | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Dibromomethane | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Ethanol | ND | | 240 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Ethylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Methylene Chloride | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Naphthalene | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| n-Butylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| o-Xylene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| p-Isopropyltoluene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| sec-Butylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Styrene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| tert-Butylbenzene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| **Tetrachloroethene** | **1.3** | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Toluene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Trichlorofluoromethane | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Vinyl acetate | ND | | 9.6 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Vinyl chloride | ND | | 0.96 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 11:19 | 06/24/21 13:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *110* | | *80 - 142* | *06/23/21 11:19* | *06/24/21 13:26* | *1* |
| *4-Bromofluorobenzene (Surr)* | *95* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:26* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | *06/23/21 11:19* | *06/24/21 13:26* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | *06/23/21 11:19* | *06/24/21 13:26* | *1* |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2-Dibromoethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,2-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,3-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 2,2-Dichloropropane | ND | | 3.7 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 2-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 4-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| **Acetone** | **140** | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| **Benzene** | **2.7** | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromodichloromethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromoform | ND | | 3.7 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Carbon disulfide | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Carbon tetrachloride | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Chlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Chloroform | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Dibromomethane | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Ethylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Isopropylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Methylene Chloride | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Naphthalene | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| n-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| o-Xylene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| p-Isopropyltoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| sec-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Styrene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| tert-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| **Tetrachloroethene** | **7.7** | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| **Toluene** | **2.4** | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Trichlorofluoromethane | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Vinyl acetate | ND | | 7.4 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Vinyl chloride | ND | | 0.74 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 11:22 | 06/24/21 13:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *110* | | *80 - 142* | *06/23/21 11:22* | *06/24/21 13:51* | *1* |
| *4-Bromofluorobenzene (Surr)* | *94* | | *80 - 120* | *06/23/21 11:22* | *06/24/21 13:51* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | *06/23/21 11:22* | *06/24/21 13:51* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 11:22* | *06/24/21 13:51* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.074 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 16:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 16:33* | *1* |

**Client Sample ID: LV-11-1-DUP**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.074 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 16:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 16:56* | *1* |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Gasoline Range Organics (C4-C12)** | **0.19** | | 0.079 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 17:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 17:19* | *1* |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.090 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *89* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 17:43* | *1* |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.067 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 18:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 18:06* | *1* |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.081 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 18:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 18:29* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.077 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 18:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 18:53* | *1* |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.071 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 19:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 19:16* | *1* |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.089 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 19:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 19:40* | *1* |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.096 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 20:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 20:03* | *1* |

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.070 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 18:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 18:07* | *1* |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.086 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 22:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 22:36* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.097 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 22:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 22:59* | *1* |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.11 | | mg/Kg | | 06/23/21 11:19 | 06/24/21 23:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *42 - 126* | *06/23/21 11:19* | *06/24/21 23:23* | *1* |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Gasoline Range Organics (C4-C12)** | **270** | | 8.3 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 18:55 | 100 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 18:55* | *100* |

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 18:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 18:31* | *1* |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.085 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 00:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 00:33* | *1* |

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.078 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 00:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *97* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 00:56* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 01:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 01:20* | *1* |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.091 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 01:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 01:43* | *1* |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.089 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 14:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *69* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 14:34* | *1* |

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 14:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 14:58* | *1* |

**Client Sample ID: LV-18-10-DUP**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.083 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 15:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 15:28* | *1* |

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.096 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 16:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 16:48* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.087 | | mg/Kg | | 06/23/21 11:19 | 06/25/21 17:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 11:19* | *06/25/21 17:19* | *1* |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.076 | | mg/Kg | | 06/23/21 11:22 | 06/25/21 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *42 - 126* | *06/23/21 11:22* | *06/25/21 17:43* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 06:20 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 06:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 06:20* | *1* |

**Client Sample ID: LV-11-2.5**
**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **7.5** | | 5.1 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 06:42 | 1 |
| C23-C40 | ND | | 5.1 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 06:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 06:42* | *1* |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:04 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 07:04* | *1* |

**Client Sample ID: LV-11-7.5**
**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:25 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 07:25* | *1* |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:48 | 1 |
| C23-C40 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 07:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *102* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 07:48* | *1* |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **5.1** | | 4.7 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 08:32 | 1 |
| C23-C40 | ND | | 4.7 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 08:32 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *98* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 08:32* | *1* |

**Client Sample ID: LV-12-2.5**
**Date Collected: 06/21/21 08:24**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 08:54 | 1 |
| C23-C40 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 08:54 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 08:54* | *1* |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 09:16 | 1 |
| C23-C40 | ND | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 09:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *99* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 09:16* | *1* |

**Client Sample ID: LV-12-7.5**
**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 09:38 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 09:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 09:38* | *1* |

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:00 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:00 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *96* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 10:00* | *1* |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **23** | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:22 | 1 |
| **C23-C40** | **120** | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:22 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *86* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 10:22* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-15-2.5**
**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:44 | 1 |
| **C23-C40** | **29** | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 10:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *103* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 10:44* | *1* |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:06 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *105* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 11:06* | *1* |

**Client Sample ID: LV-15-7.5**
**Date Collected: 06/21/21 09:18**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:27 | 1 |
| C23-C40 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *103* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 11:27* | *1* |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:50 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 11:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 11:50* | *1* |

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **8.4** | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 12:12 | 1 |
| **C23-C40** | **5.3** | | 4.8 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 12:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *101* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 12:12* | *1* |

**Client Sample ID: LV-16-2.5**
**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:12 | 1 |
| **C23-C40** | **83** | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:12 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *98* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 14:12* | *1* |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **6.2** | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:34 | 1 |
| **C23-C40** | **7.5** | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *97* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 14:34* | *1* |

**Client Sample ID: LV-16-7.5**
**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:55 | 1 |
| C23-C40 | ND | | 5.2 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 14:55 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *102* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 14:55* | *1* |

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 15:17 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 15:17 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 15:17* | *1* |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **20** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 04:09 | 1 |
| **C23-C40** | **120** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 04:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 04:09* | *1* |

**Client Sample ID: LV-17-7.5**
**Date Collected: 06/21/21 10:38**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **14** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 05:13 | 1 |
| **C23-C40** | **63** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 05:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *97* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 05:13* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.7 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 05:35 | 1 |
| **C23-C40** | **11** | | 4.7 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 05:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *96* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 05:35* | *1* |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **11** | | 4.7 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 03:34 | 1 |
| **C23-C40** | **84** | | 4.7 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 03:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *68* | | *60 - 138* | *06/25/21 15:39* | *06/27/21 03:34* | *1* |

**Client Sample ID: LV-19-2.5**
**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-28**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **8.0** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 06:21 | 1 |
| **C23-C40** | **63** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 06:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 06:21* | *1* |

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 06:42 | 1 |
| **C23-C40** | **9.3** | | 4.9 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 06:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *96* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 06:42* | *1* |

**Client Sample ID: LV-19-7.5**
**Date Collected: 06/21/21 11:25**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **5.4** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 07:03 | 1 |
| **C23-C40** | **8.6** | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 07:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *95* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 07:03* | *1* |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **7.8** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 07:24 | 1 |
| **C23-C40** | **16** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 07:24 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 07:24* | *1* |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **9.7** | | 5.1 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:08 | 1 |
| **C23-C40** | **120** | | 5.1 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:08 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *71* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 08:08* | *1* |

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:30 | 1 |
| **C23-C40** | **46** | | 4.9 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:30 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *99* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 08:30* | *1* |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:51 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 08:51 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *93* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 08:51* | *1* |

**Client Sample ID: LV-18-7.5**
**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **6.9** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:13 | 1 |
| **C23-C40** | **8.0** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:13 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 09:13* | *1* |

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **7.1** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:34 | 1 |
| **C23-C40** | **9.8** | | 5.2 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *98* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 09:34* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **530** | | 9.6 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:55 | 2 |
| **C23-C40** | **760** | | 9.6 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 09:55 | 2 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *99* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 09:55* | *2* |

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.1 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 10:17 | 1 |
| **C23-C40** | **10** | | 5.1 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 10:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 10:17* | *1* |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.8 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 10:38 | 1 |
| C23-C40 | ND | | 4.8 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 10:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *93* | | *60 - 138* | *06/25/21 15:39* | *06/26/21 10:38* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC) - DL

**Client Sample ID: LV-17-2.5**
**Date Collected: 06/21/21 10:34**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 2400 | | 50 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 02:50 | 10 |
| C23-C40 | 7300 | | 50 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 02:50 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *97* | | *60 - 138* | *06/25/21 15:39* | *06/27/21 02:50* | *10* |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 800 | | 50 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 03:12 | 10 |
| C23-C40 | 2900 | | 50 | | mg/Kg | | 06/25/21 15:39 | 06/27/21 03:12 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *90* | | *60 - 138* | *06/25/21 15:39* | *06/27/21 03:12* | *10* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 20:16* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *81* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 20:16* | *1* |

**Client Sample ID: LV-11-2.5**
**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *80* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 20:34* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *74* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 20:34* | *1* |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 20:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *88* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 20:53* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *78* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 20:53* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-11-7.5**
**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *77* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 21:11* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *71* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 21:11* | *1* |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *77* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 21:29* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *73* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 21:29* | *1* |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 21:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 21:47* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *69* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 21:47* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-12-2.5**
**Date Collected: 06/21/21 08:24**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *76* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 22:06* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *74* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 22:06* | *1* |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *65* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 22:24* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *63* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 22:24* | *1* |

**Client Sample ID: LV-12-7.5**
**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 22:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *52* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 22:42* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *49* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 22:42* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *68* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 23:01* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *66* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 23:01* | *1* |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| **Aroclor-1254** | **340** | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| **Aroclor-1260** | **110** | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 23:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *74* | | *25 - 126* | *06/22/21 09:56* | *06/24/21 23:19* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *75* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 23:19* | *1* |

**Client Sample ID: LV-15-2.5**
**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 09:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *74* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 09:45* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *66* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 09:45* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *70* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 10:04* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *65* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 10:04* | *1* |

**Client Sample ID: LV-15-7.5**
**Date Collected: 06/21/21 09:18**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *76* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 10:22* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *64* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 10:22* | *1* |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *74* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 10:40* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *65* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 10:40* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 10:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *75* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 10:59* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *72* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 10:59* | *1* |

**Client Sample ID: LV-16-2.5**
**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *73* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 11:17* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *61* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 11:17* | *1* |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 11:35* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *74* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 11:35* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-16-7.5**
**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 11:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *78* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 11:54* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *71* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 11:54* | *1* |

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/25/21 13:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *40* | | *25 - 126* | *06/22/21 09:56* | *06/25/21 13:44* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *29* | | *20 - 155* | *06/22/21 09:56* | *06/25/21 13:44* | *1* |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 21:05* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 21:05* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-17-2.5**
**Date Collected: 06/21/21 10:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| **Aroclor-1262** | **580** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |
| **Aroclor-1268** | **260** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *73* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 21:23* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *86* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 21:23* | *1* |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 21:41* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *92* | *p* | *20 - 155* | *06/22/21 09:59* | *06/23/21 21:41* | *1* |

**Client Sample ID: LV-17-7.5**
**Date Collected: 06/21/21 10:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 21:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *103* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 21:59* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *81* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 21:59* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *75* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 22:17* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *78* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 22:17* | *1* |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| **Aroclor-1254** | **110** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| **Aroclor-1260** | **100** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 22:35* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 22:35* | *1* |

**Client Sample ID: LV-19-2.5**
**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-28**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 22:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *78* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 22:53* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *74* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 22:53* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *65* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 23:11* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *65* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 23:11* | *1* |

**Client Sample ID: LV-19-7.5**
**Date Collected: 06/21/21 11:25**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *59* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 23:29* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *60* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 23:29* | *1* |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 23:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *53* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 23:46* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *54* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 23:46* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 10:00 | 06/24/21 00:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/22/21 10:00* | *06/24/21 00:22* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/22/21 10:00* | *06/24/21 00:22* | *1* |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 00:40* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *70* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 00:40* | *1* |

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 00:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *67* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 00:58* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *65* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 00:58* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *55* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 01:16* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *59* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 01:16* | *1* |

**Client Sample ID: LV-18-7.5**
**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *52* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 01:34* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *59* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 01:34* | *1* |

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 01:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *59* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 01:52* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *70* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 01:52* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| **Aroclor-1260** | **370** | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *77* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 02:10* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *84* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 02:10* | *1* |

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *77* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 02:28* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 02:28* | *1* |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/24/21 02:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *42* | | *25 - 126* | *06/22/21 09:59* | *06/24/21 02:46* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *43* | | *20 - 155* | *06/22/21 09:59* | *06/24/21 02:46* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1400 | | 1000 | | ug/Kg | | 06/22/21 09:59 | 06/25/21 06:04 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* | *06/22/21 09:59* | *06/25/21 06:04* | *20* |
| *DCB Decachlorobiphenyl (Surr)* | *119* | | *20 - 155* | *06/22/21 09:59* | *06/25/21 06:04* | *20* |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Arsenic | ND | | 2.56 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Barium** | **46.8** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Beryllium | ND | | 0.256 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Cadmium | ND | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Cobalt** | **3.79** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Chromium** | **5.73** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Copper** | **9.86** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Molybdenum** | **1.04** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Nickel** | **3.70** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Antimony | ND | F1 | 3.08 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Selenium | ND | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| Thallium | ND | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Vanadium** | **9.62** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Zinc** | **33.0** | | 10.3 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |
| **Lead** | **11.9** | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:41 | 1 |

**Client Sample ID: LV-11-2.5**
**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Barium** | **131** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Beryllium** | **0.565** | | 0.243 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Cobalt** | **9.52** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Chromium** | **19.1** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Copper** | **33.9** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Nickel** | **14.5** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Antimony | ND | L | 2.91 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Selenium | ND | L | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Vanadium** | **32.6** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| **Zinc** | **46.4** | | 9.71 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:47 | 1 |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Arsenic | ND | | 2.39 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Barium** | **128** | | 0.478 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Beryllium** | **0.358** | | 0.239 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Cadmium | ND | | 0.478 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Cobalt** | **7.22** | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Chromium** | **14.8** | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Copper** | **18.7** | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.478 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Nickel** | **10.7** | | 0.478 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Antimony | ND | L | 2.87 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Selenium | ND | L | 4.78 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Thallium | ND | | 4.78 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Vanadium** | **26.2** | | 0.957 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| **Zinc** | **33.3** | | 9.57 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |
| Lead | ND | | 4.78 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:49 | 1 |

**Client Sample ID: LV-11-7.5**
**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Arsenic | ND | | 2.38 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Barium** | **141** | | 0.476 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Beryllium** | **0.641** | | 0.238 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Cadmium** | **0.479** | | 0.476 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Cobalt** | **11.7** | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Chromium** | **20.9** | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Copper** | **33.0** | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Molybdenum | ND | L | 0.476 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Nickel** | **17.3** | | 0.476 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Antimony | ND | | 2.86 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Selenium | ND | | 4.76 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Thallium | ND | | 4.76 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Vanadium** | **41.6** | | 0.952 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| **Zinc** | **47.2** | | 9.52 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |
| Lead | ND | | 4.76 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:58 | 1 |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Arsenic | ND | L | 2.50 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Barium** | **122** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Beryllium** | **0.448** | | 0.250 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Cobalt** | **9.46** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Chromium** | **15.7** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Copper** | **21.2** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Molybdenum | ND | L | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Nickel** | **13.6** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Vanadium** | **31.1** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| **Zinc** | **42.8** | | 10.0 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:00 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Arsenic** | **5.01** | | 2.50 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Barium** | **95.2** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Cadmium** | **1.35** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Cobalt** | **10.3** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Chromium** | **12.1** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Copper** | **21.8** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Molybdenum** | **1.06** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Nickel** | **8.57** | | 0.500 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Vanadium** | **15.3** | | 1.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Zinc** | **101** | | 10.0 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |
| **Lead** | **166** | | 5.00 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:02 | 1 |

**Client Sample ID: LV-12-2.5**
**Date Collected: 06/21/21 08:24**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Arsenic | ND | | 2.55 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Barium** | **107** | | 0.510 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Beryllium** | **0.497** | | 0.255 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Cadmium | ND | | 0.510 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Cobalt** | **8.30** | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Chromium** | **18.7** | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Copper** | **24.6** | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Molybdenum | ND | L | 0.510 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Nickel** | **13.9** | | 0.510 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Antimony | ND | | 3.06 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Selenium | ND | | 5.10 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Thallium | ND | | 5.10 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Vanadium** | **26.7** | | 1.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| **Zinc** | **40.7** | | 10.2 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |
| Lead | ND | | 5.10 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:04 | 1 |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Arsenic | ND | | 2.60 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Barium** | **95.7** | | 0.521 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Beryllium** | **0.270** | | 0.260 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Cadmium | ND | | 0.521 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Cobalt** | **5.93** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Chromium** | **10.7** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Copper** | **13.4** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.521 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Nickel** | **8.08** | | 0.521 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Antimony | ND | | 3.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Selenium | ND | | 5.21 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Thallium | ND | | 5.21 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Vanadium** | **21.6** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| **Zinc** | **25.9** | | 10.4 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |
| Lead | ND | | 5.21 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:07 | 1 |

**Client Sample ID: LV-12-7.5**
**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Barium** | **145** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Beryllium** | **0.533** | | 0.251 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Cobalt** | **11.4** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Chromium** | **19.6** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Copper** | **25.3** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Nickel** | **15.9** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Vanadium** | **39.6** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| **Zinc** | **47.8** | | 10.1 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:09 | 1 |

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Arsenic | ND | L | 2.63 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Barium** | **166** | | 0.526 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Beryllium** | **0.538** | | 0.263 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Cobalt** | **11.2** | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Chromium** | **18.8** | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Copper** | **25.4** | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Molybdenum | ND | L | 0.526 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Nickel** | **16.0** | | 0.526 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Vanadium** | **38.7** | | 1.05 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| **Zinc** | **50.1** | | 10.5 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:11 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| Arsenic | ND | | 2.59 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Barium** | **135** | | 0.518 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Beryllium** | **0.384** | | 0.259 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Cadmium** | **1.08** | | 0.518 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Cobalt** | **8.63** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Chromium** | **78.3** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Copper** | **54.6** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Molybdenum** | **15.7** | | 0.518 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Nickel** | **12.2** | | 0.518 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Antimony** | **13.6** | | 3.11 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| Selenium | ND | | 5.18 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| Thallium | ND | | 5.18 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Vanadium** | **21.3** | | 1.04 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Zinc** | **86.7** | | 10.4 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |
| **Lead** | **1640** | | 5.18 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:13 | 1 |

**Client Sample ID: LV-15-2.5**
**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Arsenic | ND | | 2.56 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Barium** | **57.1** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Beryllium** | **0.265** | | 0.256 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Cadmium** | **1.42** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Cobalt** | **6.64** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Chromium** | **10.7** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Copper** | **51.7** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Molybdenum | ND | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Nickel** | **7.92** | | 0.513 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Antimony | ND | | 3.08 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Selenium | ND | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| Thallium | ND | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Vanadium** | **17.2** | | 1.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Zinc** | **56.2** | | 10.3 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |
| **Lead** | **9.88** | | 5.13 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:15 | 1 |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Arsenic** | **13.5** | | 2.51 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Barium** | **97.6** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Beryllium** | **0.426** | | 0.251 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Cobalt** | **10.6** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Chromium** | **16.0** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Copper** | **24.5** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Nickel** | **16.4** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Vanadium** | **34.1** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| **Zinc** | **43.7** | | 10.1 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:17 | 1 |

**Client Sample ID: LV-15-7.5**
**Date Collected: 06/21/21 09:18**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Arsenic** | **20.5** | | 2.51 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Barium** | **203** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Beryllium** | **0.543** | | 0.251 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Cobalt** | **12.0** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Chromium** | **19.7** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Copper** | **27.6** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Molybdenum | ND | L | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Nickel** | **17.1** | | 0.503 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Vanadium** | **42.9** | | 1.01 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| **Zinc** | **51.0** | | 10.1 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:26 | 1 |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Arsenic | ND | | 2.48 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Barium** | **116** | | 0.495 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Beryllium** | **0.386** | | 0.248 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Cadmium | ND | | 0.495 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Cobalt** | **8.93** | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Chromium** | **13.8** | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Copper** | **20.6** | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Molybdenum | ND | | 0.495 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Nickel** | **12.3** | | 0.495 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Antimony | ND | | 2.97 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Selenium | ND | | 4.95 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Thallium | ND | | 4.95 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Vanadium** | **29.4** | | 0.990 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| **Zinc** | **37.7** | | 9.90 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |
| Lead | ND | | 4.95 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:28 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Barium** | **67.2** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Cobalt** | **10.9** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Chromium** | **5.27** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Copper** | **11.3** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Nickel** | **4.26** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Vanadium** | **11.5** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| **Zinc** | **19.6** | | 9.71 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:30 | 1 |

**Client Sample ID: LV-16-2.5**
**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Arsenic** | **7.67** | | 2.43 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Barium** | **136** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Beryllium** | **0.515** | | 0.243 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Cobalt** | **8.94** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Chromium** | **17.6** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Copper** | **27.7** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Nickel** | **13.4** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Vanadium** | **30.6** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| **Zinc** | **41.2** | | 9.71 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:32 | 1 |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Arsenic** | **6.92** | | 2.44 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Barium** | **141** | | 0.488 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Beryllium** | **0.389** | | 0.244 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Cobalt** | **7.75** | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Chromium** | **14.1** | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Copper** | **18.6** | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Nickel** | **11.4** | | 0.488 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Vanadium** | **24.9** | | 0.976 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| **Zinc** | **31.8** | | 9.76 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:34 | 1 |

**Client Sample ID: LV-16-7.5**
**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Arsenic | ND | | 2.40 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Barium** | **55.8** | | 0.481 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Beryllium | ND | | 0.240 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Cobalt** | **4.55** | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Chromium** | **7.38** | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Copper** | **9.23** | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Nickel** | **6.07** | | 0.481 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Vanadium** | **15.5** | | 0.962 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| **Zinc** | **20.3** | | 9.62 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:36 | 1 |

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Arsenic | ND | L | 2.43 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Barium** | **97.2** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Beryllium** | **0.345** | | 0.243 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Cobalt** | **7.57** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Chromium** | **12.1** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Copper** | **15.1** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Molybdenum | ND | L | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Nickel** | **10.1** | | 0.485 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Vanadium** | **25.5** | | 0.971 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| **Zinc** | **31.2** | | 9.71 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 20:38 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Arsenic | ND | | 2.55 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Barium** | **80.2** | **F1** | 0.510 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Beryllium** | **0.274** | | 0.255 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Cadmium | ND | | 0.510 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Cobalt** | **5.49** | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Chromium** | **10.5** | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Copper** | **12.7** | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Molybdenum** | **0.543** | | 0.510 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Nickel** | **7.95** | | 0.510 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Antimony | ND | F1 | 3.06 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Selenium | ND | | 5.10 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| Thallium | ND | | 5.10 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Vanadium** | **18.2** | | 1.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Zinc** | **28.4** | **F1** | 10.2 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |
| **Lead** | **10.8** | **F1** | 5.10 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:56 | 1 |

**Client Sample ID: LV-17-2.5**
**Date Collected: 06/21/21 10:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Arsenic | ND | | 2.46 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Barium** | **83.2** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Beryllium** | **0.337** | | 0.246 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Cadmium** | **0.578** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Cobalt** | **6.71** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Chromium** | **10.3** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Copper** | **19.8** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Nickel** | **7.62** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Vanadium** | **22.7** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Zinc** | **49.8** | | 9.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |
| **Lead** | **9.70** | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:03 | 1 |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Barium** | **83.1** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Beryllium** | **0.379** | | 0.250 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Cobalt** | **7.23** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Chromium** | **13.1** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Copper** | **15.2** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Nickel** | **10.4** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Vanadium** | **23.7** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| **Zinc** | **30.9** | | 10.0 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:05 | 1 |

**Client Sample ID: LV-17-7.5**
**Date Collected: 06/21/21 10:38**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Barium** | **84.4** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Cobalt** | **4.55** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Chromium** | **8.40** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Copper** | **10.9** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Nickel** | **6.28** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Vanadium** | **16.1** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| **Zinc** | **23.2** | | 9.71 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:07 | 1 |

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Arsenic | ND | L | 2.44 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Barium** | **95.8** | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Beryllium** | **0.503** | | 0.244 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Cobalt** | **10.7** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Chromium** | **17.8** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Copper** | **23.8** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Molybdenum | ND | L | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Nickel** | **15.1** | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Vanadium** | **33.9** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| **Zinc** | **42.4** | | 9.76 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:09 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Barium** | **99.6** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Cadmium** | **1.36** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Cobalt** | **5.17** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Chromium** | **23.0** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Copper** | **27.6** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Molybdenum** | **1.50** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Nickel** | **8.61** | | 0.485 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Antimony** | **2.98** | | 2.91 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Vanadium** | **13.2** | | 0.971 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Zinc** | **133** | | 9.71 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |
| **Lead** | **631** | | 4.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:19 | 1 |

**Client Sample ID: LV-19-2.5**
**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-28**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Arsenic** | **5.08** | | 2.44 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Barium** | **113** | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Beryllium** | **0.359** | | 0.244 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Cobalt** | **7.27** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Chromium** | **13.0** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Copper** | **25.1** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Nickel** | **10.4** | | 0.488 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Vanadium** | **24.3** | | 0.976 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Zinc** | **59.2** | | 9.76 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |
| **Lead** | **41.7** | | 4.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:21 | 1 |

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Barium** | **121** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Beryllium** | **0.380** | | 0.250 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Cobalt** | **7.39** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Chromium** | **13.8** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Copper** | **16.5** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Nickel** | **10.7** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Vanadium** | **22.5** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| **Zinc** | **34.5** | | 10.0 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:23 | 1 |

**Client Sample ID: LV-19-7.5**
**Date Collected: 06/21/21 11:25**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Arsenic | ND | | 2.40 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Barium** | **92.1** | | 0.481 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Beryllium** | **0.281** | | 0.240 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Cobalt** | **5.89** | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Chromium** | **10.4** | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Copper** | **12.4** | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Nickel** | **8.22** | | 0.481 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Vanadium** | **21.0** | | 0.962 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| **Zinc** | **27.6** | | 9.62 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:25 | 1 |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Arsenic | ND | L | 2.60 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Barium** | **196** | | 0.521 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Beryllium** | **0.796** | | 0.260 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Cadmium** | **0.950** | | 0.521 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Cobalt** | **12.1** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Chromium** | **67.6** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Copper** | **83.1** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Molybdenum | ND | L | 0.521 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Nickel** | **20.6** | | 0.521 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Antimony | ND | | 3.13 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Selenium | ND | | 5.21 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Thallium | ND | | 5.21 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Vanadium** | **75.3** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| **Zinc** | **72.9** | | 10.4 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |
| Lead | ND | | 5.21 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:28 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Barium** | **71.6** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Beryllium | ND | | 0.263 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Cadmium** | **0.566** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Cobalt** | **4.33** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Chromium** | **22.2** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Copper** | **24.9** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Molybdenum** | **2.15** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Nickel** | **8.49** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Vanadium** | **10.6** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Zinc** | **153** | | 10.5 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |
| **Lead** | **125** | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:30 | 1 |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Arsenic | ND | | 2.59 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Barium** | **112** | | 0.518 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Beryllium** | **0.417** | | 0.259 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Cadmium** | **0.961** | | 0.518 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Cobalt** | **8.98** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Chromium** | **18.5** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Copper** | **28.3** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Molybdenum | ND | | 0.518 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Nickel** | **14.4** | | 0.518 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Antimony | ND | | 3.11 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Selenium | ND | | 5.18 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| Thallium | ND | | 5.18 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Vanadium** | **27.4** | | 1.04 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Zinc** | **135** | | 10.4 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |
| **Lead** | **226** | | 5.18 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:32 | 1 |

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Barium** | **35.4** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Cobalt** | **2.74** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Chromium** | **5.06** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Copper** | **6.88** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Nickel** | **4.20** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Vanadium** | **8.09** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| **Zinc** | **17.4** | | 10.0 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:34 | 1 |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Arsenic | ND | | 2.46 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Barium** | **161** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Beryllium** | **0.494** | | 0.246 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Cobalt** | **9.00** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Chromium** | **18.0** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Copper** | **22.9** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Nickel** | **14.0** | | 0.493 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Vanadium** | **27.9** | | 0.985 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| **Zinc** | **46.5** | | 9.85 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |
| Lead | ND | | 4.93 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:36 | 1 |

**Client Sample ID: LV-18-7.5**
**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Arsenic | ND | | 2.63 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Barium** | **156** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Beryllium** | **0.584** | | 0.263 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Cobalt** | **12.3** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Chromium** | **21.6** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Copper** | **26.7** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Molybdenum | ND | L | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Nickel** | **17.5** | | 0.526 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Vanadium** | **42.3** | | 1.05 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| **Zinc** | **56.5** | | 10.5 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:39 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Arsenic | ND | L | 2.51 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Barium** | **123** | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Beryllium** | **0.660** | | 0.251 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Cobalt** | **11.7** | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Chromium** | **22.7** | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Copper** | **37.7** | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Molybdenum | ND | L | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Nickel** | **17.1** | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Vanadium** | **41.9** | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| **Zinc** | **50.8** | | 10.1 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:48 | 1 |

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Silver** | **1.74** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Arsenic** | **3.36** | | 2.58 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Barium** | **434** | | 0.515 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| Beryllium | ND | | 0.258 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Cadmium** | **3.22** | | 0.515 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Cobalt** | **11.2** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Chromium** | **207** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Copper** | **73.2** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Molybdenum** | **22.7** | | 0.515 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Nickel** | **14.3** | | 0.515 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Antimony** | **12.5** | | 3.09 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Vanadium** | **16.0** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Zinc** | **293** | | 10.3 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |
| **Lead** | **2680** | | 5.15 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:50 | 1 |

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Arsenic | ND | | 2.56 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Barium** | **104** | | 0.513 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Beryllium** | **0.415** | | 0.256 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Cadmium | ND | | 0.513 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Cobalt** | **8.04** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Chromium** | **14.4** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Copper** | **18.0** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.513 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Nickel** | **11.6** | | 0.513 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Antimony | ND | | 3.08 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Selenium | ND | | 5.13 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Thallium | ND | | 5.13 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Vanadium** | **25.8** | | 1.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| **Zinc** | **36.0** | | 10.3 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |
| Lead | ND | | 5.13 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:52 | 1 |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Arsenic | ND | L | 2.50 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Barium** | **152** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Beryllium** | **0.616** | | 0.250 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Cadmium** | **1.23** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Cobalt** | **12.0** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Chromium** | **21.3** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Copper** | **28.5** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Molybdenum | ND | L | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Nickel** | **20.1** | | 0.500 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Vanadium** | **38.7** | | 1.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| **Zinc** | **82.6** | | 10.0 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 21:54 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-11-1**
**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:20 | 1 |

**Client Sample ID: LV-11-2.5**
**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:29 | 1 |

**Client Sample ID: LV-11-5**
**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:31 | 1 |

**Client Sample ID: LV-11-7.5**
**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:33 | 1 |

**Client Sample ID: LV-11-10**
**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:34 | 1 |

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:36 | 1 |

**Client Sample ID: LV-12-2.5**
**Date Collected: 06/21/21 08:24**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:38 | 1 |

**Client Sample ID: LV-12-5**
**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.197** | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:40 | 1 |

**Client Sample ID: LV-12-7.5**
**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:42 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-12-10**
**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0934** | | 0.0833 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:44 | 1 |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.400** | | 0.0847 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:49 | 1 |

**Client Sample ID: LV-15-2.5**
**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:51 | 1 |

**Client Sample ID: LV-15-5**
**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:53 | 1 |

**Client Sample ID: LV-15-7.5**
**Date Collected: 06/21/21 09:18**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:55 | 1 |

**Client Sample ID: LV-15-10**
**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:57 | 1 |

**Client Sample ID: LV-16-1**
**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 17:59 | 1 |

**Client Sample ID: LV-16-2.5**
**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:01 | 1 |

**Client Sample ID: LV-16-5**
**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:03 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-16-7.5**
**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:05 | 1 |

**Client Sample ID: LV-16-10**
**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:06 | 1 |

**Client Sample ID: LV-17-1**
**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:07 | 1 |

**Client Sample ID: LV-17-2.5**
**Date Collected: 06/21/21 10:34**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:16 | 1 |

**Client Sample ID: LV-17-5**
**Date Collected: 06/21/21 10:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:18 | 1 |

**Client Sample ID: LV-17-7.5**
**Date Collected: 06/21/21 10:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:20 | 1 |

**Client Sample ID: LV-17-10**
**Date Collected: 06/21/21 10:44**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:22 | 1 |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:24 | 1 |

**Client Sample ID: LV-19-2.5**
**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-28**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:26 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-19-5**
**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:28 | 1 |

**Client Sample ID: LV-19-7.5**
**Date Collected: 06/21/21 11:25**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:30 | 1 |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0941** | | 0.0794 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:31 | 1 |

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:33 | 1 |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:39 | 1 |

**Client Sample ID: LV-18-2.5**
**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:41 | 1 |

**Client Sample ID: LV-18-5**
**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:43 | 1 |

**Client Sample ID: LV-18-7.5**
**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:44 | 1 |

**Client Sample ID: LV-18-10**
**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:46 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **1.22** | | 0.0847 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:48 | 1 |

**Client Sample ID: LV-10-5**
**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:50 | 1 |

**Client Sample ID: LV-10-10**
**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.105** | | 0.0877 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:52 | 1 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-142) | (80-120) | (80-123) | (80-120) |
| 570-62332-1 | LV-11-1 | 122 | 101 | 107 | 100 |
| 570-62332-2 | LV-11-1-DUP | 122 | 100 | 106 | 99 |
| 570-62332-4 | LV-11-5 | 119 | 103 | 106 | 101 |
| 570-62332-6 | LV-11-10 | 120 | 102 | 106 | 100 |
| 570-62332-7 | LV-12-1 | 127 | 102 | 110 | 101 |
| 570-62332-9 | LV-12-5 | 117 | 101 | 105 | 100 |
| 570-62332-11 | LV-12-10 | 114 | 100 | 105 | 101 |
| 570-62332-12 | LV-15-1 | 117 | 103 | 109 | 100 |
| 570-62332-14 | LV-15-5 | 114 | 102 | 104 | 101 |
| 570-62332-16 | LV-15-10 | 115 | 102 | 106 | 100 |
| 570-62332-17 | LV-16-1 | 118 | 99 | 106 | 100 |
| 570-62332-19 | LV-16-5 | 125 | 100 | 110 | 102 |
| 570-62332-21 | LV-16-10 | 125 | 102 | 109 | 101 |
| 570-62332-22 | LV-17-1 | 122 | 102 | 106 | 102 |
| 570-62332-24 | LV-17-5 | 109 | 99 | 98 | 101 |
| 570-62332-26 | LV-17-10 | 119 | 101 | 105 | 99 |
| 570-62332-27 | LV-19-1 | 124 | 99 | 108 | 99 |
| 570-62332-29 | LV-19-5 | 122 | 102 | 108 | 101 |
| 570-62332-31 | LV-19-10 | 119 | 99 | 106 | 101 |
| 570-62332-33 | LV-18-1 | 119 | 100 | 104 | 100 |
| 570-62332-35 | LV-18-5 | 121 | 96 | 108 | 100 |
| 570-62332-37 | LV-18-10 | 120 | 101 | 107 | 99 |
| 570-62332-38 | LV-18-10-DUP | 120 | 102 | 104 | 102 |
| 570-62332-39 | LV-10-1 | 114 | 100 | 104 | 100 |
| 570-62332-40 | LV-10-5 | 110 | 95 | 101 | 98 |
| 570-62332-41 | LV-10-10 | 110 | 94 | 101 | 97 |
| LCS 570-159363/3 | Lab Control Sample | 103 | 100 | 100 | 101 |
| LCS 570-159453/7 | Lab Control Sample | 90 | 97 | 99 | 101 |
| LCS 570-159461/4 | Lab Control Sample | 111 | 103 | 105 | 102 |
| LCSD 570-159363/4 | Lab Control Sample Dup | 104 | 101 | 100 | 100 |
| LCSD 570-159453/5 | Lab Control Sample Dup | 90 | 96 | 99 | 100 |
| LCSD 570-159461/5 | Lab Control Sample Dup | 111 | 101 | 108 | 102 |
| MB 570-159363/6 | Method Blank | 103 | 100 | 101 | 100 |
| MB 570-159453/10 | Method Blank | 95 | 97 | 93 | 97 |
| MB 570-159461/10 | Method Blank | 113 | 101 | 109 | 100 |
| MB 570-159461/9 | Method Blank | 116 | 101 | 107 | 101 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8015B - Gasoline Range Organics - (GC)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| | | BFB1 |
| Lab Sample ID | Client Sample ID | (42-126) |
| 570-62332-1 | LV-11-1 | 88 |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (42-126) | | | | | | |
| 570-62332-2 | LV-11-1-DUP | 98 | | | | | | |
| 570-62332-4 | LV-11-5 | 101 | | | | | | |
| 570-62332-6 | LV-11-10 | 89 | | | | | | |
| 570-62332-7 | LV-12-1 | 92 | | | | | | |
| 570-62332-9 | LV-12-5 | 93 | | | | | | |
| 570-62332-11 | LV-12-10 | 87 | | | | | | |
| 570-62332-12 | LV-15-1 | 92 | | | | | | |
| 570-62332-14 | LV-15-5 | 92 | | | | | | |
| 570-62332-16 | LV-15-10 | 90 | | | | | | |
| 570-62332-17 | LV-16-1 | 82 | | | | | | |
| 570-62332-19 | LV-16-5 | 94 | | | | | | |
| 570-62332-21 | LV-16-10 | 91 | | | | | | |
| 570-62332-22 | LV-17-1 | 87 | | | | | | |
| 570-62332-24 | LV-17-5 | 81 | | | | | | |
| 570-62332-26 | LV-17-10 | 80 | | | | | | |
| 570-62332-27 | LV-19-1 | 93 | | | | | | |
| 570-62332-29 | LV-19-5 | 97 | | | | | | |
| 570-62332-31 | LV-19-10 | 91 | | | | | | |
| 570-62332-33 | LV-18-1 | 94 | | | | | | |
| 570-62332-35 | LV-18-5 | 69 | | | | | | |
| 570-62332-37 | LV-18-10 | 80 | | | | | | |
| 570-62332-38 | LV-18-10-DUP | 81 | | | | | | |
| 570-62332-39 | LV-10-1 | 80 | | | | | | |
| 570-62332-40 | LV-10-5 | 82 | | | | | | |
| 570-62332-41 | LV-10-10 | 84 | | | | | | |
| LCS 570-159497/9 | Lab Control Sample | 99 | | | | | | |
| LCS 570-159777/3 | Lab Control Sample | 92 | | | | | | |
| LCSD 570-159497/10 | Lab Control Sample Dup | 103 | | | | | | |
| LCSD 570-159777/4 | Lab Control Sample Dup | 94 | | | | | | |
| MB 570-159497/11 | Method Blank | 86 | | | | | | |
| MB 570-159777/5 | Method Blank | 86 | | | | | | |
| MB 570-159777/6 | Method Blank | 82 | | | | | | |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) | | | | | | |
| 570-62332-1 | LV-11-1 | 92 | | | | | | |
| 570-62332-1 MS | LV-11-1 | 98 | | | | | | |
| 570-62332-1 MSD | LV-11-1 | 92 | | | | | | |
| 570-62332-3 | LV-11-2.5 | 100 | | | | | | |
| 570-62332-4 | LV-11-5 | 95 | | | | | | |
| 570-62332-5 | LV-11-7.5 | 100 | | | | | | |
| 570-62332-6 | LV-11-10 | 102 | | | | | | |
| 570-62332-7 | LV-12-1 | 98 | | | | | | |
| 570-62332-8 | LV-12-2.5 | 95 | | | | | | |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) | | | | | | |
| 570-62332-9 | LV-12-5 | 99 | | | | | | |
| 570-62332-10 | LV-12-7.5 | 95 | | | | | | |
| 570-62332-11 | LV-12-10 | 96 | | | | | | |
| 570-62332-12 | LV-15-1 | 86 | | | | | | |
| 570-62332-13 | LV-15-2.5 | 103 | | | | | | |
| 570-62332-14 | LV-15-5 | 105 | | | | | | |
| 570-62332-15 | LV-15-7.5 | 103 | | | | | | |
| 570-62332-16 | LV-15-10 | 100 | | | | | | |
| 570-62332-17 | LV-16-1 | 101 | | | | | | |
| 570-62332-18 | LV-16-2.5 | 98 | | | | | | |
| 570-62332-19 | LV-16-5 | 97 | | | | | | |
| 570-62332-20 | LV-16-7.5 | 102 | | | | | | |
| 570-62332-21 | LV-16-10 | 100 | | | | | | |
| 570-62332-22 | LV-17-1 | 95 | | | | | | |
| 570-62332-22 MS | LV-17-1 | 92 | | | | | | |
| 570-62332-22 MSD | LV-17-1 | 92 | | | | | | |
| 570-62332-23 - DL | LV-17-2.5 | 97 | | | | | | |
| 570-62332-24 - DL | LV-17-5 | 90 | | | | | | |
| 570-62332-25 | LV-17-7.5 | 97 | | | | | | |
| 570-62332-26 | LV-17-10 | 96 | | | | | | |
| 570-62332-27 | LV-19-1 | 68 | | | | | | |
| 570-62332-28 | LV-19-2.5 | 84 | | | | | | |
| 570-62332-29 | LV-19-5 | 96 | | | | | | |
| 570-62332-30 | LV-19-7.5 | 95 | | | | | | |
| 570-62332-31 | LV-19-10 | 92 | | | | | | |
| 570-62332-33 | LV-18-1 | 71 | | | | | | |
| 570-62332-34 | LV-18-2.5 | 99 | | | | | | |
| 570-62332-35 | LV-18-5 | 93 | | | | | | |
| 570-62332-36 | LV-18-7.5 | 100 | | | | | | |
| 570-62332-37 | LV-18-10 | 98 | | | | | | |
| 570-62332-39 | LV-10-1 | 99 | | | | | | |
| 570-62332-40 | LV-10-5 | 92 | | | | | | |
| 570-62332-41 | LV-10-10 | 93 | | | | | | |
| LCS 570-159938/2-A | Lab Control Sample | 102 | | | | | | |
| LCS 570-159943/2-A | Lab Control Sample | 91 | | | | | | |
| LCSD 570-159938/3-A | Lab Control Sample Dup | 100 | | | | | | |
| LCSD 570-159943/3-A | Lab Control Sample Dup | 84 | | | | | | |
| MB 570-159938/1-A | Method Blank | 90 | | | | | | |
| MB 570-159943/1-A | Method Blank | 85 | | | | | | |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | TCX1 (25-126) | DCB1 (20-155) | | | | | |
| 570-62332-1 | LV-11-1 | 83 | 81 | | | | | |
| 570-62332-3 | LV-11-2.5 | 80 | 74 | | | | | |

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TCX1 | DCB1 | | | | | | | | |
| Lab Sample ID | Client Sample ID | (25-126) | (20-155) | | | | | | | | |
| 570-62332-4 | LV-11-5 | 88 | 78 | | | | | | | | |
| 570-62332-5 | LV-11-7.5 | 77 | 71 | | | | | | | | |
| 570-62332-6 | LV-11-10 | 77 | 73 | | | | | | | | |
| 570-62332-7 | LV-12-1 | 81 | 69 | | | | | | | | |
| 570-62332-8 | LV-12-2.5 | 76 | 74 | | | | | | | | |
| 570-62332-9 | LV-12-5 | 65 | 63 | | | | | | | | |
| 570-62332-10 | LV-12-7.5 | 52 | 49 | | | | | | | | |
| 570-62332-11 | LV-12-10 | 68 | 66 | | | | | | | | |
| 570-62332-12 | LV-15-1 | 74 | 75 | | | | | | | | |
| 570-62332-13 | LV-15-2.5 | 74 | 66 | | | | | | | | |
| 570-62332-14 | LV-15-5 | 70 | 65 | | | | | | | | |
| 570-62332-15 | LV-15-7.5 | 76 | 64 | | | | | | | | |
| 570-62332-16 | LV-15-10 | 74 | 65 | | | | | | | | |
| 570-62332-17 | LV-16-1 | 75 | 72 | | | | | | | | |
| 570-62332-18 | LV-16-2.5 | 73 | 61 | | | | | | | | |
| 570-62332-19 | LV-16-5 | 82 | 74 | | | | | | | | |
| 570-62332-20 | LV-16-7.5 | 78 | 71 | | | | | | | | |
| 570-62332-21 | LV-16-10 | 40 | 29 | | | | | | | | |
| 570-62332-21 MS | LV-16-10 | 71 | 64 | | | | | | | | |
| 570-62332-21 MSD | LV-16-10 | 73 p | 64 | | | | | | | | |
| 570-62332-22 | LV-17-1 | 84 | 84 | | | | | | | | |
| 570-62332-23 | LV-17-2.5 | 73 | 86 | | | | | | | | |
| 570-62332-24 | LV-17-5 | 72 | 92 p | | | | | | | | |
| 570-62332-25 | LV-17-7.5 | 103 | 81 | | | | | | | | |
| 570-62332-26 | LV-17-10 | 75 | 78 | | | | | | | | |
| 570-62332-27 | LV-19-1 | 85 | 84 | | | | | | | | |
| 570-62332-28 | LV-19-2.5 | 78 | 74 | | | | | | | | |
| 570-62332-29 | LV-19-5 | 65 | 65 | | | | | | | | |
| 570-62332-30 | LV-19-7.5 | 59 | 60 | | | | | | | | |
| 570-62332-31 | LV-19-10 | 53 | 54 | | | | | | | | |
| 570-62332-32 | LV-20-0.5 | 87 | 83 | | | | | | | | |
| 570-62332-32 MS | LV-20-0.5 | 84 | 80 | | | | | | | | |
| 570-62332-32 MSD | LV-20-0.5 | 83 | 79 | | | | | | | | |
| 570-62332-33 | LV-18-1 | 81 | 70 | | | | | | | | |
| 570-62332-34 | LV-18-2.5 | 67 | 65 | | | | | | | | |
| 570-62332-35 | LV-18-5 | 55 | 59 | | | | | | | | |
| 570-62332-36 | LV-18-7.5 | 52 | 59 | | | | | | | | |
| 570-62332-37 | LV-18-10 | 59 | 70 | | | | | | | | |
| 570-62332-39 | LV-10-1 | 77 | 84 | | | | | | | | |
| 570-62332-39 - DL | LV-10-1 | 84 | 119 | | | | | | | | |
| 570-62332-40 | LV-10-5 | 77 | 83 | | | | | | | | |
| 570-62332-41 | LV-10-10 | 42 | 43 | | | | | | | | |
| LCS 570-158880/2-A | Lab Control Sample | 102 | 98 | | | | | | | | |
| LCS 570-158883/2-A | Lab Control Sample | 93 | 102 | | | | | | | | |
| LCSD 570-158880/3-A | Lab Control Sample Dup | 104 | 98 | | | | | | | | |
| LCSD 570-158883/3-A | Lab Control Sample Dup | 94 | 107 | | | | | | | | |
| MB 570-158880/1-A | Method Blank | 97 p | 94 | | | | | | | | |
| MB 570-158883/1-A | Method Blank | 87 | 101 | | | | | | | | |

**Surrogate Legend**

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-159363/6**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159363/6**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 00:21 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | | *06/24/21 00:21* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | | *06/24/21 00:21* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | | *06/24/21 00:21* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *06/24/21 00:21* | *1* |

**Lab Sample ID: LCS 570-159363/3**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 47.25 | | ug/Kg | | 94 | 67 - 122 |
| 1,2-Dibromoethane | 50.0 | 44.22 | | ug/Kg | | 88 | 80 - 123 |
| 1,2-Dichlorobenzene | 50.0 | 44.69 | | ug/Kg | | 89 | 80 - 120 |
| 1,2-Dichloroethane | 50.0 | 47.10 | | ug/Kg | | 94 | 80 - 125 |
| Benzene | 50.0 | 44.63 | | ug/Kg | | 89 | 79 - 120 |
| Carbon tetrachloride | 50.0 | 52.50 | | ug/Kg | | 105 | 69 - 132 |
| Chlorobenzene | 50.0 | 45.69 | | ug/Kg | | 91 | 80 - 120 |
| Di-isopropyl ether (DIPE) | 50.0 | 44.43 | | ug/Kg | | 89 | 62 - 128 |
| Ethanol | 500 | 414.5 | | ug/Kg | | 83 | 48 - 151 |
| Ethylbenzene | 50.0 | 45.61 | | ug/Kg | | 91 | 80 - 120 |
| Ethyl-t-butyl ether (ETBE) | 50.0 | 45.06 | | ug/Kg | | 90 | 66 - 123 |
| m,p-Xylene | 100 | 90.63 | | ug/Kg | | 91 | 79 - 120 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159363/3**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 44.50 | | ug/Kg | | 89 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 45.77 | | ug/Kg | | 92 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159363/4**
**Matrix: Solid**
**Analysis Batch: 159363**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 53.07 | | ug/Kg | | 106 | 67 - 122 | 12 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 49.22 | | ug/Kg | | 98 | 80 - 123 | 11 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 49.89 | | ug/Kg | | 100 | 80 - 120 | 11 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 52.37 | | ug/Kg | | 105 | 80 - 125 | 11 | 20 |
| Benzene | | | 50.0 | 50.33 | | ug/Kg | | 101 | 79 - 120 | 12 | 20 |
| Carbon tetrachloride | | | 50.0 | 60.51 | | ug/Kg | | 121 | 69 - 132 | 14 | 20 |
| Chlorobenzene | | | 50.0 | 50.53 | | ug/Kg | | 101 | 80 - 120 | 10 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 49.61 | | ug/Kg | | 99 | 62 - 128 | 11 | 20 |
| Ethanol | | | 500 | 475.7 | | ug/Kg | | 95 | 48 - 151 | 14 | 29 |
| Ethylbenzene | | | 50.0 | 50.71 | | ug/Kg | | 101 | 80 - 120 | 11 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 50.34 | | ug/Kg | | 101 | 66 - 123 | 11 | 20 |
| m,p-Xylene | | | 100 | 100.6 | | ug/Kg | | 101 | 79 - 120 | 10 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 49.68 | | ug/Kg | | 99 | 68 - 120 | 11 | 20 |
| o-Xylene | | | 50.0 | 51.05 | | ug/Kg | | 102 | 79 - 120 | 11 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

**Lab Sample ID: MB 570-159453/10**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159453/10**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159453/10**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:18 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *80 - 142* | | *06/24/21 11:18* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* | | *06/24/21 11:18* | *1* |
| *Dibromofluoromethane (Surr)* | *93* | | *80 - 123* | | *06/24/21 11:18* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | | *06/24/21 11:18* | *1* |

**Lab Sample ID: LCS 570-159453/7**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 52.11 | | ug/Kg | | 104 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 52.35 | | ug/Kg | | 105 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 52.04 | | ug/Kg | | 104 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 45.24 | | ug/Kg | | 90 | 80 - 125 | | |
| Benzene | | | 50.0 | 51.66 | | ug/Kg | | 103 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 51.28 | | ug/Kg | | 103 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 50.74 | | ug/Kg | | 101 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 50.15 | | ug/Kg | | 100 | 62 - 128 | | |
| Ethanol | | | 500 | 382.7 | | ug/Kg | | 77 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 51.51 | | ug/Kg | | 103 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 51.46 | | ug/Kg | | 103 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 103.4 | | ug/Kg | | 103 | 79 - 120 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.27 | | ug/Kg | | 101 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 51.75 | | ug/Kg | | 103 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *90* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-159453/5**
**Matrix: Solid**
**Analysis Batch: 159453**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 54.42 | | ug/Kg | | 109 | 67 - 122 | 4 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 53.39 | | ug/Kg | | 107 | 80 - 123 | 2 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 53.68 | | ug/Kg | | 107 | 80 - 120 | 3 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 46.82 | | ug/Kg | | 94 | 80 - 125 | 3 | 20 |
| Benzene | | | 50.0 | 53.82 | | ug/Kg | | 108 | 79 - 120 | 4 | 20 |
| Carbon tetrachloride | | | 50.0 | 53.64 | | ug/Kg | | 107 | 69 - 132 | 4 | 20 |
| Chlorobenzene | | | 50.0 | 52.77 | | ug/Kg | | 106 | 80 - 120 | 4 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 51.60 | | ug/Kg | | 103 | 62 - 128 | 3 | 20 |
| Ethanol | | | 500 | 405.3 | | ug/Kg | | 81 | 48 - 151 | 6 | 29 |
| Ethylbenzene | | | 50.0 | 53.83 | | ug/Kg | | 108 | 80 - 120 | 4 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 52.04 | | ug/Kg | | 104 | 66 - 123 | 1 | 20 |
| m,p-Xylene | | | 100 | 107.1 | | ug/Kg | | 107 | 79 - 120 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.82 | | ug/Kg | | 102 | 68 - 120 | 1 | 20 |
| o-Xylene | | | 50.0 | 53.61 | | ug/Kg | | 107 | 79 - 120 | 4 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *90* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

**Lab Sample ID: MB 570-159461/10**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1,1-Trichloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1,2-Trichloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1-Dichloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,1-Dichloropropene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2,3-Trichlorobenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2,3-Trichloropropane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2,4-Trimethylbenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dibromoethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dichloroethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,2-Dichloropropane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,3,5-Trimethylbenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,3-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,3-Dichloropropane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 1,4-Dichlorobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 2,2-Dichloropropane | ND | | 250 | | ug/Kg | | | 06/24/21 12:15 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159461/10**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 2-Chlorotoluene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 2-Hexanone | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 4-Chlorotoluene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| 4-Methyl-2-pentanone | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Acetone | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Benzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromochloromethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromodichloromethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromoform | ND | | 250 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Bromomethane | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Carbon disulfide | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Carbon tetrachloride | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Chlorobenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Chloroethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Chloroform | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Chloromethane | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| cis-1,2-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| cis-1,3-Dichloropropene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Dibromochloromethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Dibromomethane | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Dichlorodifluoromethane | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Di-isopropyl ether (DIPE) | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Ethanol | ND | | 13000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Ethylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Ethyl-t-butyl ether (ETBE) | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Isopropylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| m,p-Xylene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Methylene Chloride | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Naphthalene | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| n-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| N-Propylbenzene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| o-Xylene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| p-Isopropyltoluene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| sec-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Styrene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Tert-amyl-methyl ether (TAME) | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| tert-Butyl alcohol (TBA) | ND | | 1000 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| tert-Butylbenzene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Tetrachloroethene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Toluene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| trans-1,2-Dichloroethene | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| trans-1,3-Dichloropropene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Trichloroethene | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Trichlorofluoromethane | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Vinyl acetate | ND | | 500 | | ug/Kg | | | 06/24/21 12:15 | 50 |
| Vinyl chloride | ND | | 50 | | ug/Kg | | | 06/24/21 12:15 | 50 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159461/10**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | ND | | 100 | | ug/Kg | | | 06/24/21 12:15 | 50 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | | *06/24/21 12:15* | *50* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | | *06/24/21 12:15* | *50* |
| *Dibromofluoromethane (Surr)* | *109* | | *80 - 123* | | *06/24/21 12:15* | *50* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *06/24/21 12:15* | *50* |

**Lab Sample ID: MB 570-159461/9**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159461/9**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 11:49 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *80 - 142* | | *06/24/21 11:49* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | | *06/24/21 11:49* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | | *06/24/21 11:49* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *06/24/21 11:49* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159461/4**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 51.85 | | ug/Kg | | 104 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 49.10 | | ug/Kg | | 98 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 51.46 | | ug/Kg | | 103 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 53.49 | | ug/Kg | | 107 | 80 - 125 | | |
| Benzene | | | 50.0 | 46.46 | | ug/Kg | | 93 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 58.09 | | ug/Kg | | 116 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 49.67 | | ug/Kg | | 99 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.50 | | ug/Kg | | 91 | 62 - 128 | | |
| Ethanol | | | 500 | 496.7 | | ug/Kg | | 99 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 49.68 | | ug/Kg | | 99 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 48.45 | | ug/Kg | | 97 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 100.4 | | ug/Kg | | 100 | 79 - 120 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.67 | | ug/Kg | | 101 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 50.57 | | ug/Kg | | 101 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159461/5**
**Matrix: Solid**
**Analysis Batch: 159461**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 51.40 | | ug/Kg | | 103 | 67 - 122 | 1 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 46.91 | | ug/Kg | | 94 | 80 - 123 | 5 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 53.13 | | ug/Kg | | 106 | 80 - 120 | 3 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 52.57 | | ug/Kg | | 105 | 80 - 125 | 2 | 20 |
| Benzene | | | 50.0 | 45.98 | | ug/Kg | | 92 | 79 - 120 | 1 | 20 |
| Carbon tetrachloride | | | 50.0 | 57.01 | | ug/Kg | | 114 | 69 - 132 | 2 | 20 |
| Chlorobenzene | | | 50.0 | 49.51 | | ug/Kg | | 99 | 80 - 120 | 0 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.06 | | ug/Kg | | 90 | 62 - 128 | 1 | 20 |
| Ethanol | | | 500 | 476.9 | | ug/Kg | | 95 | 48 - 151 | 4 | 29 |
| Ethylbenzene | | | 50.0 | 48.99 | | ug/Kg | | 98 | 80 - 120 | 1 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 48.22 | | ug/Kg | | 96 | 66 - 123 | 0 | 20 |
| m,p-Xylene | | | 100 | 96.63 | | ug/Kg | | 97 | 79 - 120 | 4 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 50.43 | | ug/Kg | | 101 | 68 - 120 | 0 | 20 |
| o-Xylene | | | 50.0 | 50.10 | | ug/Kg | | 100 | 79 - 120 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *108* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-159497/11**
**Matrix: Solid**
**Analysis Batch: 159497**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/24/21 15:46 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | | *06/24/21 15:46* | *1* |

**Lab Sample ID: LCS 570-159497/9**
**Matrix: Solid**
**Analysis Batch: 159497**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.667 | | mg/Kg | | 79 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *42 - 126* |

**Lab Sample ID: LCSD 570-159497/10**
**Matrix: Solid**
**Analysis Batch: 159497**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.529 | | mg/Kg | | 72 | 70 - 124 | 9 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *42 - 126* |

**Lab Sample ID: MB 570-159777/5**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/25/21 10:58 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | | *06/25/21 10:58* | *1* |

**Lab Sample ID: MB 570-159777/6**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 2.0 | | mg/Kg | | | 06/25/21 11:22 | 20 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | | *06/25/21 11:22* | *20* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: LCS 570-159777/3**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.030 | | mg/Kg | | 96 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* |

**Lab Sample ID: LCSD 570-159777/4**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.042 | | mg/Kg | | 96 | 70 - 124 | 1 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-159938/1-A**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 04:28 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:17 | 06/26/21 04:28 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *90* | | *60 - 138* | *06/25/21 15:17* | *06/26/21 04:28* | *1* |

**Lab Sample ID: LCS 570-159938/2-A**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 429.2 | | mg/Kg | | 107 | 80 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *102* | | *60 - 138* |

**Lab Sample ID: LCSD 570-159938/3-A**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 419.9 | | mg/Kg | | 105 | 80 - 130 | 2 | 20 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCSD 570-159938/3-A**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 100 | | 60 - 138 |

**Lab Sample ID: 570-62332-1 MS**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 380 | 406.0 | | mg/Kg | | 106 | 43 - 165 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 98 | | 60 - 138 |

**Lab Sample ID: 570-62332-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159821**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159938**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 415 | 430.1 | | mg/Kg | | 102 | 43 - 165 | 6 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 92 | | 60 - 138 |

**Lab Sample ID: MB 570-159943/1-A**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 02:21 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/25/21 15:39 | 06/26/21 02:21 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| n-Octacosane (Surr) | 85 | | 60 - 138 | 06/25/21 15:39 | 06/26/21 02:21 | 1 |

**Lab Sample ID: LCS 570-159943/2-A**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 430.5 | | mg/Kg | | 108 | 80 - 130 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 91 | | 60 - 138 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCSD 570-159943/3-A**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 439.9 | | mg/Kg | | 110 | 80 - 130 | 2 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* |

**Lab Sample ID: 570-62332-22 MS**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 68 | | 404 | 515.7 | | mg/Kg | | 111 | 43 - 165 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* |

**Lab Sample ID: 570-62332-22 MSD**
**Matrix: Solid**
**Analysis Batch: 159991**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159943**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 68 | | 394 | 475.5 | | mg/Kg | | 103 | 43 - 165 | 8 | 35 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *92* | | *60 - 138* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-158880/1-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 158880**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:56 | 06/24/21 19:03 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *97* | *p* | *25 - 126* | *06/22/21 09:56* | *06/24/21 19:03* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *94* | | *20 - 155* | *06/22/21 09:56* | *06/24/21 19:03* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCS 570-158880/2-A**
**Client Sample ID: Lab Control Sample**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159618**
**Prep Batch: 158880**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 116.4 | | ug/Kg | | 116 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 105.0 | | ug/Kg | | 105 | 50 - 150 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *102* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *98* | | *20 - 155* |

**Lab Sample ID: LCSD 570-158880/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159618**
**Prep Batch: 158880**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 118.0 | | ug/Kg | | 118 | 50 - 142 | 1 | 30 |
| Aroclor-1260 | | | 100 | 108.7 | | ug/Kg | | 109 | 50 - 150 | 3 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *104* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *98* | | *20 - 155* |

**Lab Sample ID: 570-62332-21 MS**
**Client Sample ID: LV-16-10**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159618**
**Prep Batch: 158880**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.2 | 80.21 | | ug/Kg | | 81 | 20 - 175 | | |
| Aroclor-1260 | ND | | 99.2 | 78.24 | | ug/Kg | | 79 | 20 - 180 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *71* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *64* | | *20 - 155* |

**Lab Sample ID: 570-62332-21 MSD**
**Client Sample ID: LV-16-10**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 159339**
**Prep Batch: 158880**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.9 | 84.86 | | ug/Kg | | 85 | 20 - 175 | 6 | 40 |
| Aroclor-1260 | ND | | 99.9 | 75.40 | | ug/Kg | | 75 | 20 - 180 | 4 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *73* | *p* | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *64* | | *20 - 155* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 570-158883/1-A**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/22/21 09:59 | 06/23/21 19:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/22/21 09:59* | *06/23/21 19:36* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *101* | | *20 - 155* | *06/22/21 09:59* | *06/23/21 19:36* | *1* |

**Lab Sample ID: LCS 570-158883/2-A**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 85.94 | | ug/Kg | | 86 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 98.10 | | ug/Kg | | 98 | 50 - 150 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *93* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *102* | | *20 - 155* |

**Lab Sample ID: LCSD 570-158883/3-A**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 88.94 | | ug/Kg | | 89 | 50 - 142 | 3 | 30 |
| Aroclor-1260 | | | 100 | 103.8 | | ug/Kg | | 104 | 50 - 150 | 6 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *94* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *107* | | *20 - 155* |

**Lab Sample ID: 570-62332-32 MS**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: LV-20-0.5**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 99.8 | 120.6 | | ug/Kg | | 121 | 20 - 175 | | |
| Aroclor-1260 | ND | | 99.8 | 101.3 | | ug/Kg | | 102 | 20 - 180 | | |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-62332-32 MS**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: LV-20-0.5**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *84* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *80* | | *20 - 155* |

**Lab Sample ID: 570-62332-32 MSD**
**Matrix: Solid**
**Analysis Batch: 159041**

**Client Sample ID: LV-20-0.5**
**Prep Type: Total/NA**
**Prep Batch: 158883**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 100 | 86.72 | | ug/Kg | | 87 | 20 - 175 | 33 | 40 |
| Aroclor-1260 | ND | | 100 | 109.5 | | ug/Kg | | 109 | 20 - 180 | 8 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *79* | | *20 - 155* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-159530/1-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Arsenic | ND | | 2.46 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Barium | ND | | 0.493 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Beryllium | ND | | 0.246 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Cobalt | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Chromium | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Copper | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Nickel | ND | | 0.493 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Vanadium | ND | | 0.985 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Zinc | ND | | 9.85 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |
| Lead | ND | | 4.93 | | mg/Kg | | 06/24/21 11:25 | 06/25/21 19:33 | 1 |

**Lab Sample ID: LCS 570-159530/2-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | | | 12.4 | 12.35 | | mg/Kg | | 99 | 80 - 120 | | |
| Arsenic | | | 24.9 | 23.30 | | mg/Kg | | 94 | 80 - 120 | | |
| Barium | | | 24.9 | 26.60 | | mg/Kg | | 107 | 80 - 120 | | |
| Beryllium | | | 24.9 | 24.14 | | mg/Kg | | 97 | 80 - 120 | | |
| Cadmium | | | 24.9 | 24.80 | | mg/Kg | | 100 | 80 - 120 | | |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-159530/2-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Cobalt | 24.9 | 25.23 | | mg/Kg | | 101 | 80 - 120 |
| Chromium | 24.9 | 25.05 | | mg/Kg | | 101 | 80 - 120 |
| Copper | 24.9 | 25.95 | | mg/Kg | | 104 | 80 - 120 |
| Molybdenum | 24.9 | 23.81 | | mg/Kg | | 96 | 80 - 120 |
| Nickel | 24.9 | 26.05 | | mg/Kg | | 105 | 80 - 120 |
| Antimony | 24.9 | 24.93 | | mg/Kg | | 100 | 80 - 120 |
| Selenium | 24.9 | 23.95 | | mg/Kg | | 96 | 80 - 120 |
| Thallium | 24.9 | 25.78 | | mg/Kg | | 104 | 80 - 120 |
| Vanadium | 24.9 | 24.68 | | mg/Kg | | 99 | 80 - 120 |
| Zinc | 24.9 | 24.27 | | mg/Kg | | 98 | 80 - 120 |
| Lead | 24.9 | 23.54 | | mg/Kg | | 95 | 80 - 120 |

**Lab Sample ID: LCSD 570-159530/3-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Silver | 13.2 | 13.01 | | mg/Kg | | 99 | 80 - 120 | 5 | 20 |
| Arsenic | 26.3 | 24.26 | | mg/Kg | | 92 | 80 - 120 | 4 | 20 |
| Barium | 26.3 | 28.03 | | mg/Kg | | 107 | 80 - 120 | 5 | 20 |
| Beryllium | 26.3 | 25.59 | | mg/Kg | | 97 | 80 - 120 | 6 | 20 |
| Cadmium | 26.3 | 26.27 | | mg/Kg | | 100 | 80 - 120 | 6 | 20 |
| Cobalt | 26.3 | 26.60 | | mg/Kg | | 101 | 80 - 120 | 5 | 20 |
| Chromium | 26.3 | 26.50 | | mg/Kg | | 101 | 80 - 120 | 6 | 20 |
| Copper | 26.3 | 27.41 | | mg/Kg | | 104 | 80 - 120 | 5 | 20 |
| Molybdenum | 26.3 | 25.74 | | mg/Kg | | 98 | 80 - 120 | 8 | 20 |
| Nickel | 26.3 | 27.36 | | mg/Kg | | 104 | 80 - 120 | 5 | 20 |
| Antimony | 26.3 | 25.82 | | mg/Kg | | 98 | 80 - 120 | 3 | 20 |
| Selenium | 26.3 | 24.61 | | mg/Kg | | 94 | 80 - 120 | 3 | 20 |
| Thallium | 26.3 | 27.33 | | mg/Kg | | 104 | 80 - 120 | 6 | 20 |
| Vanadium | 26.3 | 26.02 | | mg/Kg | | 99 | 80 - 120 | 5 | 20 |
| Zinc | 26.3 | 25.81 | | mg/Kg | | 98 | 80 - 120 | 6 | 20 |
| Lead | 26.3 | 25.09 | | mg/Kg | | 95 | 80 - 120 | 6 | 20 |

**Lab Sample ID: 570-62332-1 MS**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.8 | 10.25 | | mg/Kg | | 80 | 75 - 125 |
| Arsenic | ND | | 25.5 | 20.15 | | mg/Kg | | 79 | 75 - 125 |
| Barium | 46.8 | | 25.5 | 71.30 | | mg/Kg | | 96 | 75 - 125 |
| Beryllium | ND | | 25.5 | 21.26 | | mg/Kg | | 83 | 75 - 125 |
| Cadmium | ND | | 25.5 | 20.76 | | mg/Kg | | 80 | 75 - 125 |
| Cobalt | 3.79 | | 25.5 | 24.63 | | mg/Kg | | 82 | 75 - 125 |
| Chromium | 5.73 | | 25.5 | 26.64 | | mg/Kg | | 82 | 75 - 125 |
| Copper | 9.86 | | 25.5 | 31.85 | | mg/Kg | | 86 | 75 - 125 |
| Molybdenum | 1.04 | | 25.5 | 20.90 | | mg/Kg | | 78 | 75 - 125 |
| Nickel | 3.70 | | 25.5 | 24.94 | | mg/Kg | | 83 | 75 - 125 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62332-1 MS**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | F1 | 25.5 | 16.06 | F1 | mg/Kg | | 63 | 75 - 125 |
| Selenium | ND | | 25.5 | 21.45 | | mg/Kg | | 84 | 75 - 125 |
| Thallium | ND | | 25.5 | 19.85 | | mg/Kg | | 78 | 75 - 125 |
| Vanadium | 9.62 | | 25.5 | 33.15 | | mg/Kg | | 92 | 75 - 125 |
| Zinc | 33.0 | | 25.5 | 57.62 | | mg/Kg | | 96 | 75 - 125 |
| Lead | 11.9 | | 25.5 | 31.62 | | mg/Kg | | 77 | 75 - 125 |

**Lab Sample ID: 570-62332-1 MSD**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159530**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.5 | 10.09 | | mg/Kg | | 81 | 75 - 125 | 2 | 20 |
| Arsenic | ND | | 25.0 | 20.38 | | mg/Kg | | 82 | 75 - 125 | 1 | 20 |
| Barium | 46.8 | | 25.0 | 70.16 | | mg/Kg | | 94 | 75 - 125 | 2 | 20 |
| Beryllium | ND | | 25.0 | 21.05 | | mg/Kg | | 83 | 75 - 125 | 1 | 20 |
| Cadmium | ND | | 25.0 | 20.67 | | mg/Kg | | 82 | 75 - 125 | 0 | 20 |
| Cobalt | 3.79 | | 25.0 | 24.41 | | mg/Kg | | 82 | 75 - 125 | 1 | 20 |
| Chromium | 5.73 | | 25.0 | 26.23 | | mg/Kg | | 82 | 75 - 125 | 2 | 20 |
| Copper | 9.86 | | 25.0 | 31.77 | | mg/Kg | | 88 | 75 - 125 | 0 | 20 |
| Molybdenum | 1.04 | | 25.0 | 20.75 | | mg/Kg | | 79 | 75 - 125 | 1 | 20 |
| Nickel | 3.70 | | 25.0 | 25.00 | | mg/Kg | | 85 | 75 - 125 | 0 | 20 |
| Antimony | ND | F1 | 25.0 | 15.48 | F1 | mg/Kg | | 62 | 75 - 125 | 4 | 20 |
| Selenium | ND | | 25.0 | 22.26 | | mg/Kg | | 89 | 75 - 125 | 4 | 20 |
| Thallium | ND | | 25.0 | 19.48 | | mg/Kg | | 78 | 75 - 125 | 2 | 20 |
| Vanadium | 9.62 | | 25.0 | 32.71 | | mg/Kg | | 92 | 75 - 125 | 1 | 20 |
| Zinc | 33.0 | | 25.0 | 57.52 | | mg/Kg | | 98 | 75 - 125 | 0 | 20 |
| Lead | 11.9 | | 25.0 | 31.58 | | mg/Kg | | 79 | 75 - 125 | 0 | 20 |

**Lab Sample ID: MB 570-159584/1-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Barium | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Beryllium | ND | | 0.251 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Cobalt | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Chromium | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Copper | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Molybdenum | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Nickel | ND | | 0.503 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Vanadium | ND | | 1.01 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |
| Zinc | ND | | 10.1 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: MB 570-159584/1-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.03 | | mg/Kg | | 06/24/21 14:05 | 06/25/21 20:49 | 1 |

**Lab Sample ID: LCS 570-159584/2-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | | | 13.2 | 12.54 | | mg/Kg | | 95 | 80 - 120 | | |
| Arsenic | | | 26.3 | 27.19 | | mg/Kg | | 103 | 80 - 120 | | |
| Barium | | | 26.3 | 29.30 | | mg/Kg | | 111 | 80 - 120 | | |
| Beryllium | | | 26.3 | 26.40 | | mg/Kg | | 100 | 80 - 120 | | |
| Cadmium | | | 26.3 | 27.23 | | mg/Kg | | 103 | 80 - 120 | | |
| Cobalt | | | 26.3 | 27.58 | | mg/Kg | | 105 | 80 - 120 | | |
| Chromium | | | 26.3 | 27.63 | | mg/Kg | | 105 | 80 - 120 | | |
| Copper | | | 26.3 | 28.16 | | mg/Kg | | 107 | 80 - 120 | | |
| Molybdenum | | | 26.3 | 25.43 | | mg/Kg | | 97 | 80 - 120 | | |
| Nickel | | | 26.3 | 28.52 | | mg/Kg | | 108 | 80 - 120 | | |
| Antimony | | | 26.3 | 26.18 | | mg/Kg | | 99 | 80 - 120 | | |
| Selenium | | | 26.3 | 25.30 | | mg/Kg | | 96 | 80 - 120 | | |
| Thallium | | | 26.3 | 26.88 | | mg/Kg | | 102 | 80 - 120 | | |
| Vanadium | | | 26.3 | 27.06 | | mg/Kg | | 103 | 80 - 120 | | |
| Zinc | | | 26.3 | 26.45 | | mg/Kg | | 101 | 80 - 120 | | |
| Lead | | | 26.3 | 25.98 | | mg/Kg | | 99 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-159584/3-A**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | | | 12.8 | 12.56 | | mg/Kg | | 98 | 80 - 120 | 0 | 20 |
| Arsenic | | | 25.6 | 26.40 | | mg/Kg | | 103 | 80 - 120 | 3 | 20 |
| Barium | | | 25.6 | 28.63 | | mg/Kg | | 112 | 80 - 120 | 2 | 20 |
| Beryllium | | | 25.6 | 25.91 | | mg/Kg | | 101 | 80 - 120 | 2 | 20 |
| Cadmium | | | 25.6 | 26.78 | | mg/Kg | | 104 | 80 - 120 | 2 | 20 |
| Cobalt | | | 25.6 | 26.96 | | mg/Kg | | 105 | 80 - 120 | 2 | 20 |
| Chromium | | | 25.6 | 27.12 | | mg/Kg | | 106 | 80 - 120 | 2 | 20 |
| Copper | | | 25.6 | 27.66 | | mg/Kg | | 108 | 80 - 120 | 2 | 20 |
| Molybdenum | | | 25.6 | 25.38 | | mg/Kg | | 99 | 80 - 120 | 0 | 20 |
| Nickel | | | 25.6 | 27.92 | | mg/Kg | | 109 | 80 - 120 | 2 | 20 |
| Antimony | | | 25.6 | 26.00 | | mg/Kg | | 101 | 80 - 120 | 1 | 20 |
| Selenium | | | 25.6 | 24.54 | | mg/Kg | | 96 | 80 - 120 | 3 | 20 |
| Thallium | | | 25.6 | 26.66 | | mg/Kg | | 104 | 80 - 120 | 1 | 20 |
| Vanadium | | | 25.6 | 26.49 | | mg/Kg | | 103 | 80 - 120 | 2 | 20 |
| Zinc | | | 25.6 | 26.06 | | mg/Kg | | 102 | 80 - 120 | 1 | 20 |
| Lead | | | 25.6 | 25.52 | | mg/Kg | | 100 | 80 - 120 | 2 | 20 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62332-22 MS**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.6 | 9.979 | | mg/Kg | | 79 | 75 - 125 |
| Arsenic | ND | | 25.1 | 21.93 | | mg/Kg | | 87 | 75 - 125 |
| Barium | 80.2 | F1 | 25.1 | 96.38 | F1 | mg/Kg | | 64 | 75 - 125 |
| Beryllium | 0.274 | | 25.1 | 20.77 | | mg/Kg | | 82 | 75 - 125 |
| Cadmium | ND | | 25.1 | 20.19 | | mg/Kg | | 79 | 75 - 125 |
| Cobalt | 5.49 | | 25.1 | 24.76 | | mg/Kg | | 77 | 75 - 125 |
| Chromium | 10.5 | | 25.1 | 30.49 | | mg/Kg | | 80 | 75 - 125 |
| Copper | 12.7 | | 25.1 | 32.53 | | mg/Kg | | 79 | 75 - 125 |
| Molybdenum | 0.543 | | 25.1 | 19.68 | | mg/Kg | | 76 | 75 - 125 |
| Nickel | 7.95 | | 25.1 | 27.70 | | mg/Kg | | 79 | 75 - 125 |
| Antimony | ND | F1 | 25.1 | 7.219 | F1 | mg/Kg | | 29 | 75 - 125 |
| Selenium | ND | | 25.1 | 21.22 | | mg/Kg | | 84 | 75 - 125 |
| Thallium | ND | | 25.1 | 18.94 | | mg/Kg | | 75 | 75 - 125 |
| Vanadium | 18.2 | | 25.1 | 38.05 | | mg/Kg | | 79 | 75 - 125 |
| Zinc | 28.4 | F1 | 25.1 | 44.94 | F1 | mg/Kg | | 66 | 75 - 125 |
| Lead | 10.8 | F1 | 25.1 | 27.28 | F1 | mg/Kg | | 65 | 75 - 125 |

**Lab Sample ID: 570-62332-22 MSD**
**Matrix: Solid**
**Analysis Batch: 160312**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159584**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 12.5 | 10.01 | | mg/Kg | | 80 | 75 - 125 | 0 | 20 |
| Arsenic | ND | | 25.0 | 22.13 | | mg/Kg | | 89 | 75 - 125 | 1 | 20 |
| Barium | 80.2 | F1 | 25.0 | 96.54 | F1 | mg/Kg | | 65 | 75 - 125 | 0 | 20 |
| Beryllium | 0.274 | | 25.0 | 21.13 | | mg/Kg | | 83 | 75 - 125 | 2 | 20 |
| Cadmium | ND | | 25.0 | 20.10 | | mg/Kg | | 79 | 75 - 125 | 0 | 20 |
| Cobalt | 5.49 | | 25.0 | 24.75 | | mg/Kg | | 77 | 75 - 125 | 0 | 20 |
| Chromium | 10.5 | | 25.0 | 30.75 | | mg/Kg | | 81 | 75 - 125 | 1 | 20 |
| Copper | 12.7 | | 25.0 | 32.88 | | mg/Kg | | 81 | 75 - 125 | 1 | 20 |
| Molybdenum | 0.543 | | 25.0 | 19.72 | | mg/Kg | | 77 | 75 - 125 | 0 | 20 |
| Nickel | 7.95 | | 25.0 | 27.70 | | mg/Kg | | 79 | 75 - 125 | 0 | 20 |
| Antimony | ND | F1 | 25.0 | 6.170 | F1 | mg/Kg | | 25 | 75 - 125 | 16 | 20 |
| Selenium | ND | | 25.0 | 21.59 | | mg/Kg | | 86 | 75 - 125 | 2 | 20 |
| Thallium | ND | | 25.0 | 19.90 | | mg/Kg | | 80 | 75 - 125 | 5 | 20 |
| Vanadium | 18.2 | | 25.0 | 38.26 | | mg/Kg | | 80 | 75 - 125 | 1 | 20 |
| Zinc | 28.4 | F1 | 25.0 | 45.14 | F1 | mg/Kg | | 67 | 75 - 125 | 0 | 20 |
| Lead | 10.8 | F1 | 25.0 | 26.93 | F1 | mg/Kg | | 64 | 75 - 125 | 1 | 20 |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-159535/1-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/24/21 11:35 | 06/24/21 18:12 | 1 |

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCS 570-159535/2-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.833 | 0.9348 | | mg/Kg | | 112 | 85 - 121 | | |

**Lab Sample ID: LCSD 570-159535/3-A**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.847 | 0.9271 | | mg/Kg | | 109 | 85 - 121 | 1 | 10 |

**Lab Sample ID: 570-62332-1 MS**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.794 | 0.8711 | | mg/Kg | | 99 | 71 - 137 | | |

**Lab Sample ID: 570-62332-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159634**

**Client Sample ID: LV-11-1**
**Prep Type: Total/NA**
**Prep Batch: 159535**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.806 | 0.8483 | | mg/Kg | | 95 | 71 - 137 | 3 | 14 |

**Lab Sample ID: MB 570-159589/1-A**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/24/21 14:15 | 06/24/21 17:01 | 1 |

**Lab Sample ID: LCS 570-159589/2-A**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.820 | 0.7241 | | mg/Kg | | 88 | 85 - 121 | | |

**Lab Sample ID: LCSD 570-159589/3-A**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.847 | 0.7704 | | mg/Kg | | 91 | 85 - 121 | 6 | 10 |

**Lab Sample ID: 570-62332-22 MS**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.806 | 0.7627 | | mg/Kg | | 89 | 71 - 137 | | |

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: 570-62332-22 MSD**
**Matrix: Solid**
**Analysis Batch: 159631**

**Client Sample ID: LV-17-1**
**Prep Type: Total/NA**
**Prep Batch: 159589**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.794 | 0.6971 | | mg/Kg | | 82 | 71 - 137 | 9 | 14 |

## GC/MS VOA

### Prep Batch: 159198

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 5035 | |

### Prep Batch: 159199

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 5035 | |
| 570-62332-2 | LV-11-1-DUP | Total/NA | Solid | 5035 | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 5035 | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 5035 | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 5035 | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 5035 | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 5035 | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 5035 | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 5035 | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 5035 | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 5035 | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 5035 | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 5035 | |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 5035 | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 5035 | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 5035 | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 5035 | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 5035 | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 5035 | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 5035 | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 5035 | |
| 570-62332-38 | LV-18-10-DUP | Total/NA | Solid | 5035 | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 5035 | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 5035 | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159363

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 8260B | 159199 |
| MB 570-159363/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159363/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159363/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Analysis Batch: 159453

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 8260B | 159199 |
| MB 570-159453/10 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159453/7 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159453/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

## GC/MS VOA

### Analysis Batch: 159461

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-2 | LV-11-1-DUP | Total/NA | Solid | 8260B | 159199 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 8260B | 159198 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 8260B | 159199 |
| 570-62332-38 | LV-18-10-DUP | Total/NA | Solid | 8260B | 159199 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 8260B | 159199 |
| MB 570-159461/10 | Method Blank | Total/NA | Solid | 8260B | |
| MB 570-159461/9 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159461/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159461/5 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

## GC VOA

### Prep Batch: 159198

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 5035 | |

### Prep Batch: 159199

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 5035 | |
| 570-62332-2 | LV-11-1-DUP | Total/NA | Solid | 5035 | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 5035 | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 5035 | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 5035 | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 5035 | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 5035 | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 5035 | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 5035 | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 5035 | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 5035 | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 5035 | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 5035 | |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 5035 | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 5035 | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 5035 | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 5035 | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 5035 | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 5035 | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 5035 | |

## GC VOA (Continued)

### Prep Batch: 159199 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 5035 | |
| 570-62332-38 | LV-18-10-DUP | Total/NA | Solid | 5035 | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 5035 | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 5035 | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159497

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-2 | LV-11-1-DUP | Total/NA | Solid | 8015B | 159199 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 8015B | 159199 |
| MB 570-159497/11 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-159497/9 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-159497/10 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 159777

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 8015B | 159198 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-38 | LV-18-10-DUP | Total/NA | Solid | 8015B | 159199 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 8015B | 159199 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 8015B | 159199 |
| MB 570-159777/5 | Method Blank | Total/NA | Solid | 8015B | |
| MB 570-159777/6 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-159777/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-159777/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC Semi VOA

### Prep Batch: 158880

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 3546 | |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 3546 | |

## GC Semi VOA (Continued)

### Prep Batch: 158880 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 3546 | |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 3546 | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 3546 | |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 3546 | |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 3546 | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 3546 | |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 3546 | |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 3546 | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 3546 | |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 3546 | |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 3546 | |
| MB 570-158880/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-158880/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-158880/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62332-21 MS | LV-16-10 | Total/NA | Solid | 3546 | |
| 570-62332-21 MSD | LV-16-10 | Total/NA | Solid | 3546 | |

### Prep Batch: 158883

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 3546 | |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 3546 | |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 3546 | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 3546 | |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 3546 | |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 3546 | |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 3546 | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 3546 | |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 3546 | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 3546 | |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 3546 | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 3546 | |
| 570-62332-39 - DL | LV-10-1 | Total/NA | Solid | 3546 | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 3546 | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 3546 | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 3546 | |
| MB 570-158883/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-158883/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-158883/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62332-32 MS | LV-20-0.5 | Total/NA | Solid | 3546 | |
| 570-62332-32 MSD | LV-20-0.5 | Total/NA | Solid | 3546 | |

## GC Semi VOA

### Analysis Batch: 159041

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 8082 | 158883 |
| MB 570-158883/1-A | Method Blank | Total/NA | Solid | 8082 | 158883 |
| LCS 570-158883/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 158883 |
| LCSD 570-158883/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 158883 |
| 570-62332-32 MS | LV-20-0.5 | Total/NA | Solid | 8082 | 158883 |
| 570-62332-32 MSD | LV-20-0.5 | Total/NA | Solid | 8082 | 158883 |

### Analysis Batch: 159339

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-21 MSD | LV-16-10 | Total/NA | Solid | 8082 | 158880 |

### Analysis Batch: 159506

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-39 - DL | LV-10-1 | Total/NA | Solid | 8082 | 158883 |

### Analysis Batch: 159618

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 8082 | 158880 |

## GC Semi VOA (Continued)

### Analysis Batch: 159618 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 8082 | 158880 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 8082 | 158880 |
| MB 570-158880/1-A | Method Blank | Total/NA | Solid | 8082 | 158880 |
| LCS 570-158880/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 158880 |
| LCSD 570-158880/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 158880 |
| 570-62332-21 MS | LV-16-10 | Total/NA | Solid | 8082 | 158880 |

### Analysis Batch: 159821

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 8015B | 159938 |
| MB 570-159938/1-A | Method Blank | Total/NA | Solid | 8015B | 159938 |
| LCS 570-159938/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 159938 |
| LCSD 570-159938/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 159938 |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 8015B | 159938 |

### Prep Batch: 159938

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 3550C | |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 3550C | |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 3550C | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 3550C | |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 3550C | |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 3550C | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 3550C | |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 3550C | |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 3550C | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 3550C | |

## GC Semi VOA (Continued)

### Prep Batch: 159938 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 3550C | |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 3550C | |
| MB 570-159938/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-159938/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-159938/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 3550C | |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 3550C | |

### Prep Batch: 159943

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 3550C | |
| 570-62332-23 - DL | LV-17-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-24 - DL | LV-17-5 | Total/NA | Solid | 3550C | |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 3550C | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 3550C | |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 3550C | |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 3550C | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 3550C | |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 3550C | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 3550C | |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 3550C | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 3550C | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 3550C | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 3550C | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 3550C | |
| MB 570-159943/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-159943/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-159943/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 3550C | |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 3550C | |

### Analysis Batch: 159991

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-23 - DL | LV-17-2.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-24 - DL | LV-17-5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 8015B | 159943 |

## GC Semi VOA (Continued)

### Analysis Batch: 159991 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 8015B | 159943 |
| MB 570-159943/1-A | Method Blank | Total/NA | Solid | 8015B | 159943 |
| LCS 570-159943/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 159943 |
| LCSD 570-159943/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 159943 |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 8015B | 159943 |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 8015B | 159943 |

### Analysis Batch: 160077

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 8015B | 159938 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 8015B | 159938 |

## Metals

### Prep Batch: 159530

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 3050B | |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 3050B | |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 3050B | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 3050B | |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 3050B | |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 3050B | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 3050B | |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 3050B | |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 3050B | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 3050B | |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 3050B | |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 3050B | |
| MB 570-159530/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-159530/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-159530/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 3050B | |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 3050B | |

### Prep Batch: 159535

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 7471A | |

## Metals (Continued)

### Prep Batch: 159535 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 7471A | |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 7471A | |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 7471A | |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 7471A | |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 7471A | |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 7471A | |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 7471A | |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 7471A | |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 7471A | |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 7471A | |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 7471A | |
| MB 570-159535/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-159535/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-159535/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 7471A | |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 7471A | |

### Prep Batch: 159584

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 3050B | |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 3050B | |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 3050B | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 3050B | |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 3050B | |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 3050B | |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 3050B | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 3050B | |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 3050B | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 3050B | |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 3050B | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 3050B | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 3050B | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 3050B | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 3050B | |
| MB 570-159584/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-159584/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-159584/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 3050B | |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 3050B | |

## Metals

### Prep Batch: 159589

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 7471A | |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 7471A | |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 7471A | |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 7471A | |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 7471A | |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 7471A | |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 7471A | |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 7471A | |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 7471A | |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 7471A | |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 7471A | |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 7471A | |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 7471A | |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 7471A | |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 7471A | |
| MB 570-159589/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-159589/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-159589/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 7471A | |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 7471A | |

### Analysis Batch: 159631

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 7471A | 159589 |
| MB 570-159589/1-A | Method Blank | Total/NA | Solid | 7471A | 159589 |
| LCS 570-159589/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 159589 |
| LCSD 570-159589/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 159589 |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 7471A | 159589 |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 7471A | 159589 |

## Metals

### Analysis Batch: 159634

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 7471A | 159535 |
| MB 570-159535/1-A | Method Blank | Total/NA | Solid | 7471A | 159535 |
| LCS 570-159535/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 159535 |
| LCSD 570-159535/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 159535 |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 7471A | 159535 |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 7471A | 159535 |

### Analysis Batch: 160312

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-3 | LV-11-2.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-4 | LV-11-5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-5 | LV-11-7.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-6 | LV-11-10 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-7 | LV-12-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-8 | LV-12-2.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-9 | LV-12-5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-10 | LV-12-7.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-11 | LV-12-10 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-13 | LV-15-2.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-14 | LV-15-5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-15 | LV-15-7.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-16 | LV-15-10 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-17 | LV-16-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-18 | LV-16-2.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-19 | LV-16-5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-20 | LV-16-7.5 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-21 | LV-16-10 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-22 | LV-17-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-23 | LV-17-2.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-24 | LV-17-5 | Total/NA | Solid | 6010B | 159584 |

## Metals (Continued)

### Analysis Batch: 160312 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-25 | LV-17-7.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-26 | LV-17-10 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-27 | LV-19-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-28 | LV-19-2.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-29 | LV-19-5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-30 | LV-19-7.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-32 | LV-20-0.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-33 | LV-18-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-34 | LV-18-2.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-35 | LV-18-5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-36 | LV-18-7.5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-37 | LV-18-10 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-39 | LV-10-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-40 | LV-10-5 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-41 | LV-10-10 | Total/NA | Solid | 6010B | 159584 |
| MB 570-159530/1-A | Method Blank | Total/NA | Solid | 6010B | 159530 |
| MB 570-159584/1-A | Method Blank | Total/NA | Solid | 6010B | 159584 |
| LCS 570-159530/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 159530 |
| LCS 570-159584/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 159584 |
| LCSD 570-159530/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 159530 |
| LCSD 570-159584/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 159584 |
| 570-62332-1 MS | LV-11-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-1 MSD | LV-11-1 | Total/NA | Solid | 6010B | 159530 |
| 570-62332-22 MS | LV-17-1 | Total/NA | Solid | 6010B | 159584 |
| 570-62332-22 MSD | LV-17-1 | Total/NA | Solid | 6010B | 159584 |

## Client Sample ID: LV-11-1

**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-1

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.829 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 12:41 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.742 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 16:33 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.98 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 06:20 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 20:16 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.95 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 19:41 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:20 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-11-1-DUP

**Date Collected: 06/21/21 07:39**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-2

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.187 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 13:07 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.747 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 16:56 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |

## Client Sample ID: LV-11-2.5

**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-3

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.81 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 06:42 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.10 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 20:34 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 19:47 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-11-2.5

**Date Collected: 06/21/21 07:49**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-3

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:29 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-11-5

**Date Collected: 06/21/21 07:51**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-4

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.327 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 13:34 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.33 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 17:19 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.29 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 07:04 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.19 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 20:53 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.09 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 19:49 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:31 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-11-7.5

**Date Collected: 06/21/21 07:55**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-5

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.28 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 07:25 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.97 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 21:11 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.10 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 19:58 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:33 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-11-10

**Date Collected: 06/21/21 07:56**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-6

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.716 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 13:59 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.529 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 17:43 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.70 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 07:48 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 21:29 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:00 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:34 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-1

**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 8.014 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 14:25 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.494 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 18:06 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.53 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 08:32 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.17 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 21:47 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:02 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:36 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-2.5

**Date Collected: 06/21/21 08:24**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-8**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.61 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 08:54 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.08 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 22:06 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.96 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:04 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:38 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-5

**Date Collected: 06/21/21 08:28**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-9**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.469 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 04:57 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.17 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 18:29 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.49 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 09:16 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 22:24 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.92 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:07 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:40 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-7.5

**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-10**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.02 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 09:38 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-12-7.5

**Date Collected: 06/21/21 08:34**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-10

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.14 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 22:42 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:09 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:42 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-12-10

**Date Collected: 06/21/21 08:36**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-11

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.415 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 05:25 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.516 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 18:53 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.00 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 10:00 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/24/21 23:01 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:11 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:44 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-1

**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-12

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.172 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 05:53 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.044 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 19:16 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-15-1

**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-12

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.48 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 10:22 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159618 | 06/24/21 23:19 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.93 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:13 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:49 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-2.5

**Date Collected: 06/21/21 09:11**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-13

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.00 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 10:44 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 09:45 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.95 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:15 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:51 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-5

**Date Collected: 06/21/21 09:13**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-14

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.552 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 06:20 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.635 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 19:40 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.27 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 11:06 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |

## Client Sample ID: LV-15-5

**Lab Sample ID: 570-62332-14**

**Date Collected: 06/21/21 09:13**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.07 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 10:04 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:17 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:53 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-7.5

**Lab Sample ID: 570-62332-15**

**Date Collected: 06/21/21 09:18**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.60 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 11:27 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.00 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 10:22 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:26 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:55 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-15-10

**Lab Sample ID: 570-62332-16**

**Date Collected: 06/21/21 09:20**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.553 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 06:48 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.207 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 20:03 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.20 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 11:50 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.10 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 10:40 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-15-10

**Date Collected: 06/21/21 09:20**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-16

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3050B | | | 2.02 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:28 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:57 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-16-1

**Date Collected: 06/21/21 09:41**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-17

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.56 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159363 | 06/24/21 07:15 | A1W | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.094 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 18:07 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.46 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159821 | 06/26/21 12:12 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.10 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 10:59 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:30 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 17:59 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-16-2.5

**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-18

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.57 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160077 | 06/26/21 14:12 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 11:17 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:32 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-16-2.5

**Date Collected: 06/21/21 09:48**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-18

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 18:01 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-16-5

**Date Collected: 06/21/21 09:51**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-19

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 13.315 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 14:51 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.803 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 22:36 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.26 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160077 | 06/26/21 14:34 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.96 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 11:35 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:34 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 18:03 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-16-7.5

**Date Collected: 06/21/21 09:57**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-20

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.55 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160077 | 06/26/21 14:55 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 11:54 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:36 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 18:05 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-16-10

**Date Collected: 06/21/21 10:00**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-21

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.788 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 15:18 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.178 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 22:59 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.19 g | 10 mL | 159938 | 06/25/21 15:17 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160077 | 06/26/21 15:17 | UJ3K | ECL 1 |
| | Instrument ID: GC47 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.15 g | 10 mL | 158880 | 06/22/21 09:56 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 13:44 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159530 | 06/24/21 11:25 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:38 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159535 | 06/24/21 11:35 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159634 | 06/24/21 18:06 | VWJ7 | ECL 1 |
| | Instrument ID: HG8 | | | | | | | | | |

## Client Sample ID: LV-17-1

**Date Collected: 06/21/21 10:27**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-22

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.784 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 15:44 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.697 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/24/21 23:23 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.98 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 04:09 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.93 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 21:05 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.96 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 20:56 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:07 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-17-2.5

**Lab Sample ID: 570-62332-23**

**Date Collected: 06/21/21 10:34**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | DL | | 10.04 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | DL | 10 | | | 159991 | 06/27/21 02:50 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.94 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159041 | 06/23/21 21:23 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:03 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:16 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-17-5

**Lab Sample ID: 570-62332-24**

**Date Collected: 06/21/21 10:36**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.997 g | 5 mL | 159198 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 50 | 5 mL | 5 mL | 159461 | 06/24/21 20:05 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.997 g | 5 mL | 159198 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 100 | 5 mL | 5 mL | 159777 | 06/25/21 18:55 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | DL | | 9.97 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | DL | 10 | | | 159991 | 06/27/21 03:12 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.04 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 21:41 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:05 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:18 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-17-7.5

**Lab Sample ID: 570-62332-25**

**Date Collected: 06/21/21 10:38**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.63 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 05:13 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |

## Client Sample ID: LV-17-7.5

**Lab Sample ID: 570-62332-25**

**Date Collected: 06/21/21 10:38**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.03 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 21:59 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:07 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:20 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-17-10

**Lab Sample ID: 570-62332-26**

**Date Collected: 06/21/21 10:44**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.61 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 16:11 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.029 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 18:31 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.67 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 05:35 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.07 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 22:17 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:09 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:22 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-1

**Lab Sample ID: 570-62332-27**

**Date Collected: 06/21/21 11:11**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.942 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 16:37 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.875 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/25/21 00:33 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-19-1

**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-27

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.63 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/27/21 03:34 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.91 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 22:35 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:19 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:24 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-2.5

**Date Collected: 06/21/21 11:17**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-28

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.10 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 06:21 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.01 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 22:53 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:21 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:26 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-5

**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-29

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.101 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 17:03 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.433 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/25/21 00:56 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.25 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 06:42 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-19-5

**Date Collected: 06/21/21 11:19**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-29

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.21 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 23:11 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:23 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:28 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-7.5

**Date Collected: 06/21/21 11:25**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-30

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.96 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 07:03 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.14 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 23:29 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:25 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:30 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-19-10

**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-31

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.076 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 17:29 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.461 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159497 | 06/25/21 01:20 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.63 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 07:24 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.90 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/23/21 23:46 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |

## Client Sample ID: LV-19-10

**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3050B | | | 1.92 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:28 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:31 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-20-0.5

**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.05 g | 10 mL | 158883 | 06/22/21 10:00 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 00:22 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:30 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:33 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-1

**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**

**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.566 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 17:54 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.487 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 mL | 5 mL | 159497 | 06/25/21 01:43 | A9VE | ECL 2 |
| | Instrument ID: GC56 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.84 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 08:08 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.89 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 00:40 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.93 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:32 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:39 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-2.5

**Date Collected: 06/21/21 12:00**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-34

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.18 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 08:30 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 00:58 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:34 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:41 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-5

**Date Collected: 06/21/21 12:02**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-35

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.353 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 18:21 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.646 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 14:34 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.02 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 08:51 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.89 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 01:16 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:36 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:43 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-7.5

**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-36

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.54 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 09:13 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-18-7.5

**Date Collected: 06/21/21 12:10**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-36

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.24 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 01:34 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:39 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:44 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-10

**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-37

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.484 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 18:47 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.807 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 14:58 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.59 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 09:34 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.91 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 01:52 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:48 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:46 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-18-10-DUP

**Date Collected: 06/21/21 12:12**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-38

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 7.761 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 19:14 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.038 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 15:28 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

## Client Sample ID: LV-10-1

**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-39

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.964 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159461 | 06/24/21 19:40 | U4JL | ECL 2 |
| | Instrument ID: GCMSLL | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.21 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 16:48 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.41 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 2 | | | 159991 | 06/26/21 09:55 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.92 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 02:10 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3546 | DL | | 19.92 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | DL | 20 | | | 159506 | 06/25/21 06:04 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:50 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:48 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-10-5

**Date Collected: 06/21/21 13:38**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-40

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.217 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159453 | 06/24/21 13:26 | U4JL | ECL 2 |
| | Instrument ID: GCMSGGG | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.736 g | 5 g | 159199 | 06/23/21 11:19 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 17:19 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.74 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 10:17 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.99 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 02:28 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.95 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:52 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:50 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

## Client Sample ID: LV-10-10

**Date Collected: 06/21/21 13:46**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-41

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.72 g | 5 g | 159199 | 06/23/21 11:22 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159453 | 06/24/21 13:51 | U4JL | ECL 2 |
| | Instrument ID: GCMSGGG | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.581 g | 5 g | 159199 | 06/23/21 11:22 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 mL | 5 mL | 159777 | 06/25/21 17:43 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.45 g | 10 mL | 159943 | 06/25/21 15:39 | N5Y3 | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 159991 | 06/26/21 10:38 | UJ3K | ECL 1 |
| | Instrument ID: GC48 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.12 g | 10 mL | 158883 | 06/22/21 09:59 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159041 | 06/24/21 02:46 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159584 | 06/24/21 14:05 | B4SY | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160312 | 06/25/21 21:54 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159589 | 06/24/21 14:15 | B4SY | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 159631 | 06/24/21 17:52 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-1
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | ECL 2 |
| 8015B | Gasoline Range Organics - (GC) | SW846 | ECL 2 |
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | ECL 1 |
| 8082 | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 7471A | Mercury (CVAA) | SW846 | ECL 1 |
| 3050B | Preparation, Metals | SW846 | ECL 1 |
| 3546 | Microwave Extraction | SW846 | ECL 1 |
| 3550C | Ultrasonic Extraction | SW846 | ECL 1 |
| 5035 | Closed System Purge and Trap | SW846 | ECL 2 |
| 7471A | Preparation, Mercury | SW846 | ECL 1 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62332-1 | LV-11-1 | Solid | 06/21/21 07:39 | 06/21/21 17:10 | |
| 570-62332-2 | LV-11-1-DUP | Solid | 06/21/21 07:39 | 06/21/21 17:10 | |
| 570-62332-3 | LV-11-2.5 | Solid | 06/21/21 07:49 | 06/21/21 17:10 | |
| 570-62332-4 | LV-11-5 | Solid | 06/21/21 07:51 | 06/21/21 17:10 | |
| 570-62332-5 | LV-11-7.5 | Solid | 06/21/21 07:55 | 06/21/21 17:10 | |
| 570-62332-6 | LV-11-10 | Solid | 06/21/21 07:56 | 06/21/21 17:10 | |
| 570-62332-7 | LV-12-1 | Solid | 06/21/21 08:20 | 06/21/21 17:10 | |
| 570-62332-8 | LV-12-2.5 | Solid | 06/21/21 08:24 | 06/21/21 17:10 | |
| 570-62332-9 | LV-12-5 | Solid | 06/21/21 08:28 | 06/21/21 17:10 | |
| 570-62332-10 | LV-12-7.5 | Solid | 06/21/21 08:34 | 06/21/21 17:10 | |
| 570-62332-11 | LV-12-10 | Solid | 06/21/21 08:36 | 06/21/21 17:10 | |
| 570-62332-12 | LV-15-1 | Solid | 06/21/21 09:04 | 06/21/21 17:10 | |
| 570-62332-13 | LV-15-2.5 | Solid | 06/21/21 09:11 | 06/21/21 17:10 | |
| 570-62332-14 | LV-15-5 | Solid | 06/21/21 09:13 | 06/21/21 17:10 | |
| 570-62332-15 | LV-15-7.5 | Solid | 06/21/21 09:18 | 06/21/21 17:10 | |
| 570-62332-16 | LV-15-10 | Solid | 06/21/21 09:20 | 06/21/21 17:10 | |
| 570-62332-17 | LV-16-1 | Solid | 06/21/21 09:41 | 06/21/21 17:10 | |
| 570-62332-18 | LV-16-2.5 | Solid | 06/21/21 09:48 | 06/21/21 17:10 | |
| 570-62332-19 | LV-16-5 | Solid | 06/21/21 09:51 | 06/21/21 17:10 | |
| 570-62332-20 | LV-16-7.5 | Solid | 06/21/21 09:57 | 06/21/21 17:10 | |
| 570-62332-21 | LV-16-10 | Solid | 06/21/21 10:00 | 06/21/21 17:10 | |
| 570-62332-22 | LV-17-1 | Solid | 06/21/21 10:27 | 06/21/21 17:10 | |
| 570-62332-23 | LV-17-2.5 | Solid | 06/21/21 10:34 | 06/21/21 17:10 | |
| 570-62332-24 | LV-17-5 | Solid | 06/21/21 10:36 | 06/21/21 17:10 | |
| 570-62332-25 | LV-17-7.5 | Solid | 06/21/21 10:38 | 06/21/21 17:10 | |
| 570-62332-26 | LV-17-10 | Solid | 06/21/21 10:44 | 06/21/21 17:10 | |
| 570-62332-27 | LV-19-1 | Solid | 06/21/21 11:11 | 06/21/21 17:10 | |
| 570-62332-28 | LV-19-2.5 | Solid | 06/21/21 11:17 | 06/21/21 17:10 | |
| 570-62332-29 | LV-19-5 | Solid | 06/21/21 11:19 | 06/21/21 17:10 | |
| 570-62332-30 | LV-19-7.5 | Solid | 06/21/21 11:25 | 06/21/21 17:10 | |
| 570-62332-31 | LV-19-10 | Solid | 06/21/21 11:27 | 06/21/21 17:10 | |
| 570-62332-32 | LV-20-0.5 | Solid | 06/21/21 11:46 | 06/21/21 17:10 | |
| 570-62332-33 | LV-18-1 | Solid | 06/21/21 11:53 | 06/21/21 17:10 | |
| 570-62332-34 | LV-18-2.5 | Solid | 06/21/21 12:00 | 06/21/21 17:10 | |
| 570-62332-35 | LV-18-5 | Solid | 06/21/21 12:02 | 06/21/21 17:10 | |
| 570-62332-36 | LV-18-7.5 | Solid | 06/21/21 12:10 | 06/21/21 17:10 | |
| 570-62332-37 | LV-18-10 | Solid | 06/21/21 12:12 | 06/21/21 17:10 | |
| 570-62332-38 | LV-18-10-DUP | Solid | 06/21/21 12:12 | 06/21/21 17:10 | |
| 570-62332-39 | LV-10-1 | Solid | 06/21/21 13:36 | 06/21/21 17:10 | |
| 570-62332-40 | LV-10-5 | Solid | 06/21/21 13:38 | 06/21/21 17:10 | |
| 570-62332-41 | LV-10-10 | Solid | 06/21/21 13:46 | 06/21/21 17:10 | |

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

Preservation Codes:
A - HCl M - Hexane
N - EDTA W - pH 4-5
L - EDA Z other (specify)
Other:

570-62332 Chain of Custody

ahydrate

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 1 | LV-11-1 | 6-21-21 | 0739 | G | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1tube |
| 2 | LV-11-1-DUP | | 0739 | | Solid | | | X | | X | | | | 5 | 5VOAs |
| 3 | LV-11-2.5 | | 0749 | | Solid | | | | X | | X | X | X | 1 | 1tube |
| 4 | LV-11-5 | | 0751 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1tube |
| 5 | LV-11-7.5 | | 0755 | | Solid | | | | X | | X | X | X | 1 | 1tube |
| 6 | LV-11-10 | | 0756 | | Solid | | | X | X | X | X | X | X | 6 | 1tube, 5VOAs HOLD VOCs, TPH |
| 7 | LV-12-1 | | 0820 | | Solid | | | X | X | X | X | X | X | 6 | 1tube, 5VOAs |
| 8 | LV-12-2.5 | | 0824 | | Solid | | | | X | | X | X | X | 1 | 1tube |
| 9 | LV-12-5 | | 0828 | | Solid | | | X | X | X | X | X | X | 6 | 1tube, 5VOAs |
| 10 | LV-12-7.5 | | 0834 | | Solid | | | | X | | X | X | X | 1 | 1tube |
| 11 | LV-12-10 | ↓ | 0836 | ↓ | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1tube HOLD VOCs, TPH-g |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 2.4/2.8 2.2/2.6 SCS

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes**

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Preservation Code: | | | | | | | N | N | N | N | N | N | | |
| 12 | LV-15-1 | 6-21-21 | 0904 | G | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |
| 13 | LV-15-2.5 | | 0911 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 14 | LV-15-5 | | 0913 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |
| 15 | LV-15-7.5 | | 0918 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 16 | LV-15-10 | | 0920 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube HOLD VOCs, TPH-g |
| 17 | LV-16-1 | | 0941 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |
| 18 | LV-16-2.5 | | 0948 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 19 | LV-16-5 | | 0951 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |
| 20 | LV-16-7.5 | | 0957 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 21 | LV-16-10 | | 1000 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube HOLD VOCs, TPH-g |
| 22 | LV-17-1 | | 1027 | | Solid | | | X | X | X | X | X | X | 6 | 5VOAs, 1 tube |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks.

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 3 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes**

| | |
|---|---|
| A - HCL | M - Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q Na2SO3 |
| F - MeOH | R - Na2S2O3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V - MCAA |
| K - EDTA | W - pH 4-5 |
| L - EDA | Z other (specify) |

Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 23 | LV-17-2.5 | 6-21-21 | 1034 | G | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 24 | LV-17-5 | | 1036 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 25 | LV-17-7.5 | | 1038 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 26 | LV-17-10 | | 1044 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube HOLD VOCs, TPH-D |
| 27 | LV-19-1 | | 1111 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 28 | LV-19-2.5 | | 1117 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 29 | LV-19-5 | | 1119 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 30 | LV-19-7.5 | | 1125 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 31 | LV-19-10 | | 1127 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube HOLD VOCs, TPH-D |
| 32 | LV-20-0.5 | | 1146 | | Solid | | | | | | X | X | X | 1 | 1 Jar |
| 33 | LV-18-1 | | 1153 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 Jar |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date | Time | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s). | COC No. 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 4 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup.com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 34 | LV-18-2.5 | 6-21-21 | 1200 | G | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 35 | LV-18-5 | | 1202 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 36 | LV-18-7.5 | | 1210 | | Solid | | | | X | | X | X | X | 1 | 1 tube |
| 37 | LV-18-10 | | 1212 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 38 | LV-18-10-DUP | | 1212 | | Solid | | | X | | X | | | | 5 | 5 VOAs |
| 39 | LV-10-1 | | 1336 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 40 | LV-10-5 | | 1338 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 41 | LV-10-10 | | 1346 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan.Dang@eurofinset.com | State of Origin: | Page: Page 5 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes**

| | |
|---|---|
| A - HCL | M - Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q - Na2SO3 |
| F - MeOH | R - Na2S2O3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V MCAA |
| K - EDTA | W - pH 4-5 |
| L - EDA | Z - other (specify) |

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| LV-10-32 | 6-21-21 | 1432 | G | Solid | | | | X | | X | X | X | 1 | 1 Jar HOLD all |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|
| | | | |

| | Date/Time: | Company | | Date/Time: | Company |
|---|---|---|---|---|---|
| Relinquished by: Marius Vilkas | 6-21-21 1600 | Leighton | Received by: | 6-21-2021 16:00 | ECI |
| Relinquished by: | 6-21-2021 17:10 | ECI | Received by: | 6/21/21 1710 | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62332-1

**Login Number: 62332**
**List Number: 1**
**Creator: Patel, Jayesh**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62332-2
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*7/9/2021 5:08:28 PM*
Sheila Luu, Project Mgmt. Assistant
Sheila.Luu@eurofinset.com

Designee for

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 5
Client Sample Results . . . . . 6
QC Sample Results . . . . . 10
QC Association Summary . . . . . 12
Lab Chronicle . . . . . 14
Certification Summary . . . . . 17
Method Summary . . . . . 18
Sample Summary . . . . . 19
Chain of Custody . . . . . 20
Receipt Checklists . . . . . 24

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-62332-2

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
**570-62332-2**

**Comments**
No additional comments.

**Receipt**
The samples were received on 6/21/2021 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.6º C and 2.8º C.

**HPLC/IC**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Client Sample ID: LV-12-1 — Lab Sample ID: 570-62332-7

No Detections.

## Client Sample ID: LV-15-1 — Lab Sample ID: 570-62332-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 22000 | | 390 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-19-1 — Lab Sample ID: 570-62332-27

No Detections.

## Client Sample ID: LV-19-10 — Lab Sample ID: 570-62332-31

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 2200 | | 390 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-20-0.5 — Lab Sample ID: 570-62332-32

No Detections.

## Client Sample ID: LV-18-1 — Lab Sample ID: 570-62332-33

No Detections.

## Client Sample ID: LV-10-1 — Lab Sample ID: 570-62332-39

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent - DL | 73000 | | 2000 | | ug/Kg | 50 | | 7199 | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: Leighton and Associates Inc
Job ID: 570-62332-2
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7199 - Chromium, Hexavalent (IC)

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 22000 | | 390 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 11:52 | 10 |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 2200 | | 390 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:03 | 10 |

Client: Leighton and Associates Inc
Job ID: 570-62332-2
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7199 - Chromium, Hexavalent (IC) - DL

**Client Sample ID: LV-10-1**
**Lab Sample ID: 570-62332-39**
**Date Collected: 06/21/21 13:36**
**Matrix: Solid**
**Date Received: 06/21/21 17:10**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 73000 | | 2000 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 15:19 | 50 |

## Method: 6010B - Metals (ICP) - TCLP

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:20 | 1 |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:27 | 1 |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:29 | 1 |

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:32 | 1 |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:34 | 1 |

**Client Sample ID: LV-10-1**
**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:36 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:36 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62332-2
Project/Site: Rosemead Holding LLC /13111.001

## Method: 6010B - Metals (ICP) - STLC Citrate

**Client Sample ID: LV-12-1**
**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 11:49 | 1 |

**Client Sample ID: LV-15-1**
**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 11:52 | 1 |

**Client Sample ID: LV-19-1**
**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 11:54 | 1 |

**Client Sample ID: LV-19-10**
**Date Collected: 06/21/21 11:27**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 11:57 | 1 |

**Client Sample ID: LV-20-0.5**
**Date Collected: 06/21/21 11:46**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 12:06 | 1 |

**Client Sample ID: LV-18-1**
**Date Collected: 06/21/21 11:53**
**Date Received: 06/21/21 17:10**
**Lab Sample ID: 570-62332-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:16 | 07/09/21 12:09 | 1 |

## Method: 7199 - Chromium, Hexavalent (IC)

**Lab Sample ID: MB 570-162493/1-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 390 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 10:36 | 10 |

**Lab Sample ID: LCS 570-162493/2-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 19900 | 18750 | | ug/Kg | | 94 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162493/3-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 19800 | 18570 | | ug/Kg | | 94 | 80 - 120 | 1 | 20 |

**Lab Sample ID: 570-62332-31 MS**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: LV-19-10**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 2200 | | 19900 | 20970 | | ug/Kg | | 95 | 75 - 125 | | |

**Lab Sample ID: 570-62332-31 MSD**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: LV-19-10**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 2200 | | 19900 | 21550 | | ug/Kg | | 97 | 75 - 125 | 3 | 25 |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: LB 570-162278/1-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Method Blank**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | LB Result | LB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:09 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:09 | 1 |

**Lab Sample ID: LCS 570-162278/2-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 5.614 | | mg/L | | 112 | 80 - 120 | | |
| Chromium | | | 5.00 | 5.479 | | mg/L | | 110 | 80 - 120 | | |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCSD 570-162278/3-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 5.614 | | mg/L | | 112 | 80 - 120 | 0 | 20 |
| Chromium | | | 5.00 | 5.471 | | mg/L | | 109 | 80 - 120 | 0 | 20 |

**Lab Sample ID: 570-62332-7 MS**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: LV-12-1**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | 5.283 | | mg/L | | 105 | 84 - 120 | | |
| Chromium | ND | | 5.00 | 5.307 | | mg/L | | 106 | 86 - 122 | | |

**Lab Sample ID: 570-62332-7 MSD**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: LV-12-1**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | 5.356 | | mg/L | | 106 | 84 - 120 | 1 | 7 |
| Chromium | ND | | 5.00 | 5.383 | | mg/L | | 108 | 86 - 122 | 1 | 8 |

**Lab Sample ID: LB4 570-162303/1-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Method Blank**
**Prep Type: STLC Citrate**
**Prep Batch: 162656**

| Analyte | LB4 Result | LB4 Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:15 | 07/09/21 10:58 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:15 | 07/09/21 10:58 | 1 |

**Lab Sample ID: LCS 570-162303/2-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample**
**Prep Type: STLC Citrate**
**Prep Batch: 162656**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 4.842 | | mg/L | | 97 | 80 - 120 | | |
| Chromium | | | 5.00 | 4.796 | | mg/L | | 96 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162303/3-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: STLC Citrate**
**Prep Batch: 162656**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 4.944 | | mg/L | | 99 | 80 - 120 | 2 | 20 |
| Chromium | | | 5.00 | 4.866 | | mg/L | | 97 | 80 - 120 | 1 | 20 |

# QC Association Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## HPLC/IC

### Prep Batch: 162493

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 3060A | |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 3060A | |
| 570-62332-39 - DL | LV-10-1 | Total/NA | Solid | 3060A | |
| MB 570-162493/1-A | Method Blank | Total/NA | Solid | 3060A | |
| LCS 570-162493/2-A | Lab Control Sample | Total/NA | Solid | 3060A | |
| LCSD 570-162493/3-A | Lab Control Sample Dup | Total/NA | Solid | 3060A | |
| 570-62332-31 MS | LV-19-10 | Total/NA | Solid | 3060A | |
| 570-62332-31 MSD | LV-19-10 | Total/NA | Solid | 3060A | |

### Analysis Batch: 162597

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-12 | LV-15-1 | Total/NA | Solid | 7199 | 162493 |
| 570-62332-31 | LV-19-10 | Total/NA | Solid | 7199 | 162493 |
| 570-62332-39 - DL | LV-10-1 | Total/NA | Solid | 7199 | 162493 |
| MB 570-162493/1-A | Method Blank | Total/NA | Solid | 7199 | 162493 |
| LCS 570-162493/2-A | Lab Control Sample | Total/NA | Solid | 7199 | 162493 |
| LCSD 570-162493/3-A | Lab Control Sample Dup | Total/NA | Solid | 7199 | 162493 |
| 570-62332-31 MS | LV-19-10 | Total/NA | Solid | 7199 | 162493 |
| 570-62332-31 MSD | LV-19-10 | Total/NA | Solid | 7199 | 162493 |

## Metals

### Leach Batch: 162278

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | TCLP | Solid | 1311 | |
| 570-62332-12 | LV-15-1 | TCLP | Solid | 1311 | |
| 570-62332-27 | LV-19-1 | TCLP | Solid | 1311 | |
| 570-62332-32 | LV-20-0.5 | TCLP | Solid | 1311 | |
| 570-62332-33 | LV-18-1 | TCLP | Solid | 1311 | |
| 570-62332-39 | LV-10-1 | TCLP | Solid | 1311 | |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 1311 | |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 1311 | |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 1311 | |
| 570-62332-7 MS | LV-12-1 | TCLP | Solid | 1311 | |
| 570-62332-7 MSD | LV-12-1 | TCLP | Solid | 1311 | |

### Leach Batch: 162303

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-12 | LV-15-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-27 | LV-19-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-31 | LV-19-10 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-32 | LV-20-0.5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62332-33 | LV-18-1 | STLC Citrate | Solid | CA WET Citrate | |
| LB4 570-162303/1-B | Method Blank | STLC Citrate | Solid | CA WET Citrate | |
| LCS 570-162303/2-B | Lab Control Sample | STLC Citrate | Solid | CA WET Citrate | |
| LCSD 570-162303/3-B | Lab Control Sample Dup | STLC Citrate | Solid | CA WET Citrate | |

### Prep Batch: 162656

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | STLC Citrate | Solid | Dilution | 162303 |

## Metals (Continued)

### Prep Batch: 162656 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-12 | LV-15-1 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62332-27 | LV-19-1 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62332-31 | LV-19-10 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62332-32 | LV-20-0.5 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62332-33 | LV-18-1 | STLC Citrate | Solid | Dilution | 162303 |
| LB4 570-162303/1-B | Method Blank | STLC Citrate | Solid | Dilution | 162303 |
| LCS 570-162303/2-B | Lab Control Sample | STLC Citrate | Solid | Dilution | 162303 |
| LCSD 570-162303/3-B | Lab Control Sample Dup | STLC Citrate | Solid | Dilution | 162303 |

### Prep Batch: 162748

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-12 | LV-15-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-27 | LV-19-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-32 | LV-20-0.5 | TCLP | Solid | 3010A | 162278 |
| 570-62332-33 | LV-18-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-39 | LV-10-1 | TCLP | Solid | 3010A | 162278 |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 3010A | 162278 |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 3010A | 162278 |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 3010A | 162278 |
| 570-62332-7 MS | LV-12-1 | TCLP | Solid | 3010A | 162278 |
| 570-62332-7 MSD | LV-12-1 | TCLP | Solid | 3010A | 162278 |

### Analysis Batch: 163051

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-7 | LV-12-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-12 | LV-15-1 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-12 | LV-15-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-27 | LV-19-1 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-27 | LV-19-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-31 | LV-19-10 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-32 | LV-20-0.5 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-32 | LV-20-0.5 | TCLP | Solid | 6010B | 162748 |
| 570-62332-33 | LV-18-1 | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-33 | LV-18-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-39 | LV-10-1 | TCLP | Solid | 6010B | 162748 |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 6010B | 162748 |
| LB4 570-162303/1-B | Method Blank | STLC Citrate | Solid | 6010B | 162656 |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 6010B | 162748 |
| LCS 570-162303/2-B | Lab Control Sample | STLC Citrate | Solid | 6010B | 162656 |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 6010B | 162748 |
| LCSD 570-162303/3-B | Lab Control Sample Dup | STLC Citrate | Solid | 6010B | 162656 |
| 570-62332-7 MS | LV-12-1 | TCLP | Solid | 6010B | 162748 |
| 570-62332-7 MSD | LV-12-1 | TCLP | Solid | 6010B | 162748 |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Client Sample ID: LV-12-1

**Date Collected: 06/21/21 08:20**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 50.03 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 11:49 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |
| TCLP | Leach | 1311 | | | 99.98 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:20 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

## Client Sample ID: LV-15-1

**Date Collected: 06/21/21 09:04**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-12

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.54 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 11:52 | URMH | ECL 1 |
| | Instrument ID: | IC17 | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 50.00 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 11:52 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |
| TCLP | Leach | 1311 | | | 100.01 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:27 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

## Client Sample ID: LV-19-1

**Date Collected: 06/21/21 11:11**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-27

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 49.99 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 11:54 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |
| TCLP | Leach | 1311 | | | 100.03 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:29 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Client Sample ID: LV-19-10

**Lab Sample ID: 570-62332-31**

**Date Collected: 06/21/21 11:27**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.55 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:03 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 49.97 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 11:57 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |

## Client Sample ID: LV-20-0.5

**Lab Sample ID: 570-62332-32**

**Date Collected: 06/21/21 11:46**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 49.95 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 12:06 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |
| TCLP | Leach | 1311 | | | 100.02 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:32 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |

## Client Sample ID: LV-18-1

**Lab Sample ID: 570-62332-33**

**Date Collected: 06/21/21 11:53**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 49.99 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162656 | 07/08/21 09:16 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 12:09 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |
| TCLP | Leach | 1311 | | | 99.97 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:34 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |

## Client Sample ID: LV-10-1

**Lab Sample ID: 570-62332-39**

**Date Collected: 06/21/21 13:36**

**Matrix: Solid**

**Date Received: 06/21/21 17:10**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | DL | | 2.50 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | DL | 50 | | | 162597 | 07/08/21 15:19 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

## Client Sample ID: LV-10-1

**Date Collected: 06/21/21 13:36**
**Date Received: 06/21/21 17:10**

## Lab Sample ID: 570-62332-39

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| TCLP | Leach | 1311 | | | 99.95 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:36 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62332-2
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 7199 | Chromium, Hexavalent (IC) | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 1311 | TCLP Extraction | SW846 | ECL 3 |
| 3010A | Preparation, Total Metals | SW846 | ECL 1 |
| 3060A | Alkaline Digestion (Chromium, Hexavalent) | SW846 | ECL 1 |
| CA WET Citrate | California - Waste Extraction Test with Citrate Leach | CA-WET | ECL 3 |
| Dilution | Preparation / Dilution Process | None | ECL 1 |

**Protocol References:**

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62332-2

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62332-7 | LV-12-1 | Solid | 06/21/21 08:20 | 06/21/21 17:10 | |
| 570-62332-12 | LV-15-1 | Solid | 06/21/21 09:04 | 06/21/21 17:10 | |
| 570-62332-27 | LV-19-1 | Solid | 06/21/21 11:11 | 06/21/21 17:10 | |
| 570-62332-31 | LV-19-10 | Solid | 06/21/21 11:27 | 06/21/21 17:10 | |
| 570-62332-32 | LV-20-0.5 | Solid | 06/21/21 11:46 | 06/21/21 17:10 | |
| 570-62332-33 | LV-18-1 | Solid | 06/21/21 11:53 | 06/21/21 17:10 | |
| 570-62332-39 | LV-10-1 | Solid | 06/21/21 13:36 | 06/21/21 17:10 | |

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s) | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | Analysis Requested | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | Preservation Codes: |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

570-62332 Chain of Custody

Other: Please Perform: 7/1/21 - Added Analyses Standard TAT Vilkas

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for CA WET & TCLP for Pb | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | N | N | N | N | N | N | | | |
| 1 | LV-11-1 | 6-21-21 | 0739 | G | Solid | | X | X | X | X | X | X | | 6 | 5VOAs, 1tube |
| 2 | LV-11-1-DUP | | 0739 | | Solid | | X | | X | | | | | 5 | 5VOAs |
| 3 | LV-11-2.5 | | 0749 | | Solid | | | X | | X | X | X | | 1 | 1 tube |
| 4 | LV-11-5 | | 0751 | | Solid | | X | X | X | X | X | X | | 6 | 5VOAs, 1tube |
| 5 | LV-11-7.5 | | 0755 | | Solid | | | X | | X | X | X | | 1 | 1 tube |
| 6 | LV-11-10 | | 0756 | | Solid | | X | X | X | X | X | X | | 6 | 1tube, 5VOAs HOLD VOCs, TPHs |
| 7 | LV-12-1 | | 0820 | | Solid | | X | X | X | X | X | X | ⊗ | 6 | 1tube, 5VOAs |
| 8 | LV-12-2.5 | | 0824 | | Solid | | | X | | X | X | X | | 1 | 1 tube |
| 9 | LV-12-5 | | 0828 | | Solid | | X | X | X | X | X | X | | 6 | 1tube, 5VOAs |
| 10 | LV-12-7.5 | | 0834 | | Solid | | | X | | X | X | X | | 1 | 1tube |
| 11 | LV-12-10 | | 0836 | | Solid | | X | X | X | X | X | X | | 6 | 5VOAs, 1tube HOLD VOCs, TPHs |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal** ( A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 2.4/2.8 2.2/2.6 SCS

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| | | | | |
|---|---|---|---|---|
| **Client Information** | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)

Other: Please Perform 7-1-21: Added Analyses

Special Instructions/Note: Standard TAT — VILKAS

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 8010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for CAM17 for CC | Analyze for TCLP for Pb | Analyze for Cr +6 | | | Total Number of containers | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | | | | | | |
| 12 | LV-15-1 | 6-21-21 | 0904 | G | Solid | | | X | X | X | X | X | X | ⊗ | ⊗ | ⊗ | | | 6 | 5VOAs, 1tube |
| 13 | LV-15-2.5 | | 0911 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1tube |
| 14 | LV-15-5 | | 0913 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube |
| 15 | LV-15-7.5 | | 0918 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 16 | LV-15-10 | | 0920 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube HOLD VOCs, TPH-g |
| 17 | LV-16-1 | | 0941 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube |
| 18 | LV-16-2.5 | | 0948 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 19 | LV-16-5 | | 0951 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube |
| 20 | LV-16-7.5 | | 0957 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 21 | LV-16-10 | | 1000 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube HOLD VOCs, TPHg |
| 22 | LV-17-1 | | 1027 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5VOAs, 1tube |

*Possible Hazard Identification*: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

*Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| | | | | | |
|---|---|---|---|---|---|
| Empty Kit Relinquished by: | Date | Time: | Method of Shipment: | | |
| Relinquished by: Marius Vilkas | Date/Time: 6-21-21 1600 | Company: Leighton | Received by: | Date/Time: 6-21-2021 16:00 | Company: E CI |
| Relinquished by: | Date/Time: 6-21-2021 17:10 | Company: E CI | Received by: | Date/Time: 6/21/21 1710 | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| Custody Seals Intact: Δ Yes Δ No | Custody Seal No. | | Cooler Temperature(s) °C and Other Remarks | | |

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726 1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 3 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z other (specify)

Other: Please Perform: 7-1-21: Added Analyses Standard TAT Marius Vilkas

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8016B GRO (C4-C12) / 8015 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for CA WET TCLP for Pb | Analyze for CA WET for Cr | Analyze for Cr+6 | | | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Preservation Code: | | | | | | | N | N | N | N | N | N | | | | | | | |
| 23 | LV-17-2.5 | 6-21-21 | 1034 | G | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 24 | LV-17-5 | | 1036 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5 VOAs, 1 tube |
| 25 | LV-17-7.5 | | 1038 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 26 | LV-17-10 | | 1044 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5 VOAs, 1 tube HOLD VOCs, TPH |
| 27 | LV-19-1 | | 1111 | | Solid | | | X | X | X | X | X | X | X | | | | | 6 | 5 VOAs, 1 tube |
| 28 | LV-19-2.5 | | 1117 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 29 | LV-19-5 | | 1119 | | Solid | | | X | X | X | X | X | X | | | | | | 6 | 5 VOAs, 1 tube |
| 30 | LV-19-7.5 | | 1125 | | Solid | | | | X | | X | X | X | | | | | | 1 | 1 tube |
| 31 | LV-19-10 | | 1127 | | Solid | | | X | X | X | X | X | X | | X | X | | | 6 | 5 VOAs, 1 tube HOLD VOCs, TPH |
| 32 | LV-20-0.5 | | 1146 | | Solid | | | | | | X | X | X | X | | | | | 1 | 1 Jar |
| 33 | LV-18-1 | | 1153 | | Solid | | | X | X | X | X | X | X | X | | | | | 6 | 5 VOAs, 1 Jar |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date | Time | Method of Shipment: |
|---|---|---|---|
| | | | |

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | Date/Time: | Company | Received by | Date/Time | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 1 of 5 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup.com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)

Other: Please Perform

7-1-21: Added Analyses Standard TAT V. Vilkas

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=wastefoil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for TCLP for Cr | Analyze for Cr+6 | Analyze for TCLP for Pb | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | N | N | N | N | N | N | | | | | |
| 34 | LV-18-2.5 | 6-21-21 | 1200 | G | Solid | | | X | | X | X | X | | | | 1 | 1 tube |
| 35 | LV-18-5 | | 1202 | | Solid | | X | X | X | X | X | X | | | | 6 | 5 VOAs, 1 tube |
| 36 | LV-18-7.5 | | 1210 | | Solid | | | X | | X | X | X | | | | 1 | 1 tube |
| 37 | LV-18-10 | | 1212 | | Solid | | X | X | X | X | X | X | | | | 6 | 5 VOAs, 1 tube |
| 38 | LV-18-10-DUP | | 1212 | | Solid | | X | | X | | | | | | | 5 | 5 VOAs |
| 39 | LV-10-1 | | 1336 | | Solid | | X | X | X | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 40 | LV-10-5 | | 1338 | | Solid | | X | X | X | X | X | X | | | | 6 | 5 VOAs, 1 tube |
| 41 | LV-10-10 | | 1346 | | Solid | | X | X | X | X | X | X | | | | 6 | 5 VOAs, 1 tube |
| | | | | | Solid | | | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | | | |
| | | | | | Solid | | | | | | | | | | | | |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-21-21 1600 | Leighton | | 6-21-2021 16:00 | ECI |
| 2 | | 6-21-2021 17:10 | ECI | | 6/21/21 1710 | |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62332-2

**Login Number: 62332**
**List Number: 1**
**Creator: Patel, Jayesh**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62513-1
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*6/29/2021 5:54:28 PM*

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Detection Summary . . . . . 4
Client Sample Results . . . . . 10
Surrogate Summary . . . . . 74
QC Sample Results . . . . . 77
QC Association Summary . . . . . 94
Lab Chronicle . . . . . 101
Certification Summary . . . . . 112
Method Summary . . . . . 113
Sample Summary . . . . . 114
Chain of Custody . . . . . 115
Receipt Checklists . . . . . 118

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| S1- | Surrogate recovery exceeds control limits, low biased. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| L | A negative instrument reading had an absolute value greater than the reporting limit |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-9-1 — Lab Sample ID: 570-62513-1

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 29 | | 14 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 3.2 | | 0.70 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.9 | | 0.70 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.9 | | 0.70 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 - RA | 51 | | 25 | | mg/Kg | 5 | | 8015B | Total/NA |
| C23-C40 - RA | 880 | | 25 | | mg/Kg | 5 | | 8015B | Total/NA |
| Aroclor-1248 | 250 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Aroclor-1254 | 720 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 144 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.537 | | 0.244 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.40 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 27.6 | F1 | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 14.2 | F1 | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 49.5 | F1 | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 23.1 | F1 | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 47.2 | F1 | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 8.62 | F1 | 4.88 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-9-5 — Lab Sample ID: 570-62513-2

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 35 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 4.5 | | 0.88 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 4.6 | | 0.88 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 5.7 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 30.0 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 121 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.348 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.58 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.9 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 13.9 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 986 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 9.86 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 24.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 1210 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 93.1 | | 5.00 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-9-10 — Lab Sample ID: 570-62513-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 3.4 | | 0.79 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 6.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 87.2 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.445 | | 0.263 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 14.6 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 66.4 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 27.4 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 67.3 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 35.6 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 32.8 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-9-10-DUP
## Lab Sample ID: 570-62513-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 17 | | 15 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.2 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 3.4 | | 0.74 | | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: LV-7-1
## Lab Sample ID: 570-62513-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 3.5 | | 1.6 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 56 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.8 | | 0.82 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.6 | | 0.82 | | ug/Kg | 1 | | 8260B | Total/NA |
| Gasoline Range Organics (C4-C12) | 6.9 | | 1.7 | | mg/Kg | 20 | | 8015B | Total/NA |
| C13-C22 | 3900 | | 250 | | mg/Kg | 50 | | 8015B | Total/NA |
| C23-C40 | 13000 | | 250 | | mg/Kg | 50 | | 8015B | Total/NA |
| Aroclor-1260 | 73 | | 50 | | ug/Kg | 1 | | 8082 | Total/NA |
| Barium | 56.5 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.343 | | 0.258 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 11.3 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 51.3 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 21.9 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 48.2 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 31.0 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 19.6 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-7-5
## Lab Sample ID: 570-62513-6

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 19 | | 17 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 4.1 | | 0.86 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 3.1 | | 0.86 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 8.5 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 40.2 | | 2.55 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 157 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.430 | | 0.255 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cadmium | 1.97 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 16.5 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 18.5 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 1250 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 12.5 | | 0.510 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 30.8 | | 1.02 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 1770 | | 10.2 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 109 | | 5.10 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-7-10
## Lab Sample ID: 570-62513-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 8.9 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 102 | | 0.505 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.717 | | 0.253 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 21.9 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 109 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 34.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-7-10 (Continued) — Lab Sample ID: 570-62513-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Nickel | 97.8 | | 0.505 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 68.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 38.2 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-3-1 — Lab Sample ID: 570-62513-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 0.90 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 37 | | 13 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.4 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| cis-1,2-Dichloroethene | 2.5 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 5.4 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.2 | | 0.63 | | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 15 | | 1.3 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 360 | | 50 | | mg/Kg | 10 | | 8015B | Total/NA |
| Barium | 110 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.560 | | 0.251 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 22.0 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 89.6 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 33.9 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 106 | | 0.503 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 41.8 | | 1.01 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 43.9 | | 10.1 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.431 | | 0.0806 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-3-5 — Lab Sample ID: 570-62513-9

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 1.0 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Acetone | 21 | | 17 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 3.5 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.8 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 2.8 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Trichloroethene | 3.7 | | 1.7 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 7.2 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 88.4 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.493 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 14.8 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 67.5 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 22.9 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 69.0 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 43.0 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 30.7 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-3-10 — Lab Sample ID: 570-62513-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 57 | | 19 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 5.6 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 71.1 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.479 | | 0.256 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 17.8 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-3-10 (Continued)
## Lab Sample ID: 570-62513-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | 80.7 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 28.3 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 82.0 | | 0.513 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 44.2 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 32.4 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-3-10-DUP
## Lab Sample ID: 570-62513-11

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 39 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| m,p-Xylene | 2.0 | | 1.8 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 4.4 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |
| Xylenes, Total | 2.0 | | 1.8 | | ug/Kg | 1 | | 8260B | Total/NA |

## Client Sample ID: LV-2-1
## Lab Sample ID: 570-62513-12

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 22 | | 17 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.7 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.5 | | 0.83 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 9.4 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 33 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 51.7 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.345 | | 0.240 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.73 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 8.22 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.92 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.40 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 17.6 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 22.4 | | 9.62 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-2-5
## Lab Sample ID: 570-62513-13

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 37 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.9 | | 0.91 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.4 | | 0.91 | | ug/Kg | 1 | | 8260B | Total/NA |
| Arsenic | 4.84 | | 2.63 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 25.4 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.66 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.58 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 2.47 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 3.88 | | 0.526 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.13 | | 1.05 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 12.0 | | 10.5 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-2-10
## Lab Sample ID: 570-62513-14

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 8.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 52.1 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.254 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 8.55 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-2-10 (Continued)

## Lab Sample ID: 570-62513-14

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | 7.09 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 5.45 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.15 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 13.3 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 18.9 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-2-15

## Lab Sample ID: 570-62513-15

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 8.1 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 36.9 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.38 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 5.41 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 5.13 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 4.61 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 10.8 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 14.6 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-2-20

## Lab Sample ID: 570-62513-16

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 5.6 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 7.9 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 85.1 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.82 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.32 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 2.18 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 1.57 | | 0.488 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 12.4 | | 0.976 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 14.4 | | 9.76 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-6-1

## Lab Sample ID: 570-62513-17

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 34 | | 21 | | ug/Kg | 1 | | 8260B | Total/NA |
| C13-C22 | 9.3 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 57 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 2.40 | | 2.40 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 15.2 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 0.991 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.47 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 1.13 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 1.54 | | 0.481 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 3.35 | | 0.962 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.116 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-6-5

## Lab Sample ID: 570-62513-18

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 18 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 2.2 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 7.7 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.0 | | 0.90 | | ug/Kg | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-6-5 (Continued) — Lab Sample ID: 570-62513-18

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 7.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 13.7 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 1.95 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 1.05 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 2.42 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-6-10 — Lab Sample ID: 570-62513-19

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 1.8 | | 0.80 | | ug/Kg | 1 | | 8260B | Total/NA |
| Arsenic | 3.60 | | 2.49 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 11.7 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 1.17 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 3.04 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 1.22 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 1.97 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 4.08 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.165 | | 0.0806 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-6-15 — Lab Sample ID: 570-62513-20

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 12 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 14 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 86.8 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.451 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 6.37 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 12.3 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.25 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 10.4 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 22.5 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 31.4 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-6-15-DUP — Lab Sample ID: 570-62513-21

No Detections.

## Client Sample ID: LV-6-20 — Lab Sample ID: 570-62513-22

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 61.1 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.318 | | 0.258 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.08 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.3 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 6.26 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 7.26 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 18.5 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 23.9 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.123 | | 0.0847 | | mg/Kg | 1 | | 7471A | Total/NA |

This Detection Summary does not include radiochemical test results.

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1-Dichloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1-Dichloroethene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,1-Dichloropropene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dibromoethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dichloroethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,2-Dichloropropane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,3-Dichloropropane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 2,2-Dichloropropane | ND | | 3.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 2-Butanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 2-Chlorotoluene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 2-Hexanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 4-Chlorotoluene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| 4-Methyl-2-pentanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| **Acetone** | **29** | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| **Benzene** | **3.2** | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromochloromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromodichloromethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromoform | ND | | 3.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Bromomethane | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Carbon disulfide | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Carbon tetrachloride | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Chlorobenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Chloroethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Chloroform | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Chloromethane | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Dibromochloromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Dibromomethane | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Dichlorodifluoromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Ethanol | ND | | 170 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Ethylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| m,p-Xylene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Methylene Chloride | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Naphthalene | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| n-Butylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| N-Propylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| o-Xylene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| p-Isopropyltoluene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| sec-Butylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Styrene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| tert-Butylbenzene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| **Tetrachloroethene** | **1.9** | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| **Toluene** | **2.9** | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Trichloroethene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Trichlorofluoromethane | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Vinyl acetate | ND | | 7.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Vinyl chloride | ND | | 0.70 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |
| Xylenes, Total | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 16:19* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 16:19* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 16:19* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 16:19* | *1* |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1-Dichloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2-Dibromoethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,2-Dichloroethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,3-Dichloropropane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 2,2-Dichloropropane | ND | | 4.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 2-Chlorotoluene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 4-Chlorotoluene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| **Acetone** | **35** | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| **Benzene** | **4.5** | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromodichloromethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromoform | ND | | 4.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Carbon disulfide | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Carbon tetrachloride | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Chlorobenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Chloroform | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Dibromomethane | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Ethylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Isopropylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Methylene Chloride | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Naphthalene | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| n-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| o-Xylene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| p-Isopropyltoluene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| sec-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Styrene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| tert-Butylbenzene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Tetrachloroethene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| **Toluene** | **4.6** | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Trichlorofluoromethane | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Vinyl acetate | ND | | 8.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Vinyl chloride | ND | | 0.88 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 16:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 16:47* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 16:47* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 16:47* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 16:47* | *1* |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dibromoethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dichloroethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,2-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,3-Dichloropropane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 2-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 4-Chlorotoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Benzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Bromobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Bromodichloromethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Carbon disulfide | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Carbon tetrachloride | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Chlorobenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Chloroform | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Dibromomethane | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Ethylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Isopropylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Methylene Chloride | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Naphthalene | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| n-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| o-Xylene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| p-Isopropyltoluene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| sec-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Styrene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| tert-Butylbenzene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| **Tetrachloroethene** | **3.4** | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Toluene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Trichlorofluoromethane | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Vinyl acetate | ND | | 7.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Vinyl chloride | ND | | 0.79 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 17:16* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 17:16* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 17:16* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 17:16* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-9-10-DUP**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,1-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dibromoethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dichloroethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,2-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,3-Dichloropropane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 2,2-Dichloropropane | ND | | 3.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 2-Butanone | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 2-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 2-Hexanone | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 4-Chlorotoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| 4-Methyl-2-pentanone | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| **Acetone** | **17** | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| **Benzene** | **2.2** | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromodichloromethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromoform | ND | | 3.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Bromomethane | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Carbon disulfide | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Carbon tetrachloride | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Chlorobenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Chloroethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Chloroform | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Chloromethane | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Dibromochloromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Dibromomethane | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Dichlorodifluoromethane | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Ethanol | ND | | 180 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Ethylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-9-10-DUP**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| m,p-Xylene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Methylene Chloride | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Naphthalene | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| n-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| N-Propylbenzene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| o-Xylene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| p-Isopropyltoluene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| sec-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Styrene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 15 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| tert-Butylbenzene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| **Tetrachloroethene** | **3.4** | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Toluene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Trichloroethene | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Trichlorofluoromethane | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Vinyl acetate | ND | | 7.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Vinyl chloride | ND | | 0.74 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |
| Xylenes, Total | ND | | 1.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 17:43* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 17:43* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 17:43* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 17:43* | *1* |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1-Dichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| **1,2,4-Trimethylbenzene** | **3.5** | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2-Dibromoethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,2-Dichloroethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,3-Dichloropropane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 2-Chlorotoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 4-Chlorotoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| **Acetone** | **56** | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| **Benzene** | **1.8** | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromodichloromethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Carbon disulfide | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Carbon tetrachloride | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Chlorobenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Chloroform | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Dibromomethane | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Ethylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Isopropylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Methylene Chloride | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Naphthalene | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| n-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| o-Xylene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| p-Isopropyltoluene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| sec-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Styrene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| tert-Butylbenzene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Tetrachloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| **Toluene** | **1.6** | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Trichlorofluoromethane | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Vinyl acetate | ND | | 8.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Vinyl chloride | ND | | 0.82 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:12* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:12* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:12* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:12* | *1* |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1-Dichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dibromoethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dichloroethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,2-Dichloropropane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,3-Dichloropropane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 2,2-Dichloropropane | ND | | 4.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 2-Chlorotoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 4-Chlorotoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| **Acetone** | **19** | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| **Benzene** | **4.1** | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Bromobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Bromodichloromethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Carbon disulfide | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Carbon tetrachloride | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Chlorobenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Chloroform | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Dibromomethane | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Ethylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Isopropylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Methylene Chloride | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Naphthalene | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| n-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| o-Xylene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| p-Isopropyltoluene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| sec-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Styrene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| tert-Butylbenzene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Tetrachloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| **Toluene** | **3.1** | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Trichlorofluoromethane | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Vinyl acetate | ND | | 8.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Vinyl chloride | ND | | 0.86 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:40* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:40* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:40* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:40* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1-Dichloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1-Dichloroethene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,1-Dichloropropene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dibromoethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dichloroethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,2-Dichloropropane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,3-Dichloropropane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 2,2-Dichloropropane | ND | | 3.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 2-Butanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 2-Chlorotoluene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 2-Hexanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 4-Chlorotoluene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| 4-Methyl-2-pentanone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Acetone | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Benzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromochloromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromodichloromethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromoform | ND | | 3.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Bromomethane | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Carbon disulfide | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Carbon tetrachloride | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Chlorobenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Chloroethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Chloroform | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Chloromethane | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Dibromochloromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Dibromomethane | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Dichlorodifluoromethane | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Ethanol | ND | | 180 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Ethylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| m,p-Xylene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Methylene Chloride | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Naphthalene | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| n-Butylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| N-Propylbenzene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| o-Xylene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| p-Isopropyltoluene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| sec-Butylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Styrene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 14 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| tert-Butylbenzene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Tetrachloroethene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Toluene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Trichloroethene | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Trichlorofluoromethane | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Vinyl acetate | ND | | 7.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Vinyl chloride | ND | | 0.72 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |
| Xylenes, Total | ND | | 1.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 19:09* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:09* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 19:09* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:09* | *1* |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **1,1-Dichloroethane** | **0.90** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1-Dichloroethene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,1-Dichloropropene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2-Dibromoethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,2-Dichloroethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,3-Dichloropropane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 2,2-Dichloropropane | ND | | 3.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 2-Butanone | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 2-Chlorotoluene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 2-Hexanone | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 4-Chlorotoluene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| 4-Methyl-2-pentanone | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Acetone** | **37** | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Benzene** | **1.4** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromochloromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromodichloromethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromoform | ND | | 3.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Bromomethane | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Carbon disulfide | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Carbon tetrachloride | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Chlorobenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Chloroethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Chloroform | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Chloromethane | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **cis-1,2-Dichloroethene** | **2.5** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Dibromochloromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Dibromomethane | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Dichlorodifluoromethane | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Ethanol | ND | | 160 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Ethylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Isopropylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| m,p-Xylene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Methylene Chloride | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Naphthalene | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| n-Butylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| N-Propylbenzene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| o-Xylene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| p-Isopropyltoluene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| sec-Butylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Styrene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 13 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| tert-Butylbenzene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Tetrachloroethene** | **5.4** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Toluene** | **1.2** | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| **Trichloroethene** | **15** | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Trichlorofluoromethane | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Vinyl acetate | ND | | 6.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Vinyl chloride | ND | | 0.63 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |
| Xylenes, Total | ND | | 1.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 19:36* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:36* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 19:36* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:36* | *1* |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **1,1-Dichloroethane** | **1.0** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dibromoethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,2-Dichloropropane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,3-Dichloropropane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 2,2-Dichloropropane | ND | | 4.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 2-Chlorotoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 4-Chlorotoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Acetone** | **21** | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Benzene** | **3.5** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Bromobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Bromodichloromethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.2 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Carbon disulfide | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Carbon tetrachloride | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Chlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Chloroform | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Dibromomethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Ethylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Isopropylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Methylene Chloride | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Naphthalene | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| n-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| o-Xylene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| p-Isopropyltoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| sec-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Styrene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| tert-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Tetrachloroethene** | **1.8** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Toluene** | **2.8** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| **Trichloroethene** | **3.7** | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Trichlorofluoromethane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Vinyl acetate | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Vinyl chloride | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 20:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 20:04* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 20:04* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 20:04* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 20:04* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1-Dichloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dibromoethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dichloroethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,2-Dichloropropane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,3-Dichloropropane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 2-Chlorotoluene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 4-Chlorotoluene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| **Acetone** | **57** | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Benzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromodichloromethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Carbon disulfide | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Carbon tetrachloride | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Chlorobenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Chloroform | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Dibromomethane | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Ethylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Methylene Chloride | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Naphthalene | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| n-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| o-Xylene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| p-Isopropyltoluene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| sec-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Styrene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| tert-Butylbenzene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Tetrachloroethene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Toluene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Trichlorofluoromethane | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Vinyl acetate | ND | | 9.4 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Vinyl chloride | ND | | 0.94 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:03* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:03* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:03* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:03* | *1* |

**Client Sample ID: LV-3-10-DUP**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-10-DUP**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| **Acetone** | **39** | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Benzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| **m,p-Xylene** | **2.0** | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Tetrachloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| **Toluene** | **4.4** | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-3-10-DUP**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |
| **Xylenes, Total** | **2.0** | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:29* | *1* |
| *Dibromofluoromethane (Surr)* | *96* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:29* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:29* | *1* |

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1-Dichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dibromoethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dichloroethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,2-Dichloropropane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,3-Dichloropropane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 2,2-Dichloropropane | ND | | 4.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 2-Chlorotoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 4-Chlorotoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| **Acetone** | **22** | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| **Benzene** | **1.7** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Bromobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Bromodichloromethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Carbon disulfide | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Carbon tetrachloride | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Chlorobenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Chloroform | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Dibromomethane | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Ethylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Isopropylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Methylene Chloride | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Naphthalene | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| n-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| o-Xylene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| p-Isopropyltoluene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| sec-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Styrene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| tert-Butylbenzene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Tetrachloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| **Toluene** | **1.5** | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Trichlorofluoromethane | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Vinyl acetate | ND | | 8.3 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Vinyl chloride | ND | | 0.83 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 18:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 18:55* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:55* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 18:55* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 18:55* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dibromoethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dichloroethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,2-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,3-Dichloropropane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 2,2-Dichloropropane | ND | | 4.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 2-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 4-Chlorotoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| **Acetone** | **37** | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| **Benzene** | **1.9** | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromodichloromethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromoform | ND | | 4.6 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Carbon disulfide | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Carbon tetrachloride | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Chlorobenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Chloroform | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Dibromomethane | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Ethylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Methylene Chloride | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Naphthalene | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| n-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| o-Xylene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| p-Isopropyltoluene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| sec-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Styrene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| tert-Butylbenzene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Tetrachloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| **Toluene** | **1.4** | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Trichlorofluoromethane | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Vinyl acetate | ND | | 9.1 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Vinyl chloride | ND | | 0.91 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/24/21 19:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *80 - 142* | *06/23/21 17:04* | *06/24/21 19:20* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:20* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | *06/23/21 17:04* | *06/24/21 19:20* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 17:04* | *06/24/21 19:20* | *1* |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 2,2-Dichloropropane | ND | | 5.3 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Acetone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromoform | ND | | 5.3 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Ethanol | ND | | 270 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 11:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 11:39* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 11:39* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 11:39* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 11:39* | *1* |

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1-Dichloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1-Dichloroethene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dibromoethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dichloroethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,2-Dichloropropane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,3-Dichloropropane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 2,2-Dichloropropane | ND | | 4.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 2-Chlorotoluene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 4-Chlorotoluene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Benzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Bromobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Bromodichloromethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Carbon disulfide | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Carbon tetrachloride | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Chlorobenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Chloroform | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Dibromomethane | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Ethanol | ND | | 240 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Ethylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Isopropylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Methylene Chloride | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Naphthalene | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| n-Butylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| o-Xylene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| p-Isopropyltoluene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| sec-Butylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Styrene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| tert-Butylbenzene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Tetrachloroethene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Toluene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Trichlorofluoromethane | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Vinyl acetate | ND | | 9.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Vinyl chloride | ND | | 0.95 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 12:07* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 12:07* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 12:07* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 12:07* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1-Dichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dibromoethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dichloroethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,2-Dichloropropane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,3-Dichloropropane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 2-Chlorotoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 4-Chlorotoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Acetone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Benzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromodichloromethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Carbon disulfide | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Carbon tetrachloride | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Chlorobenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Chloroform | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Dibromomethane | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Ethanol | ND | | 220 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Ethylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Methylene Chloride | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Naphthalene | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| n-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| o-Xylene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| p-Isopropyltoluene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| sec-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Styrene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| tert-Butylbenzene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Tetrachloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Toluene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Trichlorofluoromethane | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Vinyl acetate | ND | | 8.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Vinyl chloride | ND | | 0.89 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 12:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 12:35* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 12:35* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 12:35* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 12:35* | *1* |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 2,2-Dichloropropane | ND | | 5.3 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| **Acetone** | **34** | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromoform | ND | | 5.3 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 15:55* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 15:55* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 15:55* | *1* |
| *Toluene-d8 (Surr)* | *103* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 15:55* | *1* |

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,1-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dibromoethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dichloroethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,2-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,3-Dichloropropane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 2,2-Dichloropropane | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 2-Butanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 2-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 2-Hexanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 4-Chlorotoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| 4-Methyl-2-pentanone | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| **Acetone** | **18** | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| **Benzene** | **2.2** | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Bromobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Bromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Bromodichloromethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.5 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Bromomethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Carbon disulfide | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Carbon tetrachloride | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Chlorobenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Chloroethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Chloroform | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Chloromethane | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Dibromochloromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Dibromomethane | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Ethanol | ND | | 230 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Ethylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Isopropylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| m,p-Xylene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Methylene Chloride | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Naphthalene | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| n-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| N-Propylbenzene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| o-Xylene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| p-Isopropyltoluene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| sec-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Styrene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 18 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| tert-Butylbenzene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| **Tetrachloroethene** | **7.7** | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| **Toluene** | **1.0** | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Trichloroethene | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Trichlorofluoromethane | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Vinyl acetate | ND | | 9.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Vinyl chloride | ND | | 0.90 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |
| Xylenes, Total | ND | | 1.8 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 13:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 13:31* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 13:31* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 13:31* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 13:31* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1-Dichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dibromoethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,2-Dichloropropane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,3-Dichloropropane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 2-Chlorotoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 4-Chlorotoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Benzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromodichloromethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Carbon disulfide | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Carbon tetrachloride | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Chlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Chloroform | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Dibromomethane | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Ethylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Methylene Chloride | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Naphthalene | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| n-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| o-Xylene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| p-Isopropyltoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| sec-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Styrene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| tert-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| **Tetrachloroethene** | **1.8** | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Toluene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Trichlorofluoromethane | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Vinyl acetate | ND | | 8.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Vinyl chloride | ND | | 0.80 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 14:01* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:01* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 14:01* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:01* | *1* |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1-Dichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2-Dibromoethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,2-Dichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,3-Dichloropropane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 2-Chlorotoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 4-Chlorotoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Benzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromodichloromethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Carbon disulfide | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Carbon tetrachloride | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Chlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Chloroform | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Dibromomethane | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Ethanol | ND | | 240 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Ethylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Isopropylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Methylene Chloride | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Naphthalene | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| n-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| o-Xylene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| p-Isopropyltoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| sec-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Styrene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| tert-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Tetrachloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Toluene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Trichlorofluoromethane | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Vinyl acetate | ND | | 9.7 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Vinyl chloride | ND | | 0.97 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 14:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:29* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 14:29* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:29* | *1* |

**Client Sample ID: LV-6-15-DUP**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dibromoethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,2-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,3-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 2-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 4-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Benzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Bromobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Bromodichloromethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-15-DUP**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Carbon disulfide | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Carbon tetrachloride | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Chlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Chloroform | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Dibromomethane | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Ethylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Isopropylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Methylene Chloride | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Naphthalene | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| n-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| o-Xylene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| p-Isopropyltoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| sec-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Styrene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| tert-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Tetrachloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Toluene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Trichlorofluoromethane | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Vinyl acetate | ND | | 9.9 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Vinyl chloride | ND | | 0.99 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 14:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 14:57* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:57* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 14:57* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 14:57* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 17:04 | 06/25/21 15:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *80 - 142* | *06/23/21 17:04* | *06/25/21 15:26* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 15:26* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *80 - 123* | *06/23/21 17:04* | *06/25/21 15:26* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | *06/23/21 17:04* | *06/25/21 15:26* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.081 | | mg/Kg | | 06/23/21 17:04 | 06/25/21 21:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/25/21 21:13* | *1* |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.077 | | mg/Kg | | 06/23/21 17:04 | 06/25/21 21:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *42 - 126* | *06/23/21 17:04* | *06/25/21 21:37* | *1* |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 15:34 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 15:34* | *1* |

**Client Sample ID: LV-9-10-DUP**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.076 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 15:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 15:58* | *1* |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Gasoline Range Organics (C4-C12)** | **6.9** | | 1.7 | | mg/Kg | | 06/23/21 17:10 | 06/29/21 11:16 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *87* | | *42 - 126* | *06/23/21 17:10* | *06/29/21 11:16* | *20* |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.074 | | mg/Kg | | 06/23/21 17:04 | 06/29/21 09:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | *06/23/21 17:04* | *06/29/21 09:38* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.078 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 18:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 18:03* | *1* |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.063 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 18:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 18:27* | *1* |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.075 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 11:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *88* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 11:16* | *1* |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.097 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 11:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *59* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 11:40* | *1* |

**Client Sample ID: LV-3-10-DUP**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.073 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 12:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 12:04* | *1* |

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.085 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 12:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *75* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 12:28* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.079 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 14:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 14:21* | *1* |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.12 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 14:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 14:45* | *1* |

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 15:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 15:09* | *1* |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 15:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *78* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 15:33* | *1* |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 15:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 15:57* | *1* |

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.087 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 16:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 16:21* | *1* |

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.088 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 16:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 16:45* | *1* |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 17:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 17:09* | *1* |

**Client Sample ID: LV-6-15-DUP**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 17:04 | 06/26/21 17:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *82* | | *42 - 126* | *06/23/21 17:04* | *06/26/21 17:33* | *1* |

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.097 | | mg/Kg | | 06/23/21 17:04 | 06/28/21 12:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *80* | | *42 - 126* | *06/23/21 17:04* | *06/28/21 12:52* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 13:52 | 1 |
| **C23-C40** | **5.7** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 13:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 13:52* | *1* |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:12 | 1 |
| **C23-C40** | **6.0** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *80* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 14:12* | *1* |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **3900** | | 250 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:31 | 50 |
| **C23-C40** | **13000** | | 250 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:31 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *104* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 14:31* | *50* |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:51 | 1 |
| **C23-C40** | **8.5** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 14:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *80* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 14:51* | *1* |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:11 | 1 |
| **C23-C40** | **8.9** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 15:11* | *1* |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 50 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:30 | 10 |
| **C23-C40** | **360** | | 50 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:30 | 10 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *64* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 15:30* | *10* |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:50 | 1 |
| **C23-C40** | **7.2** | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 15:50 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 15:50* | *1* |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 16:09 | 1 |
| **C23-C40** | **5.6** | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 16:09 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *85* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 16:09* | *1* |

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **9.4** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 16:29 | 1 |
| **C23-C40** | **33** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 16:29 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *85* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 16:29* | *1* |

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:08 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:08 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 17:08* | *1* |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:27 | 1 |
| **C23-C40** | **8.0** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:27 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *81* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 17:27* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:47 | 1 |
| **C23-C40** | **8.1** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 17:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 17:47* | *1* |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **5.6** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:07 | 1 |
| **C23-C40** | **7.9** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 18:07* | *1* |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **9.3** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:26 | 1 |
| **C23-C40** | **57** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 18:26* | *1* |

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:46 | 1 |
| **C23-C40** | **7.0** | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 18:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 18:46* | *1* |

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:05 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *85* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 19:05* | *1* |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **12** | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:25 | 1 |
| **C23-C40** | **14** | | 4.9 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:25 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 19:25* | *1* |

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:45 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 19:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *84* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 19:45* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Diesel Range Organics (DRO) (GC) - RA

**Client Sample ID: LV-9-1**
**Lab Sample ID: 570-62513-1**
**Date Collected: 06/22/21 07:32**
**Matrix: Solid**
**Date Received: 06/22/21 18:50**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 51 | | 25 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 20:05 | 5 |
| C23-C40 | 880 | | 25 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 20:05 | 5 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *14* | *S1-* | *60 - 138* | *06/26/21 13:07* | *06/28/21 20:05* | *5* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | F1 | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| **Aroclor-1248** | **250** | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| **Aroclor-1254** | **720** | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1260 | ND | F1 F2 | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *90* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 16:29* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *68* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 16:29* | *1* |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 16:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 16:48* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *76* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 16:48* | *1* |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 17:06* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *78* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 17:06* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| **Aroclor-1260** | **73** | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *66* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 17:24* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *44* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 17:24* | *1* |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 17:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 17:43* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *66* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 17:43* | *1* |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *75* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 18:01* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *59* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 18:01* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 18:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 18:59* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *52* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 18:59* | *1* |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 19:17* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *67* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 19:17* | *1* |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/25/21 19:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *79* | | *25 - 126* | *06/23/21 15:02* | *06/25/21 19:36* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *77* | | *20 - 155* | *06/23/21 15:02* | *06/25/21 19:36* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 11:25* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *66* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 11:25* | *1* |

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 11:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *88* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 11:44* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *67* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 11:44* | *1* |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *80* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 12:02* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *69* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 12:02* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *86* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 12:20* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *77* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 12:20* | *1* |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 12:39* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *79* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 12:39* | *1* |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 12:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *87* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 12:57* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *82* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 12:57* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 13:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 13:15* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *73* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 13:15* | *1* |

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *91* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 14:30* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *86* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 14:30* | *1* |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 14:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 14:49* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *73* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 14:49* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:02 | 06/26/21 15:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/23/21 15:02* | *06/26/21 15:07* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *83* | | *20 - 155* | *06/23/21 15:02* | *06/26/21 15:07* | *1* |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Arsenic | ND | F1 | 2.44 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Barium** | **144** | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Beryllium** | **0.537** | | 0.244 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Cobalt** | **8.40** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Chromium** | **27.6** | **F1** | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Copper** | **14.2** | **F1** | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Molybdenum | ND | F1 | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Nickel** | **49.5** | **F1** | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Antimony | ND | F1 | 2.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Vanadium** | **23.1** | **F1** | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Zinc** | **47.2** | **F1** | 9.76 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |
| **Lead** | **8.62** | **F1** | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:30 | 1 |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Arsenic** | **30.0** | | 2.50 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Barium** | **121** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Beryllium** | **0.348** | | 0.250 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Cadmium** | **1.58** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Cobalt** | **11.9** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Chromium** | **13.9** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Copper** | **986** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Nickel** | **9.86** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Vanadium** | **24.1** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Zinc** | **1210** | | 10.0 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |
| **Lead** | **93.1** | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:36 | 1 |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Arsenic | ND | L | 2.63 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Barium** | **87.2** | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Beryllium** | **0.445** | | 0.263 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Cobalt** | **14.6** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Chromium** | **66.4** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Copper** | **27.4** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | L | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Nickel** | **67.3** | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Vanadium** | **35.6** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| **Zinc** | **32.8** | | 10.5 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:39 | 1 |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Barium** | **56.5** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Beryllium** | **0.343** | | 0.258 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Cobalt** | **11.3** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Chromium** | **51.3** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Copper** | **21.9** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Molybdenum | ND | L | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Nickel** | **48.2** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Vanadium** | **31.0** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| **Zinc** | **19.6** | | 10.3 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |
| Lead | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:41 | 1 |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Arsenic** | **40.2** | | 2.55 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Barium** | **157** | | 0.510 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Beryllium** | **0.430** | | 0.255 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Cadmium** | **1.97** | | 0.510 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Cobalt** | **16.5** | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Chromium** | **18.5** | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Copper** | **1250** | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| Molybdenum | ND | | 0.510 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Nickel** | **12.5** | | 0.510 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| Antimony | ND | | 3.06 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| Selenium | ND | | 5.10 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| Thallium | ND | | 5.10 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Vanadium** | **30.8** | | 1.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Zinc** | **1770** | | 10.2 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |
| **Lead** | **109** | | 5.10 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:42 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Arsenic | ND | L | 2.53 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Barium** | **102** | | 0.505 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Beryllium** | **0.717** | | 0.253 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Cadmium | ND | | 0.505 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Cobalt** | **21.9** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Chromium** | **109** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Copper** | **34.6** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Molybdenum | ND | L | 0.505 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Nickel** | **97.8** | | 0.505 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Antimony | ND | | 3.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Selenium | ND | | 5.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Thallium | ND | | 5.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Vanadium** | **68.6** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| **Zinc** | **38.2** | | 10.1 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |
| Lead | ND | | 5.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:03 | 1 |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Arsenic | ND | | 2.51 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Barium** | **110** | | 0.503 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Beryllium** | **0.560** | | 0.251 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Cadmium | ND | | 0.503 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Cobalt** | **22.0** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Chromium** | **89.6** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Copper** | **33.9** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Molybdenum | ND | L | 0.503 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Nickel** | **106** | | 0.503 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Antimony | ND | | 3.02 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Selenium | ND | | 5.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Thallium | ND | | 5.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Vanadium** | **41.8** | | 1.01 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| **Zinc** | **43.9** | | 10.1 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |
| Lead | ND | | 5.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:05 | 1 |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Arsenic | ND | L | 2.46 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Barium** | **88.4** | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Beryllium** | **0.493** | | 0.246 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Cobalt** | **14.8** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Chromium** | **67.5** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Copper** | **22.9** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | L | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Nickel** | **69.0** | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Vanadium** | **43.0** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| **Zinc** | **30.7** | | 9.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |
| Lead | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:07 | 1 |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Arsenic | ND | | 2.56 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Barium** | **71.1** | | 0.513 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Beryllium** | **0.479** | | 0.256 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Cadmium | ND | | 0.513 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Cobalt** | **17.8** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Chromium** | **80.7** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Copper** | **28.3** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Molybdenum | ND | L | 0.513 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Nickel** | **82.0** | | 0.513 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Antimony | ND | | 3.08 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Selenium | ND | | 5.13 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Thallium | ND | | 5.13 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Vanadium** | **44.2** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| **Zinc** | **32.4** | | 10.3 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |
| Lead | ND | | 5.13 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:09 | 1 |

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Arsenic | ND | | 2.40 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Barium** | **51.7** | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Beryllium** | **0.345** | | 0.240 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Cobalt** | **4.73** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Chromium** | **8.22** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Copper** | **7.92** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Nickel** | **7.40** | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Vanadium** | **17.6** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| **Zinc** | **22.4** | | 9.62 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:11 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Arsenic** | **4.84** | | 2.63 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Barium** | **25.4** | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Beryllium | ND | | 0.263 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Cadmium | ND | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Cobalt** | **2.66** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Chromium** | **5.58** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Copper** | **2.47** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Molybdenum | ND | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Nickel** | **3.88** | | 0.526 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Antimony | ND | | 3.16 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Selenium | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Thallium | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Vanadium** | **8.13** | | 1.05 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| **Zinc** | **12.0** | | 10.5 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |
| Lead | ND | | 5.26 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:13 | 1 |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Arsenic | ND | | 2.46 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Barium** | **52.1** | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Beryllium** | **0.254** | | 0.246 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Cobalt** | **8.55** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Chromium** | **7.09** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Copper** | **5.45** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Nickel** | **6.15** | | 0.493 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Vanadium** | **13.3** | | 0.985 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| **Zinc** | **18.9** | | 9.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |
| Lead | ND | | 4.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:15 | 1 |

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Barium** | **36.9** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Beryllium | ND | | 0.258 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Cobalt** | **4.38** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Chromium** | **5.41** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Copper** | **5.13** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Nickel** | **4.61** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Vanadium** | **10.8** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| **Zinc** | **14.6** | | 10.3 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |
| Lead | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:17 | 1 |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Arsenic | ND | | 2.44 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Barium** | **85.1** | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Beryllium | ND | | 0.244 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Cadmium | ND | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Cobalt** | **2.82** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Chromium** | **2.32** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Copper** | **2.18** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Molybdenum | ND | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Nickel** | **1.57** | | 0.488 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Antimony | ND | | 2.93 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Selenium | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Thallium | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Vanadium** | **12.4** | | 0.976 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| **Zinc** | **14.4** | | 9.76 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |
| Lead | ND | | 4.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:19 | 1 |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Arsenic** | **2.40** | | 2.40 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Barium** | **15.2** | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Beryllium | ND | | 0.240 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Cadmium | ND | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Cobalt** | **0.991** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Chromium** | **2.47** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Copper** | **1.13** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Molybdenum | ND | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Nickel** | **1.54** | | 0.481 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Antimony | ND | | 2.88 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Selenium | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Thallium | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| **Vanadium** | **3.35** | | 0.962 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Zinc | ND | | 9.62 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |
| Lead | ND | | 4.81 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:21 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| **Barium** | **13.7** | | 0.485 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Cobalt | ND | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| **Chromium** | **1.95** | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Copper | ND | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| **Nickel** | **1.05** | | 0.485 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| **Vanadium** | **2.42** | | 0.971 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Zinc | ND | | 9.71 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:30 | 1 |

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Arsenic** | **3.60** | | 2.49 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Barium** | **11.7** | | 0.498 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Beryllium | ND | | 0.249 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Cobalt** | **1.17** | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Chromium** | **3.04** | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Copper** | **1.22** | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Nickel** | **1.97** | | 0.498 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| **Vanadium** | **4.08** | | 0.995 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Zinc | ND | | 9.95 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |
| Lead | ND | | 4.98 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:32 | 1 |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Barium** | **86.8** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Beryllium** | **0.451** | | 0.250 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Cobalt** | **6.37** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Chromium** | **12.3** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Copper** | **9.25** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Nickel** | **10.4** | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Vanadium** | **22.5** | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| **Zinc** | **31.4** | | 10.0 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:34 | 1 |

**Client Sample ID: LV-6-20**
**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Arsenic | ND | | 2.58 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Barium** | **61.1** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Beryllium** | **0.318** | | 0.258 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Cobalt** | **5.08** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Chromium** | **10.3** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Copper** | **6.26** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Nickel** | **7.26** | | 0.515 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Vanadium** | **18.5** | | 1.03 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| **Zinc** | **23.9** | | 10.3 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |
| Lead | ND | | 5.15 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 18:36 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-9-1**
**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 11:54 | 1 |

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:00 | 1 |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:02 | 1 |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:03 | 1 |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:05 | 1 |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:11 | 1 |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.431** | | 0.0806 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:13 | 1 |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0862 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:14 | 1 |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:16 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-2-1**
**Date Collected: 06/22/21 13:30**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:18 | 1 |

**Client Sample ID: LV-2-5**
**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:20 | 1 |

**Client Sample ID: LV-2-10**
**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:22 | 1 |

**Client Sample ID: LV-2-15**
**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:24 | 1 |

**Client Sample ID: LV-2-20**
**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0794 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:26 | 1 |

**Client Sample ID: LV-6-1**
**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.116** | | 0.0833 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:27 | 1 |

**Client Sample ID: LV-6-5**
**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:33 | 1 |

**Client Sample ID: LV-6-10**
**Date Collected: 06/22/21 15:18**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.165** | | 0.0806 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:35 | 1 |

**Client Sample ID: LV-6-15**
**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0877 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:37 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-6-20**
**Lab Sample ID: 570-62513-22**
**Date Collected: 06/22/21 15:34**
**Matrix: Solid**
**Date Received: 06/22/21 18:50**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.123 | | 0.0847 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 12:38 | 1 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-142) | (80-120) | (80-123) | (80-120) |
| 570-62513-1 | LV-9-1 | 115 | 100 | 106 | 101 |
| 570-62513-2 | LV-9-5 | 114 | 101 | 104 | 102 |
| 570-62513-3 | LV-9-10 | 111 | 100 | 104 | 102 |
| 570-62513-4 | LV-9-10-DUP | 112 | 100 | 103 | 101 |
| 570-62513-5 | LV-7-1 | 115 | 100 | 105 | 99 |
| 570-62513-6 | LV-7-5 | 115 | 101 | 104 | 102 |
| 570-62513-7 | LV-7-10 | 113 | 102 | 101 | 101 |
| 570-62513-8 | LV-3-1 | 117 | 100 | 106 | 100 |
| 570-62513-9 | LV-3-5 | 116 | 100 | 103 | 101 |
| 570-62513-10 | LV-3-10 | 108 | 99 | 99 | 96 |
| 570-62513-11 | LV-3-10-DUP | 106 | 100 | 96 | 96 |
| 570-62513-12 | LV-2-1 | 108 | 100 | 100 | 97 |
| 570-62513-13 | LV-2-5 | 109 | 101 | 101 | 97 |
| 570-62513-14 | LV-2-10 | 113 | 101 | 104 | 102 |
| 570-62513-15 | LV-2-15 | 113 | 101 | 107 | 102 |
| 570-62513-16 | LV-2-20 | 115 | 101 | 106 | 100 |
| 570-62513-17 | LV-6-1 | 114 | 102 | 102 | 103 |
| 570-62513-18 | LV-6-5 | 115 | 98 | 106 | 101 |
| 570-62513-19 | LV-6-10 | 114 | 101 | 104 | 102 |
| 570-62513-20 | LV-6-15 | 114 | 102 | 105 | 101 |
| 570-62513-21 | LV-6-15-DUP | 114 | 100 | 107 | 102 |
| 570-62513-22 | LV-6-20 | 114 | 101 | 106 | 101 |
| LCS 570-159455/3 | Lab Control Sample | 94 | 99 | 95 | 97 |
| LCS 570-159457/3 | Lab Control Sample | 104 | 101 | 102 | 100 |
| LCS 570-159765/3 | Lab Control Sample | 105 | 102 | 101 | 101 |
| LCSD 570-159455/4 | Lab Control Sample Dup | 96 | 99 | 97 | 97 |
| LCSD 570-159457/4 | Lab Control Sample Dup | 104 | 100 | 102 | 101 |
| LCSD 570-159765/4 | Lab Control Sample Dup | 106 | 100 | 103 | 101 |
| MB 570-159455/6 | Method Blank | 97 | 99 | 95 | 97 |
| MB 570-159457/6 | Method Blank | 104 | 99 | 101 | 101 |
| MB 570-159765/6 | Method Blank | 103 | 100 | 100 | 101 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8015B - Gasoline Range Organics - (GC)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| | | BFB1 |
| Lab Sample ID | Client Sample ID | (42-126) |
| 570-62513-1 | LV-9-1 | 82 |
| 570-62513-2 | LV-9-5 | 87 |
| 570-62513-3 | LV-9-10 | 85 |
| 570-62513-4 | LV-9-10-DUP | 85 |
| 570-62513-5 | LV-7-1 | 87 |
| 570-62513-6 | LV-7-5 | 86 |

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (42-126) | | | | | | | | | | |
| 570-62513-7 | LV-7-10 | 86 | | | | | | | | | | |
| 570-62513-8 | LV-3-1 | 77 | | | | | | | | | | |
| 570-62513-9 | LV-3-5 | 88 | | | | | | | | | | |
| 570-62513-10 | LV-3-10 | 59 | | | | | | | | | | |
| 570-62513-11 | LV-3-10-DUP | 82 | | | | | | | | | | |
| 570-62513-12 | LV-2-1 | 75 | | | | | | | | | | |
| 570-62513-13 | LV-2-5 | 86 | | | | | | | | | | |
| 570-62513-14 | LV-2-10 | 77 | | | | | | | | | | |
| 570-62513-15 | LV-2-15 | 83 | | | | | | | | | | |
| 570-62513-16 | LV-2-20 | 78 | | | | | | | | | | |
| 570-62513-17 | LV-6-1 | 82 | | | | | | | | | | |
| 570-62513-18 | LV-6-5 | 82 | | | | | | | | | | |
| 570-62513-19 | LV-6-10 | 80 | | | | | | | | | | |
| 570-62513-20 | LV-6-15 | 81 | | | | | | | | | | |
| 570-62513-21 | LV-6-15-DUP | 82 | | | | | | | | | | |
| 570-62513-22 | LV-6-20 | 80 | | | | | | | | | | |
| LCS 570-159777/3 | Lab Control Sample | 92 | | | | | | | | | | |
| LCS 570-160067/3 | Lab Control Sample | 93 | | | | | | | | | | |
| LCS 570-160172/3 | Lab Control Sample | 94 | | | | | | | | | | |
| LCS 570-160362/34 | Lab Control Sample | 92 | | | | | | | | | | |
| LCSD 570-159777/4 | Lab Control Sample Dup | 94 | | | | | | | | | | |
| LCSD 570-160067/4 | Lab Control Sample Dup | 98 | | | | | | | | | | |
| LCSD 570-160172/4 | Lab Control Sample Dup | 95 | | | | | | | | | | |
| LCSD 570-160362/35 | Lab Control Sample Dup | 91 | | | | | | | | | | |
| MB 570-159777/5 | Method Blank | 86 | | | | | | | | | | |
| MB 570-160067/5 | Method Blank | 86 | | | | | | | | | | |
| MB 570-160172/5 | Method Blank | 84 | | | | | | | | | | |
| MB 570-160362/36 | Method Blank | 77 | | | | | | | | | | |
| MB 570-160362/37 | Method Blank | 85 | | | | | | | | | | |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) | | | | | | | | | | |
| 570-62513-1 - RA | LV-9-1 | 14 S1- | | | | | | | | | | |
| 570-62513-2 | LV-9-5 | 82 | | | | | | | | | | |
| 570-62513-3 | LV-9-10 | 80 | | | | | | | | | | |
| 570-62513-5 | LV-7-1 | 104 | | | | | | | | | | |
| 570-62513-6 | LV-7-5 | 80 | | | | | | | | | | |
| 570-62513-7 | LV-7-10 | 82 | | | | | | | | | | |
| 570-62513-8 | LV-3-1 | 64 | | | | | | | | | | |
| 570-62513-9 | LV-3-5 | 82 | | | | | | | | | | |
| 570-62513-10 | LV-3-10 | 85 | | | | | | | | | | |
| 570-62513-12 | LV-2-1 | 85 | | | | | | | | | | |
| 570-62513-13 | LV-2-5 | 84 | | | | | | | | | | |
| 570-62513-14 | LV-2-10 | 81 | | | | | | | | | | |

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-138) | | | | | | | | | | | | |
| 570-62513-15 | LV-2-15 | 82 | | | | | | | | | | | | |
| 570-62513-16 | LV-2-20 | 83 | | | | | | | | | | | | |
| 570-62513-17 | LV-6-1 | 84 | | | | | | | | | | | | |
| 570-62513-18 | LV-6-5 | 83 | | | | | | | | | | | | |
| 570-62513-19 | LV-6-10 | 85 | | | | | | | | | | | | |
| 570-62513-20 | LV-6-15 | 83 | | | | | | | | | | | | |
| 570-62513-20 MS | LV-6-15 | 83 | | | | | | | | | | | | |
| 570-62513-20 MSD | LV-6-15 | 84 | | | | | | | | | | | | |
| 570-62513-22 | LV-6-20 | 84 | | | | | | | | | | | | |
| LCS 570-160080/2-A | Lab Control Sample | 82 | | | | | | | | | | | | |
| LCSD 570-160080/3-A | Lab Control Sample Dup | 83 | | | | | | | | | | | | |
| MB 570-160080/1-A | Method Blank | 82 | | | | | | | | | | | | |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | Client Sample ID | TCX1 (25-126) | DCB1 (20-155) | | | | | | | | | | | |
| 570-62513-1 | LV-9-1 | 90 | 68 | | | | | | | | | | | |
| 570-62513-1 MS | LV-9-1 | 86 | 44 | | | | | | | | | | | |
| 570-62513-1 MSD | LV-9-1 | 91 | 69 | | | | | | | | | | | |
| 570-62513-2 | LV-9-5 | 87 | 76 | | | | | | | | | | | |
| 570-62513-3 | LV-9-10 | 87 | 78 | | | | | | | | | | | |
| 570-62513-5 | LV-7-1 | 66 | 44 | | | | | | | | | | | |
| 570-62513-6 | LV-7-5 | 85 | 66 | | | | | | | | | | | |
| 570-62513-7 | LV-7-10 | 75 | 59 | | | | | | | | | | | |
| 570-62513-8 | LV-3-1 | 82 | 52 | | | | | | | | | | | |
| 570-62513-9 | LV-3-5 | 85 | 67 | | | | | | | | | | | |
| 570-62513-10 | LV-3-10 | 79 | 77 | | | | | | | | | | | |
| 570-62513-12 | LV-2-1 | 82 | 66 | | | | | | | | | | | |
| 570-62513-13 | LV-2-5 | 88 | 67 | | | | | | | | | | | |
| 570-62513-14 | LV-2-10 | 80 | 69 | | | | | | | | | | | |
| 570-62513-15 | LV-2-15 | 86 | 77 | | | | | | | | | | | |
| 570-62513-16 | LV-2-20 | 82 | 79 | | | | | | | | | | | |
| 570-62513-17 | LV-6-1 | 87 | 82 | | | | | | | | | | | |
| 570-62513-18 | LV-6-5 | 85 | 73 | | | | | | | | | | | |
| 570-62513-19 | LV-6-10 | 91 | 86 | | | | | | | | | | | |
| 570-62513-20 | LV-6-15 | 83 | 73 | | | | | | | | | | | |
| 570-62513-22 | LV-6-20 | 85 | 83 | | | | | | | | | | | |
| LCS 570-159297/2-A | Lab Control Sample | 95 | 91 | | | | | | | | | | | |
| LCSD 570-159297/3-A | Lab Control Sample Dup | 98 | 91 | | | | | | | | | | | |
| MB 570-159297/1-A | Method Blank | 87 | 88 | | | | | | | | | | | |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-159455/6**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159455/6**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 09:56 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *80 - 142* | | *06/24/21 09:56* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | | *06/24/21 09:56* | *1* |
| *Dibromofluoromethane (Surr)* | *95* | | *80 - 123* | | *06/24/21 09:56* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | | *06/24/21 09:56* | *1* |

**Lab Sample ID: LCS 570-159455/3**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 50.14 | | ug/Kg | | 100 | 67 - 122 |
| 1,2-Dibromoethane | 50.0 | 55.53 | | ug/Kg | | 111 | 80 - 123 |
| 1,2-Dichlorobenzene | 50.0 | 54.58 | | ug/Kg | | 109 | 80 - 120 |
| 1,2-Dichloroethane | 50.0 | 53.10 | | ug/Kg | | 106 | 80 - 125 |
| Benzene | 50.0 | 47.23 | | ug/Kg | | 94 | 79 - 120 |
| Carbon tetrachloride | 50.0 | 51.18 | | ug/Kg | | 102 | 69 - 132 |
| Chlorobenzene | 50.0 | 54.80 | | ug/Kg | | 110 | 80 - 120 |
| Di-isopropyl ether (DIPE) | 50.0 | 48.10 | | ug/Kg | | 96 | 62 - 128 |
| Ethanol | 500 | 555.9 | | ug/Kg | | 111 | 48 - 151 |
| Ethylbenzene | 50.0 | 55.81 | | ug/Kg | | 112 | 80 - 120 |
| Ethyl-t-butyl ether (ETBE) | 50.0 | 49.11 | | ug/Kg | | 98 | 66 - 123 |
| m,p-Xylene | 100 | 111.5 | | ug/Kg | | 111 | 79 - 120 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159455/3**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 48.23 | | ug/Kg | | 96 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 56.37 | | ug/Kg | | 113 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *95* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159455/4**
**Matrix: Solid**
**Analysis Batch: 159455**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 49.31 | | ug/Kg | | 99 | 67 - 122 | 2 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 55.78 | | ug/Kg | | 112 | 80 - 123 | 0 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 52.71 | | ug/Kg | | 105 | 80 - 120 | 3 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 53.00 | | ug/Kg | | 106 | 80 - 125 | 0 | 20 |
| Benzene | | | 50.0 | 46.46 | | ug/Kg | | 93 | 79 - 120 | 2 | 20 |
| Carbon tetrachloride | | | 50.0 | 50.55 | | ug/Kg | | 101 | 69 - 132 | 1 | 20 |
| Chlorobenzene | | | 50.0 | 53.63 | | ug/Kg | | 107 | 80 - 120 | 2 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 48.43 | | ug/Kg | | 97 | 62 - 128 | 1 | 20 |
| Ethanol | | | 500 | 538.5 | | ug/Kg | | 108 | 48 - 151 | 3 | 29 |
| Ethylbenzene | | | 50.0 | 54.53 | | ug/Kg | | 109 | 80 - 120 | 2 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 49.36 | | ug/Kg | | 99 | 66 - 123 | 1 | 20 |
| m,p-Xylene | | | 100 | 108.4 | | ug/Kg | | 108 | 79 - 120 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 48.84 | | ug/Kg | | 98 | 68 - 120 | 1 | 20 |
| o-Xylene | | | 50.0 | 55.20 | | ug/Kg | | 110 | 79 - 120 | 2 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* |

**Lab Sample ID: MB 570-159457/6**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159457/6**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159457/6**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/24/21 10:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* | | *06/24/21 10:45* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* | | *06/24/21 10:45* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* | | *06/24/21 10:45* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *06/24/21 10:45* | *1* |

**Lab Sample ID: LCS 570-159457/3**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 46.62 | | ug/Kg | | 93 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 46.96 | | ug/Kg | | 94 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 44.83 | | ug/Kg | | 90 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 48.12 | | ug/Kg | | 96 | 80 - 125 | | |
| Benzene | | | 50.0 | 44.74 | | ug/Kg | | 89 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 52.42 | | ug/Kg | | 105 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 45.60 | | ug/Kg | | 91 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.35 | | ug/Kg | | 91 | 62 - 128 | | |
| Ethanol | | | 500 | 396.9 | | ug/Kg | | 79 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 45.22 | | ug/Kg | | 90 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 46.07 | | ug/Kg | | 92 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 89.43 | | ug/Kg | | 89 | 79 - 120 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 46.22 | | ug/Kg | | 92 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 45.38 | | ug/Kg | | 91 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-159457/4**
**Matrix: Solid**
**Analysis Batch: 159457**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 49.54 | | ug/Kg | | 99 | 67 - 122 | 6 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 47.40 | | ug/Kg | | 95 | 80 - 123 | 1 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 46.67 | | ug/Kg | | 93 | 80 - 120 | 4 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 50.03 | | ug/Kg | | 100 | 80 - 125 | 4 | 20 |
| Benzene | | | 50.0 | 47.21 | | ug/Kg | | 94 | 79 - 120 | 5 | 20 |
| Carbon tetrachloride | | | 50.0 | 55.60 | | ug/Kg | | 111 | 69 - 132 | 6 | 20 |
| Chlorobenzene | | | 50.0 | 47.33 | | ug/Kg | | 95 | 80 - 120 | 4 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 47.07 | | ug/Kg | | 94 | 62 - 128 | 4 | 20 |
| Ethanol | | | 500 | 359.7 | | ug/Kg | | 72 | 48 - 151 | 10 | 29 |
| Ethylbenzene | | | 50.0 | 46.70 | | ug/Kg | | 93 | 80 - 120 | 3 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 48.10 | | ug/Kg | | 96 | 66 - 123 | 4 | 20 |
| m,p-Xylene | | | 100 | 93.40 | | ug/Kg | | 93 | 79 - 120 | 4 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 47.64 | | ug/Kg | | 95 | 68 - 120 | 3 | 20 |
| o-Xylene | | | 50.0 | 47.63 | | ug/Kg | | 95 | 79 - 120 | 5 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: MB 570-159765/6**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159765/6**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/25/21 10:42 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159765/6**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:42 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | | *06/25/21 10:42* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | | *06/25/21 10:42* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* | | *06/25/21 10:42* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* | | *06/25/21 10:42* | *1* |

**Lab Sample ID: LCS 570-159765/3**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 45.91 | | ug/Kg | | 92 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 44.89 | | ug/Kg | | 90 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 44.78 | | ug/Kg | | 90 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 47.69 | | ug/Kg | | 95 | 80 - 125 | | |
| Benzene | | | 50.0 | 44.18 | | ug/Kg | | 88 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 49.87 | | ug/Kg | | 100 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 45.74 | | ug/Kg | | 91 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.25 | | ug/Kg | | 91 | 62 - 128 | | |
| Ethanol | | | 500 | 514.4 | | ug/Kg | | 103 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 44.83 | | ug/Kg | | 90 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 45.67 | | ug/Kg | | 91 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 89.57 | | ug/Kg | | 90 | 79 - 120 | | |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 45.32 | | ug/Kg | | 91 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 45.21 | | ug/Kg | | 90 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159765/4**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.45 | | ug/Kg | | 95 | 67 - 122 | 3 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 46.18 | | ug/Kg | | 92 | 80 - 123 | 3 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 45.49 | | ug/Kg | | 91 | 80 - 120 | 2 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 48.29 | | ug/Kg | | 97 | 80 - 125 | 1 | 20 |
| Benzene | | | 50.0 | 45.01 | | ug/Kg | | 90 | 79 - 120 | 2 | 20 |
| Carbon tetrachloride | | | 50.0 | 53.62 | | ug/Kg | | 107 | 69 - 132 | 7 | 20 |
| Chlorobenzene | | | 50.0 | 46.37 | | ug/Kg | | 93 | 80 - 120 | 1 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 46.38 | | ug/Kg | | 93 | 62 - 128 | 2 | 20 |
| Ethanol | | | 500 | 444.2 | | ug/Kg | | 89 | 48 - 151 | 15 | 29 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 570-159765/4**
**Matrix: Solid**
**Analysis Batch: 159765**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | | | 50.0 | 45.50 | | ug/Kg | | 91 | 80 - 120 | 1 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 46.45 | | ug/Kg | | 93 | 66 - 123 | 2 | 20 |
| m,p-Xylene | | | 100 | 89.56 | | ug/Kg | | 90 | 79 - 120 | 0 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 46.19 | | ug/Kg | | 92 | 68 - 120 | 2 | 20 |
| o-Xylene | | | 50.0 | 46.54 | | ug/Kg | | 93 | 79 - 120 | 3 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-159777/5**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | | 06/25/21 10:58 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | | *06/25/21 10:58* | *1* |

**Lab Sample ID: LCS 570-159777/3**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.030 | | mg/Kg | | 96 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* |

**Lab Sample ID: LCSD 570-159777/4**
**Matrix: Solid**
**Analysis Batch: 159777**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.042 | | mg/Kg | | 96 | 70 - 124 | 1 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: MB 570-160067/5**
**Matrix: Solid**
**Analysis Batch: 160067**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/26/21 13:09 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *42 - 126* | | *06/26/21 13:09* | *1* |

**Lab Sample ID: LCS 570-160067/3**
**Matrix: Solid**
**Analysis Batch: 160067**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 2.033 | | mg/Kg | | 95 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* |

**Lab Sample ID: LCSD 570-160067/4**
**Matrix: Solid**
**Analysis Batch: 160067**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.947 | | mg/Kg | | 92 | 70 - 124 | 4 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *42 - 126* |

**Lab Sample ID: MB 570-160172/5**
**Matrix: Solid**
**Analysis Batch: 160172**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/28/21 10:52 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *84* | | *42 - 126* | | *06/28/21 10:52* | *1* |

**Lab Sample ID: LCS 570-160172/3**
**Matrix: Solid**
**Analysis Batch: 160172**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.13 | 2.082 | | mg/Kg | | 98 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: LCSD 570-160172/4**
**Matrix: Solid**
**Analysis Batch: 160172**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.090 | | mg/Kg | | 98 | 70 - 124 | 0 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *42 - 126* |

**Lab Sample ID: MB 570-160362/36**
**Matrix: Solid**
**Analysis Batch: 160362**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/29/21 00:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *77* | | *42 - 126* | | *06/29/21 00:36* | *1* |

**Lab Sample ID: MB 570-160362/37**
**Matrix: Solid**
**Analysis Batch: 160362**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 2.0 | | mg/Kg | | | 06/29/21 01:00 | 20 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *85* | | *42 - 126* | | *06/29/21 01:00* | *20* |

**Lab Sample ID: LCS 570-160362/34**
**Matrix: Solid**
**Analysis Batch: 160362**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.872 | | mg/Kg | | 88 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *92* | | *42 - 126* |

**Lab Sample ID: LCSD 570-160362/35**
**Matrix: Solid**
**Analysis Batch: 160362**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 1.855 | | mg/Kg | | 87 | 70 - 124 | 1 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *91* | | *42 - 126* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-160080/1-A**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 12:34 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/26/21 13:07 | 06/28/21 12:34 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/26/21 13:07* | *06/28/21 12:34* | *1* |

**Lab Sample ID: LCS 570-160080/2-A**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 393.2 | | mg/Kg | | 98 | 80 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* |

**Lab Sample ID: LCSD 570-160080/3-A**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 395.3 | | mg/Kg | | 99 | 80 - 130 | 1 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* |

**Lab Sample ID: 570-62513-20 MS**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: LV-6-15**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 16 | | 400 | 416.8 | | mg/Kg | | 100 | 43 - 165 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *83* | | *60 - 138* |

**Lab Sample ID: 570-62513-20 MSD**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: LV-6-15**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 16 | | 402 | 421.1 | | mg/Kg | | 101 | 43 - 165 | 1 | 35 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: 570-62513-20 MSD**
**Matrix: Solid**
**Analysis Batch: 160223**

**Client Sample ID: LV-6-15**
**Prep Type: Total/NA**
**Prep Batch: 160080**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 84 | | 60 - 138 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-159297/1-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/23/21 15:01 | 06/25/21 14:58 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 87 | | 25 - 126 | 06/23/21 15:01 | 06/25/21 14:58 | 1 |
| DCB Decachlorobiphenyl (Surr) | 88 | | 20 - 155 | 06/23/21 15:01 | 06/25/21 14:58 | 1 |

**Lab Sample ID: LCS 570-159297/2-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 105.9 | | ug/Kg | | 106 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 100.5 | | ug/Kg | | 101 | 50 - 150 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 95 | | 25 - 126 |
| DCB Decachlorobiphenyl (Surr) | 91 | | 20 - 155 |

**Lab Sample ID: LCSD 570-159297/3-A**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 111.4 | | ug/Kg | | 111 | 50 - 142 | 5 | 30 |
| Aroclor-1260 | | | 100 | 106.4 | | ug/Kg | | 106 | 50 - 150 | 6 | 30 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 98 | | 25 - 126 |
| DCB Decachlorobiphenyl (Surr) | 91 | | 20 - 155 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-62513-1 MS**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | F1 | 99.7 | 142.7 | | ug/Kg | | 143 | 20 - 175 |
| Aroclor-1260 | ND | F1 F2 | 99.7 | 121.1 | | ug/Kg | | 121 | 20 - 180 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *86* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *44* | | *20 - 155* |

**Lab Sample ID: 570-62513-1 MSD**
**Matrix: Solid**
**Analysis Batch: 159618**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159297**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | F1 | 99.4 | 197.1 | F1 | ug/Kg | | 198 | 20 - 175 | 32 | 40 |
| Aroclor-1260 | ND | F1 F2 | 99.4 | 306.1 | F1 F2 | ug/Kg | | 308 | 20 - 180 | 87 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *91* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *69* | | *20 - 155* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-159898/1-A**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Arsenic | ND | | 2.50 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Barium | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Beryllium | ND | | 0.250 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Cobalt | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Chromium | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Copper | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Nickel | ND | | 0.500 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Vanadium | ND | | 1.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Zinc | ND | | 10.0 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |
| Lead | ND | | 5.00 | | mg/Kg | | 06/25/21 13:25 | 06/28/21 17:23 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-159898/2-A**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Silver | 12.3 | 11.01 | | mg/Kg | | 89 | 80 - 120 |
| Arsenic | 24.6 | 23.18 | | mg/Kg | | 94 | 80 - 120 |
| Barium | 24.6 | 25.44 | | mg/Kg | | 103 | 80 - 120 |
| Beryllium | 24.6 | 22.83 | | mg/Kg | | 93 | 80 - 120 |
| Cadmium | 24.6 | 23.50 | | mg/Kg | | 95 | 80 - 120 |
| Cobalt | 24.6 | 24.09 | | mg/Kg | | 98 | 80 - 120 |
| Chromium | 24.6 | 23.82 | | mg/Kg | | 97 | 80 - 120 |
| Copper | 24.6 | 24.65 | | mg/Kg | | 100 | 80 - 120 |
| Molybdenum | 24.6 | 24.04 | | mg/Kg | | 98 | 80 - 120 |
| Nickel | 24.6 | 24.60 | | mg/Kg | | 100 | 80 - 120 |
| Antimony | 24.6 | 23.73 | | mg/Kg | | 96 | 80 - 120 |
| Selenium | 24.6 | 22.89 | | mg/Kg | | 93 | 80 - 120 |
| Thallium | 24.6 | 24.11 | | mg/Kg | | 98 | 80 - 120 |
| Vanadium | 24.6 | 23.91 | | mg/Kg | | 97 | 80 - 120 |
| Zinc | 24.6 | 23.86 | | mg/Kg | | 97 | 80 - 120 |
| Lead | 24.6 | 22.64 | | mg/Kg | | 92 | 80 - 120 |

**Lab Sample ID: LCSD 570-159898/3-A**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Silver | 12.4 | 11.08 | | mg/Kg | | 89 | 80 - 120 | 1 | 20 |
| Arsenic | 24.9 | 22.89 | | mg/Kg | | 92 | 80 - 120 | 1 | 20 |
| Barium | 24.9 | 25.51 | | mg/Kg | | 103 | 80 - 120 | 0 | 20 |
| Beryllium | 24.9 | 22.89 | | mg/Kg | | 92 | 80 - 120 | 0 | 20 |
| Cadmium | 24.9 | 23.29 | | mg/Kg | | 94 | 80 - 120 | 1 | 20 |
| Cobalt | 24.9 | 23.97 | | mg/Kg | | 96 | 80 - 120 | 0 | 20 |
| Chromium | 24.9 | 23.87 | | mg/Kg | | 96 | 80 - 120 | 0 | 20 |
| Copper | 24.9 | 24.71 | | mg/Kg | | 99 | 80 - 120 | 0 | 20 |
| Molybdenum | 24.9 | 24.28 | | mg/Kg | | 98 | 80 - 120 | 1 | 20 |
| Nickel | 24.9 | 24.48 | | mg/Kg | | 98 | 80 - 120 | 0 | 20 |
| Antimony | 24.9 | 23.15 | | mg/Kg | | 93 | 80 - 120 | 2 | 20 |
| Selenium | 24.9 | 22.71 | | mg/Kg | | 91 | 80 - 120 | 1 | 20 |
| Thallium | 24.9 | 24.87 | | mg/Kg | | 100 | 80 - 120 | 3 | 20 |
| Vanadium | 24.9 | 24.02 | | mg/Kg | | 97 | 80 - 120 | 0 | 20 |
| Zinc | 24.9 | 23.51 | | mg/Kg | | 95 | 80 - 120 | 1 | 20 |
| Lead | 24.9 | 22.29 | | mg/Kg | | 90 | 80 - 120 | 2 | 20 |

**Lab Sample ID: 570-62513-1 MS**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 12.1 | 1.203 | F1 | mg/Kg | | 10 | 75 - 125 |
| Arsenic | ND | F1 | 24.3 | 47.15 | F1 | mg/Kg | | 194 | 75 - 125 |
| Barium | 144 | | 24.3 | 118.6 | 4 | mg/Kg | | -104 | 75 - 125 |
| Beryllium | 0.537 | | 24.3 | 20.69 | | mg/Kg | | 83 | 75 - 125 |
| Cadmium | ND | | 24.3 | 20.30 | | mg/Kg | | 84 | 75 - 125 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62513-1 MS**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Cobalt | 8.40 | | 24.3 | 28.59 | | mg/Kg | | 83 | 75 - 125 |
| Chromium | 27.6 | F1 | 24.3 | 31.53 | F1 | mg/Kg | | 16 | 75 - 125 |
| Copper | 14.2 | F1 | 24.3 | 720.9 | F1 | mg/Kg | | 2911 | 75 - 125 |
| Molybdenum | ND | F1 | 24.3 | 17.02 | F1 | mg/Kg | | 70 | 75 - 125 |
| Nickel | 49.5 | F1 | 24.3 | 29.00 | F1 | mg/Kg | | -84 | 75 - 125 |
| Antimony | ND | F1 | 24.3 | 5.294 | F1 | mg/Kg | | 22 | 75 - 125 |
| Selenium | ND | | 24.3 | 18.38 | | mg/Kg | | 76 | 75 - 125 |
| Thallium | ND | | 24.3 | 18.09 | | mg/Kg | | 75 | 75 - 125 |
| Vanadium | 23.1 | F1 | 24.3 | 39.56 | F1 | mg/Kg | | 68 | 75 - 125 |
| Zinc | 47.2 | F1 | 24.3 | 1080 | F1 | mg/Kg | | 4254 | 75 - 125 |
| Lead | 8.62 | F1 | 24.3 | 83.22 | F1 | mg/Kg | | 307 | 75 - 125 |

**Lab Sample ID: 570-62513-1 MSD**
**Matrix: Solid**
**Analysis Batch: 160592**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159898**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 12.4 | 1.286 | F1 | mg/Kg | | 10 | 75 - 125 | 7 | 20 |
| Arsenic | ND | F1 | 24.9 | 52.83 | F1 | mg/Kg | | 212 | 75 - 125 | 11 | 20 |
| Barium | 144 | | 24.9 | 119.9 | 4 | mg/Kg | | -96 | 75 - 125 | 1 | 20 |
| Beryllium | 0.537 | | 24.9 | 22.44 | | mg/Kg | | 88 | 75 - 125 | 8 | 20 |
| Cadmium | ND | | 24.9 | 22.15 | | mg/Kg | | 89 | 75 - 125 | 9 | 20 |
| Cobalt | 8.40 | | 24.9 | 30.88 | | mg/Kg | | 90 | 75 - 125 | 8 | 20 |
| Chromium | 27.6 | F1 | 24.9 | 32.68 | F1 | mg/Kg | | 21 | 75 - 125 | 4 | 20 |
| Copper | 14.2 | F1 | 24.9 | 780.4 | F1 | mg/Kg | | 3080 | 75 - 125 | 8 | 20 |
| Molybdenum | ND | F1 | 24.9 | 18.68 | | mg/Kg | | 75 | 75 - 125 | 9 | 20 |
| Nickel | 49.5 | F1 | 24.9 | 28.38 | F1 | mg/Kg | | -85 | 75 - 125 | 2 | 20 |
| Antimony | ND | F1 | 24.9 | 6.199 | F1 | mg/Kg | | 25 | 75 - 125 | 16 | 20 |
| Selenium | ND | | 24.9 | 20.70 | | mg/Kg | | 83 | 75 - 125 | 12 | 20 |
| Thallium | ND | | 24.9 | 21.73 | | mg/Kg | | 87 | 75 - 125 | 18 | 20 |
| Vanadium | 23.1 | F1 | 24.9 | 41.72 | | mg/Kg | | 75 | 75 - 125 | 5 | 20 |
| Zinc | 47.2 | F1 | 24.9 | 1180 | F1 | mg/Kg | | 4555 | 75 - 125 | 9 | 20 |
| Lead | 8.62 | F1 | 24.9 | 90.04 | F1 | mg/Kg | | 327 | 75 - 125 | 8 | 20 |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-159900/1-A**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/25/21 13:30 | 06/28/21 11:49 | 1 |

**Lab Sample ID: LCS 570-159900/2-A**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.820 | 0.8018 | | mg/Kg | | 98 | 85 - 121 |

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCSD 570-159900/3-A**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.794 | 0.7865 | | mg/Kg | | 99 | 85 - 121 | 2 | 10 |

**Lab Sample ID: 570-62513-1 MS**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.794 | 0.7489 | | mg/Kg | | 94 | 71 - 137 | | |

**Lab Sample ID: 570-62513-1 MSD**
**Matrix: Solid**
**Analysis Batch: 160370**

**Client Sample ID: LV-9-1**
**Prep Type: Total/NA**
**Prep Batch: 159900**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.847 | 0.8009 | | mg/Kg | | 95 | 71 - 137 | 7 | 14 |

## GC/MS VOA

### Prep Batch: 159328

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 5035 | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 5035 | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 5035 | |
| 570-62513-4 | LV-9-10-DUP | Total/NA | Solid | 5035 | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 5035 | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 5035 | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 5035 | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 5035 | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 5035 | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 5035 | |
| 570-62513-11 | LV-3-10-DUP | Total/NA | Solid | 5035 | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 5035 | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 5035 | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 5035 | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 5035 | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 5035 | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 5035 | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 5035 | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 5035 | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 5035 | |
| 570-62513-21 | LV-6-15-DUP | Total/NA | Solid | 5035 | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159455

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-11 | LV-3-10-DUP | Total/NA | Solid | 8260B | 159328 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 8260B | 159328 |
| MB 570-159455/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159455/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159455/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Analysis Batch: 159457

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-4 | LV-9-10-DUP | Total/NA | Solid | 8260B | 159328 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 8260B | 159328 |
| MB 570-159457/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159457/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159457/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

### Analysis Batch: 159765

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 8260B | 159328 |

## GC/MS VOA (Continued)

### Analysis Batch: 159765 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 8260B | 159328 |
| 570-62513-21 | LV-6-15-DUP | Total/NA | Solid | 8260B | 159328 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 8260B | 159328 |
| MB 570-159765/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159765/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159765/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

## GC VOA

### Prep Batch: 159328

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 5035 | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 5035 | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 5035 | |
| 570-62513-4 | LV-9-10-DUP | Total/NA | Solid | 5035 | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 5035 | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 5035 | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 5035 | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 5035 | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 5035 | |
| 570-62513-11 | LV-3-10-DUP | Total/NA | Solid | 5035 | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 5035 | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 5035 | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 5035 | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 5035 | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 5035 | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 5035 | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 5035 | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 5035 | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 5035 | |
| 570-62513-21 | LV-6-15-DUP | Total/NA | Solid | 5035 | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 5035 | |

### Prep Batch: 159331

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159777

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 8015B | 159328 |
| MB 570-159777/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-159777/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-159777/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC VOA

### Analysis Batch: 160067

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-21 | LV-6-15-DUP | Total/NA | Solid | 8015B | 159328 |
| MB 570-160067/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-160067/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-160067/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 160172

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-4 | LV-9-10-DUP | Total/NA | Solid | 8015B | 159328 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-11 | LV-3-10-DUP | Total/NA | Solid | 8015B | 159328 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 8015B | 159328 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 8015B | 159328 |
| MB 570-160172/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-160172/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-160172/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

### Analysis Batch: 160362

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 8015B | 159331 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 8015B | 159328 |
| MB 570-160362/36 | Method Blank | Total/NA | Solid | 8015B | |
| MB 570-160362/37 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-160362/34 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-160362/35 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC Semi VOA

### Prep Batch: 159297

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 3546 | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 3546 | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 3546 | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 3546 | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 3546 | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 3546 | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 3546 | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 3546 | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 3546 | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 3546 | |

## GC Semi VOA (Continued)

### Prep Batch: 159297 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 3546 | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 3546 | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 3546 | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 3546 | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 3546 | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 3546 | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 3546 | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 3546 | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 3546 | |
| MB 570-159297/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-159297/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-159297/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 3546 | |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 3546 | |

### Analysis Batch: 159618

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 8082 | 159297 |
| MB 570-159297/1-A | Method Blank | Total/NA | Solid | 8082 | 159297 |
| LCS 570-159297/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 159297 |
| LCSD 570-159297/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 159297 |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 8082 | 159297 |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 8082 | 159297 |

### Prep Batch: 160080

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 - RA | LV-9-1 | Total/NA | Solid | 3550C | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 3550C | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 3550C | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 3550C | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 3550C | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 3550C | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 3550C | |

## GC Semi VOA (Continued)

### Prep Batch: 160080 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 3550C | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 3550C | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 3550C | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 3550C | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 3550C | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 3550C | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 3550C | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 3550C | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 3550C | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 3550C | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 3550C | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 3550C | |
| MB 570-160080/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-160080/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-160080/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| 570-62513-20 MS | LV-6-15 | Total/NA | Solid | 3550C | |
| 570-62513-20 MSD | LV-6-15 | Total/NA | Solid | 3550C | |

### Analysis Batch: 160223

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 - RA | LV-9-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 8015B | 160080 |
| MB 570-160080/1-A | Method Blank | Total/NA | Solid | 8015B | 160080 |
| LCS 570-160080/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 160080 |
| LCSD 570-160080/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 160080 |
| 570-62513-20 MS | LV-6-15 | Total/NA | Solid | 8015B | 160080 |
| 570-62513-20 MSD | LV-6-15 | Total/NA | Solid | 8015B | 160080 |

## Metals

### Prep Batch: 159898

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 3050B | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 3050B | |

## Metals (Continued)

### Prep Batch: 159898 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 3050B | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 3050B | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 3050B | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 3050B | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 3050B | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 3050B | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 3050B | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 3050B | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 3050B | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 3050B | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 3050B | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 3050B | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 3050B | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 3050B | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 3050B | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 3050B | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 3050B | |
| MB 570-159898/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-159898/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-159898/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 3050B | |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 3050B | |

### Prep Batch: 159900

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 7471A | |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 7471A | |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 7471A | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 7471A | |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 7471A | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 7471A | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 7471A | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 7471A | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 7471A | |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 7471A | |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 7471A | |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 7471A | |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 7471A | |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 7471A | |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 7471A | |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 7471A | |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 7471A | |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 7471A | |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 7471A | |
| MB 570-159900/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-159900/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-159900/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 7471A | |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 7471A | |

## Metals

### Analysis Batch: 160370

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 7471A | 159900 |
| MB 570-159900/1-A | Method Blank | Total/NA | Solid | 7471A | 159900 |
| LCS 570-159900/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 159900 |
| LCSD 570-159900/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 159900 |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 7471A | 159900 |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 7471A | 159900 |

### Analysis Batch: 160592

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-2 | LV-9-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-6 | LV-7-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-12 | LV-2-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-13 | LV-2-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-14 | LV-2-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-15 | LV-2-15 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-16 | LV-2-20 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-17 | LV-6-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-18 | LV-6-5 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-19 | LV-6-10 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-20 | LV-6-15 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-22 | LV-6-20 | Total/NA | Solid | 6010B | 159898 |
| MB 570-159898/1-A | Method Blank | Total/NA | Solid | 6010B | 159898 |
| LCS 570-159898/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 159898 |
| LCSD 570-159898/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 159898 |
| 570-62513-1 MS | LV-9-1 | Total/NA | Solid | 6010B | 159898 |
| 570-62513-1 MSD | LV-9-1 | Total/NA | Solid | 6010B | 159898 |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-9-1

**Date Collected: 06/22/21 07:32**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-1

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 7.162 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 16:19 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.154 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 21:13 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | RA | | 9.98 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | RA | 5 | | | 160223 | 06/28/21 20:05 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.08 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 16:29 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:30 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 11:54 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-9-5

**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-2

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.662 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 16:47 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.524 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 159777 | 06/25/21 21:37 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.92 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 13:52 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.06 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 16:48 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:36 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:00 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-9-10

**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-3

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.32 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 17:16 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.794 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 15:34 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.00 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 14:12 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 17:06 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:39 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:02 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-9-10-DUP

**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-4

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.778 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 17:43 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.584 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 15:58 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

## Client Sample ID: LV-7-1

**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-5

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.105 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 18:12 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.048 g | 5 mL | 159331 | 06/23/21 17:10 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 20 | 5 mL | 5 mL | 160362 | 06/29/21 11:16 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.10 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 50 | | | 160223 | 06/28/21 14:31 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |

## Client Sample ID: LV-7-1

**Lab Sample ID: 570-62513-5**

**Date Collected: 06/22/21 08:54**
**Matrix: Solid**
**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.17 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 17:24 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:41 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:03 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-7-5

**Lab Sample ID: 570-62513-6**

**Date Collected: 06/22/21 08:56**
**Matrix: Solid**
**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.841 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 18:40 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.758 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160362 | 06/29/21 09:38 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.91 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 14:51 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.16 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 17:43 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.96 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 17:42 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:05 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-7-10

**Lab Sample ID: 570-62513-7**

**Date Collected: 06/22/21 09:00**
**Matrix: Solid**
**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.905 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 19:09 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.42 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 18:03 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

## Client Sample ID: LV-7-10

**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 9.99 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 15:11 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.12 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 18:01 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.98 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:03 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:11 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-3-1

**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-8

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 7.895 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 19:36 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 7.881 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 18:27 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.95 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 10 | | | 160223 | 06/28/21 15:30 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 18:59 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.99 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:05 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:13 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-3-5

**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-9

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.992 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159457 | 06/24/21 20:04 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-3-5

**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-9

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.696 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 11:16 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.19 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 15:50 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.04 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 19:17 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:07 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .58 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:14 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-3-10

**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-10

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.32 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159455 | 06/24/21 18:03 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.177 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 11:40 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.21 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 16:09 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.98 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/25/21 19:36 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.95 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:09 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:16 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-3-10-DUP

**Lab Sample ID: 570-62513-11**

**Date Collected: 06/22/21 11:14**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.578 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159455 | 06/24/21 18:29 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.827 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 12:04 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

## Client Sample ID: LV-2-1

**Lab Sample ID: 570-62513-12**

**Date Collected: 06/22/21 13:30**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.042 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159455 | 06/24/21 18:55 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.857 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 12:28 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.07 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 16:29 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.18 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 11:25 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:11 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:18 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-2-5

**Lab Sample ID: 570-62513-13**

**Date Collected: 06/22/21 13:33**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.491 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159455 | 06/24/21 19:20 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 6.351 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 14:21 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.01 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 17:08 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-2-5

**Date Collected: 06/22/21 13:33**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-13

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.11 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 11:44 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.90 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:13 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:20 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-2-10

**Date Collected: 06/22/21 13:38**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-14

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.694 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 11:39 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.132 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 14:45 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.91 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 17:27 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.09 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 12:02 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:15 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:22 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-2-15

**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-15

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.273 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 12:07 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.407 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 15:09 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-2-15

**Date Collected: 06/22/21 13:44**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-15

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.01 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 17:47 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.13 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 12:20 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:17 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:24 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-2-20

**Date Collected: 06/22/21 13:49**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-16

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.605 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 12:35 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.96 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 15:33 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.99 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 18:07 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.07 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 12:39 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.05 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:19 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:26 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-6-1

**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-17

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.744 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 15:55 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-6-1

**Date Collected: 06/22/21 15:02**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-17

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.911 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 15:57 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.95 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 18:26 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.95 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 12:57 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.08 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:21 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:27 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-6-5

**Date Collected: 06/22/21 15:09**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-18

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.543 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 13:31 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.727 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 16:21 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.01 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 18:46 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.30 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 13:15 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:30 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:33 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-6-10

**Lab Sample ID: 570-62513-19**

**Date Collected: 06/22/21 15:18**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.254 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 14:01 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.676 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 16:45 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.20 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 19:05 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.26 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 14:30 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:32 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:35 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-6-15

**Lab Sample ID: 570-62513-20**

**Date Collected: 06/22/21 15:24**

**Matrix: Solid**

**Date Received: 06/22/21 18:50**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.143 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 14:29 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.429 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 17:09 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.11 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 19:25 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.99 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 14:49 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:34 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:37 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

## Client Sample ID: LV-6-15-DUP

**Date Collected: 06/22/21 15:24**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-21

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.058 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 14:57 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.009 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160067 | 06/26/21 17:33 | P1R | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |

## Client Sample ID: LV-6-20

**Date Collected: 06/22/21 15:34**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-22

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.007 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159765 | 06/25/21 15:26 | U4JL | ECL 2 |
| | Instrument ID: GCMSCC | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.172 g | 5 g | 159328 | 06/23/21 17:04 | EDZ4 | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160172 | 06/28/21 12:52 | A9VE | ECL 2 |
| | Instrument ID: GC22 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.09 g | 10 mL | 160080 | 06/26/21 13:07 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 19:45 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.18 g | 10 mL | 159297 | 06/23/21 15:02 | OAJ3 | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159618 | 06/26/21 15:07 | UJ3K | ECL 1 |
| | Instrument ID: GC66 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 159898 | 06/25/21 13:25 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160592 | 06/28/21 18:36 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 159900 | 06/25/21 13:30 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160370 | 06/28/21 12:38 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-1
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | ECL 2 |
| 8015B | Gasoline Range Organics - (GC) | SW846 | ECL 2 |
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | ECL 1 |
| 8082 | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 7471A | Mercury (CVAA) | SW846 | ECL 1 |
| 3050B | Preparation, Metals | SW846 | ECL 1 |
| 3546 | Microwave Extraction | SW846 | ECL 1 |
| 3550C | Ultrasonic Extraction | SW846 | ECL 1 |
| 5035 | Closed System Purge and Trap | SW846 | ECL 2 |
| 7471A | Preparation, Mercury | SW846 | ECL 1 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62513-1 | LV-9-1 | Solid | 06/22/21 07:32 | 06/22/21 18:50 | |
| 570-62513-2 | LV-9-5 | Solid | 06/22/21 07:34 | 06/22/21 18:50 | |
| 570-62513-3 | LV-9-10 | Solid | 06/22/21 07:46 | 06/22/21 18:50 | |
| 570-62513-4 | LV-9-10-DUP | Solid | 06/22/21 07:46 | 06/22/21 18:50 | |
| 570-62513-5 | LV-7-1 | Solid | 06/22/21 08:54 | 06/22/21 18:50 | |
| 570-62513-6 | LV-7-5 | Solid | 06/22/21 08:56 | 06/22/21 18:50 | |
| 570-62513-7 | LV-7-10 | Solid | 06/22/21 09:00 | 06/22/21 18:50 | |
| 570-62513-8 | LV-3-1 | Solid | 06/22/21 11:08 | 06/22/21 18:50 | |
| 570-62513-9 | LV-3-5 | Solid | 06/22/21 11:12 | 06/22/21 18:50 | |
| 570-62513-10 | LV-3-10 | Solid | 06/22/21 11:14 | 06/22/21 18:50 | |
| 570-62513-11 | LV-3-10-DUP | Solid | 06/22/21 11:14 | 06/22/21 18:50 | |
| 570-62513-12 | LV-2-1 | Solid | 06/22/21 13:30 | 06/22/21 18:50 | |
| 570-62513-13 | LV-2-5 | Solid | 06/22/21 13:33 | 06/22/21 18:50 | |
| 570-62513-14 | LV-2-10 | Solid | 06/22/21 13:38 | 06/22/21 18:50 | |
| 570-62513-15 | LV-2-15 | Solid | 06/22/21 13:44 | 06/22/21 18:50 | |
| 570-62513-16 | LV-2-20 | Solid | 06/22/21 13:49 | 06/22/21 18:50 | |
| 570-62513-17 | LV-6-1 | Solid | 06/22/21 15:02 | 06/22/21 18:50 | |
| 570-62513-18 | LV-6-5 | Solid | 06/22/21 15:09 | 06/22/21 18:50 | |
| 570-62513-19 | LV-6-10 | Solid | 06/22/21 15:18 | 06/22/21 18:50 | |
| 570-62513-20 | LV-6-15 | Solid | 06/22/21 15:24 | 06/22/21 18:50 | |
| 570-62513-21 | LV-6-15-DUP | Solid | 06/22/21 15:24 | 06/22/21 18:50 | |
| 570-62513-22 | LV-6-20 | Solid | 06/22/21 15:34 | 06/22/21 18:50 | |

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

570-62513 Chain of Custody

eurofins | Environment Testing America

62513.

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | DC No: 70-33526-7726 1 |
|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 1 of 3 |
| Company: Leighton Consulting Inc. | PWSID: | Analysis Requested | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | Preservation Codes: |
| City: Irvine | TAT Requested (days): Standard 5-day | | A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z other (specify) |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | |
| Email: mhimmelstein@leightongroup com | WO #: | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | Other: |

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | N | N | N | N | N | N | | |
| 1 | LV-9-1 | 6-22-21 | 0732 | G | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 2 | LV-9-5 | | 0734 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 3 | LV-9-10 | | 0746 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 4 | LV-9-10-DUP | | 0746 | | Solid | | | X | | X | | | | 5 | 5 VOAs |
| 5 | LV-7-1 | | 0854 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 6 | LV-7-5 | | 0856 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 7 | LV-7-10 | | 0900 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 8 | LV-3-1 | | 1108 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 9 | LV-3-5 | | 1112 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 10 | LV-3-10 | | 1114 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 11 | LV-3-10-DUP | | 1114 | | Solid | | | X | | X | | | | 5 | 5 VOAs |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-22-21 1720 | Leighton | | 6/22/21 1720 | GTI |
| 2 | | 6/22/21 1850 | EGT | | 6/22/21 1850 | En |
| 3 | | Date/Time: | Company | | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.0/3.4 SCS

Ver: 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

L22513

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No.: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 2 of 3 |
| Company: Leighton Consulting Inc. | PWSID: | Analysis Requested | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | Preservation Codes. |
| City: Irvine | TAT Requested (days): Standard 5-day | | | A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M Hexane; N - None; O - AsNaO2; P - Na2O4S; Q Na2SO3; R - Na2S2O3; S - H2SO4; T TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify); Other: |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Preservation Code: | | | | | | | N | N | N | N | N | N | | |
| 12 | LV-2-1 | 6-22-21 | 1330 | G | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |
| 13 | LV-2-5 | | 1333 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 14 | LV-2-10 | | 1338 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 15 | LV-2-15 | | 1344 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 16 | LV-2-20 | | 1349 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 17 | LV-6-1 | | 1502 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 18 | LV-6-5 | | 1509 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 19 | LV-6-10 | | 1518 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 20 | LV-6-15 | | 1524 | | Solid | | | | | | | | | 6 | 5 VOAs, 1 tube |
| 21 | LV-6-15-DUP | | 1524 | | Solid | | | X | | X | | | | 5 | 5 VOAs |
| 22 | LV-6-20 | | 1534 | | Solid | | | X | X | X | X | X | X | 6 | 5 VOAs, 1 tube |

**Possible Hazard Identification**
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Villcas | 6-22-21 1720 | Leighton | | 6/22/21 1720 | ECI |
| 2 | | 6/22/21 1850 | ECI | | 6/22/21 1850 | ECI |
| 3 | | Date/Time: | Company | | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

eurofins | Environment Testing America

| Client Information | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | Carrier Tracking No(s): | COC No: 570-33526-7726.1 |
|---|---|---|---|---|
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan Dang@eurofinset.com | State of Origin: | Page: Page 3 of 3 |
| Company: Leighton Consulting Inc. | PWSID: | | | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | | |
| Email: mhimmelstein@leightongroup com | WO #: | | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes**

| | |
|---|---|
| A - HCL | M Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q - Na2SO3 |
| F - MeOH | R - Na2S2O3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V - MCAA |
| K - EDTA | W pH 4-5 |
| L - EDA | Z - other (specify) |

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | X | X | N | N | N | N | N | N | X | |
| 23 LV-9-32 | 6-22-21 | 0820 | G | Solid | | | | X | | X | X | X | 1 | 1 Jar (8-oz), HOLD |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|
| | | | |

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Marius Vilkas | 6-22-21 1720 | Leighton | | 6/22/21 1720 | EQ |
| 2 | | 6/22/21 1850 | EQ | | 6/22/21 1850 | EQ |
| 3 | | Date/Time: | Company | Received by | Date/Time | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62513-1

**Login Number: 62513**
**List Number: 1**
**Creator: Ramos, Maribel**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62513-2
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*7/9/2021 4:57:04 PM*
Sheila Luu, Project Mgmt. Assistant
Sheila.Luu@eurofinset.com

Designee for

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 5
Client Sample Results . . . . . 6
QC Sample Results . . . . . 9
QC Association Summary . . . . . 11
Lab Chronicle . . . . . 13
Certification Summary . . . . . 16
Method Summary . . . . . 17
Sample Summary . . . . . 18
Chain of Custody . . . . . 19
Receipt Checklists . . . . . 20

# Definitions/Glossary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# Case Narrative

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Job ID: 570-62513-2

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
**570-62513-2**

**Comments**
No additional comments.

**Receipt**
The samples were received on 6/22/2021 6:50 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4º C.

**HPLC/IC**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-9-5 — Lab Sample ID: 570-62513-2

No Detections.

## Client Sample ID: LV-9-10 — Lab Sample ID: 570-62513-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 3600 | | 400 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-7-1 — Lab Sample ID: 570-62513-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 700 | | 400 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-7-5 — Lab Sample ID: 570-62513-6

No Detections.

## Client Sample ID: LV-7-10 — Lab Sample ID: 570-62513-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 480 | | 400 | | ug/Kg | 10 | | 7199 | Total/NA |

## Client Sample ID: LV-3-1 — Lab Sample ID: 570-62513-8

No Detections.

## Client Sample ID: LV-3-5 — Lab Sample ID: 570-62513-9

No Detections.

## Client Sample ID: LV-3-10 — Lab Sample ID: 570-62513-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7199 - Chromium, Hexavalent (IC)

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chromium, hexavalent** | **3600** | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:25 | 10 |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chromium, hexavalent** | **700** | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:36 | 10 |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chromium, hexavalent** | **480** | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:46 | 10 |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 12:57 | 10 |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 13:08 | 10 |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 400 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 13:19 | 10 |

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

## Method: 6010B - Metals (ICP) - TCLP

**Client Sample ID: LV-7-5**
**Lab Sample ID: 570-62513-6**
**Date Collected: 06/22/21 08:56**
**Matrix: Solid**
**Date Received: 06/22/21 18:50**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:39 | 1 |

**Client Sample ID: LV-7-10**
**Lab Sample ID: 570-62513-7**
**Date Collected: 06/22/21 09:00**
**Matrix: Solid**
**Date Received: 06/22/21 18:50**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:41 | 1 |

## Method: 6010B - Metals (ICP) - STLC Citrate

**Client Sample ID: LV-9-5**
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:26 | 1 |
| Copper | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:26 | 1 |

**Client Sample ID: LV-9-10**
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:39 | 1 |

**Client Sample ID: LV-7-1**
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:41 | 1 |

**Client Sample ID: LV-7-5**
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:43 | 1 |
| Copper | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:43 | 1 |

**Client Sample ID: LV-7-10**
**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:45 | 1 |

**Client Sample ID: LV-3-1**
**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:49 | 1 |

**Client Sample ID: LV-3-5**
**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:47 | 1 |

**Client Sample ID: LV-3-10**
**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**
**Lab Sample ID: 570-62513-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:51 | 1 |

## Method: 7199 - Chromium, Hexavalent (IC)

**Lab Sample ID: MB 570-162493/1-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 390 | | ug/Kg | | 07/07/21 16:06 | 07/08/21 10:36 | 10 |

**Lab Sample ID: LCS 570-162493/2-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 19900 | 18750 | | ug/Kg | | 94 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162493/3-A**
**Matrix: Solid**
**Analysis Batch: 162597**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 162493**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 19800 | 18570 | | ug/Kg | | 94 | 80 - 120 | 1 | 20 |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: LB 570-162278/1-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Method Blank**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | LB Result | LB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:09 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 10:02 | 07/09/21 14:09 | 1 |

**Lab Sample ID: LCS 570-162278/2-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 5.614 | | mg/L | | 112 | 80 - 120 | | |
| Chromium | | | 5.00 | 5.479 | | mg/L | | 110 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162278/3-B**
**Matrix: Solid**
**Analysis Batch: 163051**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: TCLP**
**Prep Batch: 162748**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 5.614 | | mg/L | | 112 | 80 - 120 | 0 | 20 |
| Chromium | | | 5.00 | 5.471 | | mg/L | | 109 | 80 - 120 | 0 | 20 |

**Lab Sample ID: LB4 570-162303/1-C**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: Method Blank**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | LB4 Result | LB4 Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:18 | 1 |
| Copper | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:18 | 1 |
| Chromium | ND | | 0.500 | | mg/L | | 07/08/21 09:20 | 07/08/21 20:18 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-162303/2-C**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: Lab Control Sample**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 4.825 | | mg/L | | 96 | 80 - 120 | | |
| Copper | | | 5.00 | 5.387 | | mg/L | | 108 | 80 - 120 | | |
| Chromium | | | 5.00 | 5.058 | | mg/L | | 101 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-162303/3-C**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 5.00 | 4.629 | | mg/L | | 93 | 80 - 120 | 4 | 20 |
| Copper | | | 5.00 | 5.215 | | mg/L | | 104 | 80 - 120 | 3 | 20 |
| Chromium | | | 5.00 | 4.875 | | mg/L | | 97 | 80 - 120 | 4 | 20 |

**Lab Sample ID: 570-62513-2 MS**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: LV-9-5**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | 4.707 | | mg/L | | 94 | 84 - 120 | | |
| Copper | ND | | 5.00 | 5.284 | | mg/L | | 106 | 78 - 126 | | |
| Chromium | ND | | 5.00 | 4.997 | | mg/L | | 100 | 86 - 122 | | |

**Lab Sample ID: 570-62513-2 MSD**
**Matrix: Solid**
**Analysis Batch: 163009**

**Client Sample ID: LV-9-5**
**Prep Type: STLC Citrate**
**Prep Batch: 162670**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 5.00 | 4.741 | | mg/L | | 95 | 84 - 120 | 1 | 7 |
| Copper | ND | | 5.00 | 5.323 | | mg/L | | 106 | 78 - 126 | 1 | 7 |
| Chromium | ND | | 5.00 | 4.989 | | mg/L | | 100 | 86 - 122 | 0 | 8 |

# QC Association Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## HPLC/IC

### Prep Batch: 162493

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 3060A | |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 3060A | |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 3060A | |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 3060A | |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 3060A | |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 3060A | |
| MB 570-162493/1-A | Method Blank | Total/NA | Solid | 3060A | |
| LCS 570-162493/2-A | Lab Control Sample | Total/NA | Solid | 3060A | |
| LCSD 570-162493/3-A | Lab Control Sample Dup | Total/NA | Solid | 3060A | |

### Analysis Batch: 162597

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-5 | LV-7-1 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-7 | LV-7-10 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-8 | LV-3-1 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-9 | LV-3-5 | Total/NA | Solid | 7199 | 162493 |
| 570-62513-10 | LV-3-10 | Total/NA | Solid | 7199 | 162493 |
| MB 570-162493/1-A | Method Blank | Total/NA | Solid | 7199 | 162493 |
| LCS 570-162493/2-A | Lab Control Sample | Total/NA | Solid | 7199 | 162493 |
| LCSD 570-162493/3-A | Lab Control Sample Dup | Total/NA | Solid | 7199 | 162493 |

## Metals

### Leach Batch: 162278

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-6 | LV-7-5 | TCLP | Solid | 1311 | |
| 570-62513-7 | LV-7-10 | TCLP | Solid | 1311 | |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 1311 | |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 1311 | |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 1311 | |

### Leach Batch: 162303

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-2 | LV-9-5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-3 | LV-9-10 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-5 | LV-7-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-6 | LV-7-5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-7 | LV-7-10 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-8 | LV-3-1 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-9 | LV-3-5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-10 | LV-3-10 | STLC Citrate | Solid | CA WET Citrate | |
| LB4 570-162303/1-C | Method Blank | STLC Citrate | Solid | CA WET Citrate | |
| LCS 570-162303/2-C | Lab Control Sample | STLC Citrate | Solid | CA WET Citrate | |
| LCSD 570-162303/3-C | Lab Control Sample Dup | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-2 MS | LV-9-5 | STLC Citrate | Solid | CA WET Citrate | |
| 570-62513-2 MSD | LV-9-5 | STLC Citrate | Solid | CA WET Citrate | |

### Prep Batch: 162670

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-2 | LV-9-5 | STLC Citrate | Solid | Dilution | 162303 |

## Metals (Continued)

### Prep Batch: 162670 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-3 | LV-9-10 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-5 | LV-7-1 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-6 | LV-7-5 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-7 | LV-7-10 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-8 | LV-3-1 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-9 | LV-3-5 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-10 | LV-3-10 | STLC Citrate | Solid | Dilution | 162303 |
| LB4 570-162303/1-C | Method Blank | STLC Citrate | Solid | Dilution | 162303 |
| LCS 570-162303/2-C | Lab Control Sample | STLC Citrate | Solid | Dilution | 162303 |
| LCSD 570-162303/3-C | Lab Control Sample Dup | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-2 MS | LV-9-5 | STLC Citrate | Solid | Dilution | 162303 |
| 570-62513-2 MSD | LV-9-5 | STLC Citrate | Solid | Dilution | 162303 |

### Prep Batch: 162748

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-6 | LV-7-5 | TCLP | Solid | 3010A | 162278 |
| 570-62513-7 | LV-7-10 | TCLP | Solid | 3010A | 162278 |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 3010A | 162278 |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 3010A | 162278 |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 3010A | 162278 |

### Analysis Batch: 163009

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-2 | LV-9-5 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-3 | LV-9-10 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-5 | LV-7-1 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-6 | LV-7-5 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-7 | LV-7-10 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-8 | LV-3-1 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-9 | LV-3-5 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-10 | LV-3-10 | STLC Citrate | Solid | 6010B | 162670 |
| LB4 570-162303/1-C | Method Blank | STLC Citrate | Solid | 6010B | 162670 |
| LCS 570-162303/2-C | Lab Control Sample | STLC Citrate | Solid | 6010B | 162670 |
| LCSD 570-162303/3-C | Lab Control Sample Dup | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-2 MS | LV-9-5 | STLC Citrate | Solid | 6010B | 162670 |
| 570-62513-2 MSD | LV-9-5 | STLC Citrate | Solid | 6010B | 162670 |

### Analysis Batch: 163051

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62513-6 | LV-7-5 | TCLP | Solid | 6010B | 162748 |
| 570-62513-7 | LV-7-10 | TCLP | Solid | 6010B | 162748 |
| LB 570-162278/1-B | Method Blank | TCLP | Solid | 6010B | 162748 |
| LCS 570-162278/2-B | Lab Control Sample | TCLP | Solid | 6010B | 162748 |
| LCSD 570-162278/3-B | Lab Control Sample Dup | TCLP | Solid | 6010B | 162748 |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Client Sample ID: LV-9-5
**Date Collected: 06/22/21 07:34**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-2
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 50.01 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:26 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |

## Client Sample ID: LV-9-10
**Date Collected: 06/22/21 07:46**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-3
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.50 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:25 | URMH | ECL 1 |
| | Instrument ID: | IC17 | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 50.05 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:39 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |

## Client Sample ID: LV-7-1
**Date Collected: 06/22/21 08:54**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-5
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.51 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:36 | URMH | ECL 1 |
| | Instrument ID: | IC17 | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 50.01 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:41 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |

## Client Sample ID: LV-7-5
**Date Collected: 06/22/21 08:56**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-6
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 50.04 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:43 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |
| TCLP | Leach | 1311 | | | 100.11 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:39 | ULPF | ECL 1 |
| | Instrument ID: | ICP9 | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Client Sample ID: LV-7-10

**Date Collected: 06/22/21 09:00**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-7

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.51 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:46 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 49.99 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:45 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| TCLP | Leach | 1311 | | | 99.97 g | 2000 mL | 162278 | 07/06/21 12:07 | WL8G | ECL 3 |
| TCLP | Prep | 3010A | | | 5 mL | 50 mL | 162748 | 07/08/21 10:02 | WL8G | ECL 1 |
| TCLP | Analysis | 6010B | | 1 | | | 163051 | 07/09/21 14:41 | ULPF | ECL 1 |
| | Instrument ID: ICP9 | | | | | | | | | |

## Client Sample ID: LV-3-1

**Date Collected: 06/22/21 11:08**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-8

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.53 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 12:57 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 49.98 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:49 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

## Client Sample ID: LV-3-5

**Date Collected: 06/22/21 11:12**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-9

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.50 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 13:08 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |
| STLC Citrate | Leach | CA WET Citrate | | | 49.97 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:47 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |

## Client Sample ID: LV-3-10

**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-10

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3060A | | | 2.51 g | 100 mL | 162493 | 07/07/21 16:06 | IX3Z | ECL 1 |
| Total/NA | Analysis | 7199 | | 10 | | | 162597 | 07/08/21 13:19 | URMH | ECL 1 |
| | Instrument ID: IC17 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

## Client Sample ID: LV-3-10

**Date Collected: 06/22/21 11:14**
**Date Received: 06/22/21 18:50**

## Lab Sample ID: 570-62513-10

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| STLC Citrate | Leach | CA WET Citrate | | | 50.03 g | 500 mL | 162303 | 07/02/21 18:00 | WL8G | ECL 3 |
| STLC Citrate | Prep | Dilution | | | 5 mL | 50 mL | 162670 | 07/08/21 09:20 | WL8G | ECL 1 |
| STLC Citrate | Analysis | 6010B | | 1 | | | 163009 | 07/08/21 20:51 | ULPF | ECL 1 |
| | Instrument ID: | ICP8 | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Job ID: 570-62513-2
Project/Site: Rosemead Holding LLC /13111.001

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 7199 | Chromium, Hexavalent (IC) | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 1311 | TCLP Extraction | SW846 | ECL 3 |
| 3010A | Preparation, Total Metals | SW846 | ECL 1 |
| 3060A | Alkaline Digestion (Chromium, Hexavalent) | SW846 | ECL 1 |
| CA WET Citrate | California - Waste Extraction Test with Citrate Leach | CA-WET | ECL 3 |
| Dilution | Preparation / Dilution Process | None | ECL 1 |

**Protocol References:**

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62513-2

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62513-2 | LV-9-5 | Solid | 06/22/21 07:34 | 06/22/21 18:50 | |
| 570-62513-3 | LV-9-10 | Solid | 06/22/21 07:46 | 06/22/21 18:50 | |
| 570-62513-5 | LV-7-1 | Solid | 06/22/21 08:54 | 06/22/21 18:50 | |
| 570-62513-6 | LV-7-5 | Solid | 06/22/21 08:56 | 06/22/21 18:50 | |
| 570-62513-7 | LV-7-10 | Solid | 06/22/21 09:00 | 06/22/21 18:50 | |
| 570-62513-8 | LV-3-1 | Solid | 06/22/21 11:08 | 06/22/21 18:50 | |
| 570-62513-9 | LV-3-5 | Solid | 06/22/21 11:12 | 06/22/21 18:50 | |
| 570-62513-10 | LV-3-10 | Solid | 06/22/21 11:14 | 06/22/21 18:50 | |

**Eurofins Calscience LLC**
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Phone (714) 894-7501

# Chain of Custody Record

570-62513 Chain of Custody

eurofins | Environment Testing America

6/25/13.

| | | | |
|---|---|---|---|
| **Client Information** | Sampler: Marius Vilkas | Lab PM: Dang, Xuan | COC No: 70-33526-7726.1 |
| Client Contact: Matt Himmelstein | Phone: (949) 681-4276 | E-Mail: Xuan.Dang@eurofinset.com | State of Origin: | Page: Page 1 of 3 |
| Company: Leighton Consulting Inc. | PWSID: | Analysis Requested | Job #: |
| Address: 17781 Cowan | Due Date Requested: | | |
| City: Irvine | TAT Requested (days): Standard 5-day | | |
| State, Zip: CA, 92614 | Compliance Project: Δ Yes Δ No | | |
| Phone: (949) 681-4276 | PO #: 13111 001 | | |
| Email: mhimmelstein@leightongroup.com | WO #: | | |
| Project Name: Rosemead Holding LLC | Project #: 57008042 | | |
| Site: 2200 Rosemead Boulevard | SSOW#: | | |

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other: Please Perform 7/1/2021 - Added Analyses - Standard TAT

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | 8015B GRO (C4-C12) / 5035 Terracores | 8015B DRO and ORO (C13-C22 / C23-C40) | 8260 VOCs+ Oxys / 5035 Terracores | 6010B Title 22 Metals | 7471A Hg | 8082 PCBs | Analyze for CAWET for Pb | Analyze for CAWET+TCLP for Pb | Analyze for CAWET+TCLP for Cr(T) | Analyze for CAWET Cr+6 | Analyze for CAWET for Cr | Analyze for TCLP for Cr | Total Number of Containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | N | N | N | N | N | N | | | | | | | | |
| 1 | LV-9-1 | 6-22-21 | 0732 | G | Solid | | X | X | X | X | X | X | | | | | | | 6 | 5 VOAs, 1 tube |
| 2 | LV-9-5 | | 0734 | | Solid | | X | X | X | X | X | X | X | X | | | | | 6 | 5 VOAs, 1 tube |
| 3 | LV-9-10 | | 0746 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 4 | LV-9-10-DUP | | 0746 | | Solid | | X | | X | | | | | | | | | | 5 | 5 VOAs |
| 5 | LV-7-1 | | 0854 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 6 | LV-7-5 | | 0856 | | Solid | | X | X | X | X | X | X | X | X | | | | | 6 | 5 VOAs, 1 tube |
| 7 | LV-7-10 | | 0900 | | Solid | | X | X | X | X | X | X | | | | X | X | X | 6 | 5 VOAs, 1 tube |
| 8 | LV-3-1 | | 1108 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 9 | LV-3-5 | | 1112 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 10 | LV-3-10 | | 1114 | | Solid | | X | X | X | X | X | X | | | | X | X | | 6 | 5 VOAs, 1 tube |
| 11 | LV-3-10-DUP | ↓ | 1114 | ↓ | Solid | | X | | X | | | | | | | | | | 5 | 5 VOAs |

*Possible Hazard Identification*
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

*Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Empty Kit Relinquished by: | | Date: | | Time: | | Method of Shipment: | |
| Relinquished by: Marius Vilkas | Date/Time: 6-22-21 1720 | Company: Leighton | Received by: | Date/Time: 6/22/21 | 1720 | Company: ECI | |
| Relinquished by: | Date/Time: 6/22/21 1850 | Company: ECI | Received by: | Date/Time: 6/22/21 | 1850 | Company: ECI | |
| Relinquished by: | Date/Time: | Company: | Received by: | Date/Time: | | Company: | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.0/3.4 SCS

Ver 01/16/2019

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62513-2

**Login Number: 62513**
**List Number: 1**
**Creator: Ramos, Maribel**

**List Source: Eurofins Calscience LLC**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing America

# ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-62552-1
Client Project/Site: Rosemead Holding LLC /13111.001

For:
Leighton and Associates Inc
17781 Cowan
Irvine, California 92614

Attn: Robin Ferber

*Authorized for release by:*
*6/30/2021 6:36:14 PM*

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 2
Definitions/Glossary . . . . . 3
Case Narrative . . . . . 4
Detection Summary . . . . . 5
Client Sample Results . . . . . 8
Surrogate Summary . . . . . 41
QC Sample Results . . . . . 43
QC Association Summary . . . . . 52
Lab Chronicle . . . . . 57
Certification Summary . . . . . 63
Method Summary . . . . . 64
Sample Summary . . . . . 65
Chain of Custody . . . . . 66
Receipt Checklists . . . . . 68

# Definitions/Glossary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Qualifiers

### Metals

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-62552-1

### Laboratory: Eurofins Calscience LLC

**Narrative**

**Job Narrative**
**570-62552-1**

**Comments**
No additional comments.

**Receipt**
The samples were received on 6/23/2021 11:22 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3º C.

**GC/MS VOA**
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-159773.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC VOA**
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-160174.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC Semi VOA**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Organic Prep**
Method 3550C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-160306. LCS/LCSD was performed to meet QC requirement.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**VOA Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62552-1

## Client Sample ID: LV-1-1 — Lab Sample ID: 570-62552-1

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 16 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.6 | | 0.80 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 0.86 | | 0.80 | | ug/Kg | 1 | | 8260B | Total/NA |
| C23-C40 | 5.7 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 27.8 | F1 | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 1.84 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.40 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 0.491 | F1 | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 11.1 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.190 | | 0.0877 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-1-5 — Lab Sample ID: 570-62552-2

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 6.1 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 2.71 | | 2.48 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 47.8 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 1.80 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 4.06 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.18 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 11.5 | | 0.495 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 4.21 | | 0.990 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-1-10 — Lab Sample ID: 570-62552-3

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 3.54 | | 2.49 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 187 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.436 | | 0.249 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 5.39 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 10.7 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 14.5 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 24.4 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 16.3 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 19.3 | | 9.95 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 12.1 | | 4.98 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.241 | | 0.0794 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-1-15 — Lab Sample ID: 570-62552-4

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 4.09 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 252 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.606 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 7.74 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 16.1 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 17.7 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 32.4 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 23.4 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 23.0 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 5.23 | | 5.00 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62552-1

## Client Sample ID: LV-1-20 — Lab Sample ID: 570-62552-5

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 2.55 | | 2.43 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 41.2 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 1.48 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 2.68 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 3.82 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 6.30 | | 0.485 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 4.22 | | 0.971 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.112 | | 0.0877 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-5-1 — Lab Sample ID: 570-62552-6

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 20 | | 17 | | ug/Kg | 1 | | 8260B | Total/NA |
| Benzene | 1.5 | | 0.84 | | ug/Kg | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 1.4 | | 0.84 | | ug/Kg | 1 | | 8260B | Total/NA |
| Toluene | 1.1 | | 0.84 | | ug/Kg | 1 | | 8260B | Total/NA |
| Arsenic | 3.40 | | 2.45 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 109 | | 0.490 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.290 | | 0.245 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.62 | | 0.980 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 7.10 | | 0.980 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.97 | | 0.980 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 15.3 | | 0.490 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 9.24 | | 0.980 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.2 | | 9.80 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 7.28 | | 4.90 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-5-5 — Lab Sample ID: 570-62552-7

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 7.0 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Barium | 84.4 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 2.90 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 6.35 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 7.41 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.7 | | 0.498 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.63 | | 0.995 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 12.7 | | 9.95 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 6.94 | | 4.98 | | mg/Kg | 1 | | 6010B | Total/NA |

## Client Sample ID: LV-5-10 — Lab Sample ID: 570-62552-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 8.9 | | 4.9 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 3.51 | | 2.46 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 93.7 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.250 | | 0.246 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.13 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 6.69 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 8.33 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 14.3 | | 0.493 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 8.68 | | 0.985 | | mg/Kg | 1 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: LV-5-10 (Continued)
## Lab Sample ID: 570-62552-8

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Zinc | 13.3 | | 9.85 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 17.5 | | 4.93 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0850 | | 0.0833 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-5-10-DUP
## Lab Sample ID: 570-62552-9

No Detections.

## Client Sample ID: LV-5-15
## Lab Sample ID: 570-62552-10

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C23-C40 | 12 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 2.80 | | 2.50 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 166 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.365 | | 0.250 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 4.13 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 7.52 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.91 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 18.6 | | 0.500 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 9.90 | | 1.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 12.7 | | 10.0 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 7.63 | | 5.00 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.114 | | 0.0794 | | mg/Kg | 1 | | 7471A | Total/NA |

## Client Sample ID: LV-5-20
## Lab Sample ID: 570-62552-11

| Analyte | Result | Qualifier | RL | | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | 7.4 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| C23-C40 | 22 | | 5.0 | | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 4.18 | | 2.58 | | mg/Kg | 1 | | 6010B | Total/NA |
| Barium | 106 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Beryllium | 0.269 | | 0.258 | | mg/Kg | 1 | | 6010B | Total/NA |
| Cobalt | 3.32 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Chromium | 6.27 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Copper | 9.47 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Nickel | 13.8 | | 0.515 | | mg/Kg | 1 | | 6010B | Total/NA |
| Vanadium | 9.83 | | 1.03 | | mg/Kg | 1 | | 6010B | Total/NA |
| Zinc | 13.3 | | 10.3 | | mg/Kg | 1 | | 6010B | Total/NA |
| Lead | 13.6 | | 5.15 | | mg/Kg | 1 | | 6010B | Total/NA |
| Mercury | 0.0855 | | 0.0820 | | mg/Kg | 1 | | 7471A | Total/NA |

This Detection Summary does not include radiochemical test results.

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-1-1**
**Lab Sample ID: 570-62552-1**
**Date Collected: 06/23/21 07:29**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1-Dichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dibromoethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dichloroethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,2-Dichloropropane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,3-Dichloropropane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 2,2-Dichloropropane | ND | | 4.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 2-Chlorotoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 4-Chlorotoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| **Acetone** | **18** | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| **Benzene** | **1.6** | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromodichloromethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromoform | ND | | 4.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Carbon disulfide | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Carbon tetrachloride | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Chlorobenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Chloroform | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Dibromomethane | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Ethanol | ND | | 200 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Ethylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-1**
**Lab Sample ID: 570-62552-1**
**Date Collected: 06/23/21 07:29**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Methylene Chloride | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Naphthalene | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| n-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| o-Xylene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| p-Isopropyltoluene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| sec-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Styrene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| tert-Butylbenzene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Tetrachloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| **Toluene** | **0.86** | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Trichlorofluoromethane | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Vinyl acetate | ND | | 8.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Vinyl chloride | ND | | 0.80 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 12:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 12:36* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 12:36* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 12:36* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 12:36* | *1* |

**Client Sample ID: LV-1-5**
**Lab Sample ID: 570-62552-2**
**Date Collected: 06/23/21 07:36**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1-Dichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,1-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2-Dibromoethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,2-Dichloroethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-5**
**Lab Sample ID: 570-62552-2**
**Date Collected: 06/23/21 07:36**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,3-Dichloropropane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 2,2-Dichloropropane | ND | | 3.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 2-Butanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 2-Chlorotoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 2-Hexanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 4-Chlorotoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| 4-Methyl-2-pentanone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Acetone | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Benzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromodichloromethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromoform | ND | | 3.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Bromomethane | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Carbon disulfide | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Carbon tetrachloride | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Chlorobenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Chloroethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Chloroform | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Chloromethane | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Dibromochloromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Dibromomethane | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Dichlorodifluoromethane | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Ethanol | ND | | 190 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Ethylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Isopropylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| m,p-Xylene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Methylene Chloride | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Naphthalene | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| n-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| N-Propylbenzene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| o-Xylene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| p-Isopropyltoluene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| sec-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Styrene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 16 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| tert-Butylbenzene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Tetrachloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Toluene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Trichloroethene | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Trichlorofluoromethane | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Vinyl acetate | ND | | 7.8 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Vinyl chloride | ND | | 0.78 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |
| Xylenes, Total | ND | | 1.6 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 13:02* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:02* | *1* |
| *Dibromofluoromethane (Surr)* | *96* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 13:02* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:02* | *1* |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dibromoethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dichloroethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,2-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,3-Dichloropropane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 2-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 4-Chlorotoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Benzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Bromobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Bromodichloromethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-10**
**Lab Sample ID: 570-62552-3**
**Date Collected: 06/23/21 07:42**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Carbon disulfide | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Carbon tetrachloride | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Chlorobenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Chloroform | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Dibromomethane | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Ethylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Isopropylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Methylene Chloride | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Naphthalene | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| n-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| o-Xylene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| p-Isopropyltoluene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| sec-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Styrene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| tert-Butylbenzene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Tetrachloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Toluene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Trichlorofluoromethane | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Vinyl acetate | ND | | 9.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Vinyl chloride | ND | | 0.99 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 13:28* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:28* | *1* |
| *Dibromofluoromethane (Surr)* | *90* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 13:28* | *1* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:28* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-1-15**
**Lab Sample ID: 570-62552-4**
**Date Collected: 06/23/21 07:48**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1-Dichloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1-Dichloroethene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,1-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dibromoethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dichloroethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,2-Dichloropropane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,3-Dichloropropane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 2,2-Dichloropropane | ND | | 2.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 2-Butanone | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 2-Chlorotoluene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 2-Hexanone | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 4-Chlorotoluene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| 4-Methyl-2-pentanone | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Acetone | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Benzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromochloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromodichloromethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromoform | ND | | 2.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Bromomethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Carbon disulfide | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Carbon tetrachloride | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Chlorobenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Chloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Chloroform | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Chloromethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Dibromochloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Dibromomethane | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Ethanol | ND | | 130 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Ethylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-15**
**Lab Sample ID: 570-62552-4**
**Date Collected: 06/23/21 07:48**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| m,p-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Methylene Chloride | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Naphthalene | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| n-Butylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| N-Propylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| o-Xylene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| p-Isopropyltoluene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| sec-Butylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Styrene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| tert-Butylbenzene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Tetrachloroethene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Toluene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Trichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Trichlorofluoromethane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Vinyl acetate | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Vinyl chloride | ND | | 0.51 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |
| Xylenes, Total | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 13:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 13:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:54* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 13:54* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 13:54* | *1* |

**Client Sample ID: LV-1-20**
**Lab Sample ID: 570-62552-5**
**Date Collected: 06/23/21 07:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2-Dibromoethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,2-Dichloroethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-20**
**Lab Sample ID: 570-62552-5**
**Date Collected: 06/23/21 07:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,3-Dichloropropane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 2,2-Dichloropropane | ND | | 5.3 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 2-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 4-Chlorotoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Acetone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Benzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromodichloromethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromoform | ND | | 5.3 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Carbon disulfide | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Carbon tetrachloride | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Chlorobenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Chloroform | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Dibromomethane | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Ethylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Isopropylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Methylene Chloride | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Naphthalene | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| n-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| o-Xylene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| p-Isopropyltoluene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| sec-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Styrene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| tert-Butylbenzene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Tetrachloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Toluene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Trichlorofluoromethane | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Vinyl acetate | ND | | 11 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Vinyl chloride | ND | | 1.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 14:21* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 14:21* | *1* |
| *Dibromofluoromethane (Surr)* | *89* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 14:21* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 14:21* | *1* |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1-Dichloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1-Dichloroethene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dibromoethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dichloroethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,2-Dichloropropane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,3-Dichloropropane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 2,2-Dichloropropane | ND | | 4.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 2-Chlorotoluene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 4-Chlorotoluene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| **Acetone** | **20** | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| **Benzene** | **1.5** | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Bromobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Bromodichloromethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-1**
**Lab Sample ID: 570-62552-6**
**Date Collected: 06/23/21 08:49**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Carbon disulfide | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Carbon tetrachloride | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Chlorobenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Chloroform | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Dibromomethane | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Ethylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Isopropylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Methylene Chloride | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Naphthalene | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| n-Butylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| o-Xylene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| p-Isopropyltoluene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| sec-Butylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Styrene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| tert-Butylbenzene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| **Tetrachloroethene** | **1.4** | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| **Toluene** | **1.1** | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Trichlorofluoromethane | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Vinyl acetate | ND | | 8.4 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Vinyl chloride | ND | | 0.84 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 14:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 14:47* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 14:47* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 14:47* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 14:47* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-5-5**
**Lab Sample ID: 570-62552-7**
**Date Collected: 06/23/21 08:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1-Dichloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1-Dichloroethene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,1-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dibromoethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dichloroethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,2-Dichloropropane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,3-Dichloropropane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 2,2-Dichloropropane | ND | | 4.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 2-Butanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 2-Chlorotoluene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 2-Hexanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 4-Chlorotoluene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| 4-Methyl-2-pentanone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Acetone | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Benzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromodichloromethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromoform | ND | | 4.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Bromomethane | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Carbon disulfide | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Carbon tetrachloride | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Chlorobenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Chloroethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Chloroform | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Chloromethane | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Dibromochloromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Dibromomethane | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Dichlorodifluoromethane | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Ethanol | ND | | 210 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Ethylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-5**
**Lab Sample ID: 570-62552-7**
**Date Collected: 06/23/21 08:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| m,p-Xylene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Methylene Chloride | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Naphthalene | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| n-Butylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| N-Propylbenzene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| o-Xylene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| p-Isopropyltoluene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| sec-Butylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Styrene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 17 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| tert-Butylbenzene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Tetrachloroethene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Toluene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Trichloroethene | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Trichlorofluoromethane | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Vinyl acetate | ND | | 8.5 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Vinyl chloride | ND | | 0.85 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |
| Xylenes, Total | ND | | 1.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 15:13* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 15:13* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 15:13* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 15:13* | *1* |

**Client Sample ID: LV-5-10**
**Lab Sample ID: 570-62552-8**
**Date Collected: 06/23/21 09:00**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-10**
**Lab Sample ID: 570-62552-8**
**Date Collected: 06/23/21 09:00**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 2,2-Dichloropropane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromoform | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 15:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 15:39* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 15:39* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 15:39* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 15:39* | *1* |

**Client Sample ID: LV-5-10-DUP**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1-Dichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,1-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2,3-Trichloropropane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dibromoethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dichloroethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,2-Dichloropropane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,3-Dichloropropane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 2,2-Dichloropropane | ND | | 4.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 2-Butanone | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 2-Chlorotoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 2-Hexanone | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 4-Chlorotoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| 4-Methyl-2-pentanone | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Acetone | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Benzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Bromobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Bromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Bromodichloromethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-10-DUP**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 4.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Bromomethane | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Carbon disulfide | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Carbon tetrachloride | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Chlorobenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Chloroethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Chloroform | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Chloromethane | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Dibromochloromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Dibromomethane | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Dichlorodifluoromethane | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Ethanol | ND | | 240 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Ethylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Isopropylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| m,p-Xylene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Methylene Chloride | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Naphthalene | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| n-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| N-Propylbenzene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| o-Xylene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| p-Isopropyltoluene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| sec-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Styrene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 19 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| tert-Butylbenzene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Tetrachloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Toluene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Trichloroethene | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Trichlorofluoromethane | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Vinyl acetate | ND | | 9.7 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Vinyl chloride | ND | | 0.97 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |
| Xylenes, Total | ND | | 1.9 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 16:05* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:05* | *1* |
| *Dibromofluoromethane (Surr)* | *95* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 16:05* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:05* | *1* |

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: LV-5-15**
**Lab Sample ID: 570-62552-10**
**Date Collected: 06/23/21 09:10**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,1-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 2,2-Dichloropropane | ND | | 5.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 2-Butanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 2-Hexanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| 4-Methyl-2-pentanone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Acetone | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromoform | ND | | 5.2 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Bromomethane | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Chloroethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Chloromethane | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Dibromochloromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-15**
**Date Collected: 06/23/21 09:10**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| m,p-Xylene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| N-Propylbenzene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 21 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Trichloroethene | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |
| Xylenes, Total | ND | | 2.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 16:31* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:31* | *1* |
| *Dibromofluoromethane (Surr)* | *95* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 16:31* | *1* |
| *Toluene-d8 (Surr)* | *94* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:31* | *1* |

**Client Sample ID: LV-5-20**
**Date Collected: 06/23/21 09:14**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 2,2-Dichloropropane | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromoform | ND | | 5.1 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Ethanol | ND | | 260 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | 06/23/21 18:52 | 06/25/21 16:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *80 - 142* | *06/23/21 18:52* | *06/25/21 16:57* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:57* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 123* | *06/23/21 18:52* | *06/25/21 16:57* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* | *06/23/21 18:52* | *06/25/21 16:57* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.097 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 11:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 11:40* | *1* |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.091 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 12:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 12:04* | *1* |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 12:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 12:28* | *1* |

**Client Sample ID: LV-1-15**
**Date Collected: 06/23/21 07:48**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 12:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 12:52* | *1* |

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 13:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 13:16* | *1* |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.092 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 13:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *83* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 13:40* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Client Sample ID: LV-5-5**
**Date Collected: 06/23/21 08:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.085 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 14:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 14:03* | *1* |

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 14:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *98* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 14:27* | *1* |

**Client Sample ID: LV-5-10-DUP**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.11 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 14:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 14:51* | *1* |

**Client Sample ID: LV-5-15**
**Date Collected: 06/23/21 09:10**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 15:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *99* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 15:15* | *1* |

**Client Sample ID: LV-5-20**
**Date Collected: 06/23/21 09:14**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.10 | | mg/Kg | | 06/23/21 18:52 | 06/28/21 16:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* | *06/23/21 18:52* | *06/28/21 16:02* | *1* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 21:44 | 1 |
| **C23-C40** | **5.7** | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 21:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *77* | | *60 - 138* | *06/28/21 13:41* | *06/28/21 21:44* | *1* |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:04 | 1 |
| **C23-C40** | **6.1** | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *82* | | *60 - 138* | *06/28/21 13:41* | *06/28/21 22:04* | *1* |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:24 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *77* | | *60 - 138* | *06/28/21 13:41* | *06/28/21 22:24* | *1* |

**Client Sample ID: LV-1-15**
**Date Collected: 06/23/21 07:48**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:44 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/28/21 22:44 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *76* | | *60 - 138* | *06/28/21 13:41* | *06/28/21 22:44* | *1* |

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:02 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *78* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 01:02* | *1* |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:22 | 1 |
| C23-C40 | ND | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:22 | 1 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *75* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 01:22* | *1* |

**Client Sample ID: LV-5-5** — **Lab Sample ID: 570-62552-7**
**Date Collected: 06/23/21 08:53** — **Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:41 | 1 |
| **C23-C40** | **7.0** | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 01:41 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *80* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 01:41* | *1* |

**Client Sample ID: LV-5-10** — **Lab Sample ID: 570-62552-8**
**Date Collected: 06/23/21 09:00** — **Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:01 | 1 |
| **C23-C40** | **8.9** | | 4.9 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *76* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 02:01* | *1* |

**Client Sample ID: LV-5-15** — **Lab Sample ID: 570-62552-10**
**Date Collected: 06/23/21 09:10** — **Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:20 | 1 |
| **C23-C40** | **12** | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:20 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *80* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 02:20* | *1* |

**Client Sample ID: LV-5-20** — **Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14** — **Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **C13-C22** | **7.4** | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:40 | 1 |
| **C23-C40** | **22** | | 5.0 | | mg/Kg | | 06/28/21 13:41 | 06/29/21 02:40 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *77* | | *60 - 138* | *06/28/21 13:41* | *06/29/21 02:40* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1221 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1232 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1242 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1248 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1254 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1260 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1262 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |
| Aroclor-1268 | ND | | 51 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *89* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 15:09* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *93* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 15:09* | *1* |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *85* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 15:27* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *96* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 15:27* | *1* |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 15:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *89* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 15:45* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *99* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 15:45* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-1-15**
**Date Collected: 06/23/21 07:48**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *80* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 16:03* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *88* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 16:03* | *1* |

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 16:20* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *91* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 16:20* | *1* |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1221 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1232 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1242 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1248 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1254 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1260 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1262 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |
| Aroclor-1268 | ND | | 49 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:38 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *72* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 16:38* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *77* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 16:38* | *1* |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-5-5**
**Date Collected: 06/23/21 08:53**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 16:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 16:56* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *90* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 16:56* | *1* |

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *82* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 17:14* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *93* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 17:14* | *1* |

**Client Sample ID: LV-5-15**
**Date Collected: 06/23/21 09:10**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *83* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 17:32* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *94* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 17:32* | *1* |

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 17:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* | *06/24/21 11:04* | *06/26/21 17:50* | *1* |
| *DCB Decachlorobiphenyl (Surr)* | *92* | | *20 - 155* | *06/24/21 11:04* | *06/26/21 17:50* | *1* |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Arsenic | ND | | 2.43 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Barium** | **27.8** | **F1** | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Cobalt | ND | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Chromium** | **1.84** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Copper** | **3.40** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Molybdenum | ND | F1 | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Nickel** | **0.491** | **F1** | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Antimony | ND | F1 | 2.91 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Selenium | ND | F1 | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| **Vanadium** | **11.1** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Zinc | ND | F1 | 9.71 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 17:48 | 1 |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Arsenic** | **2.71** | | 2.48 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Barium** | **47.8** | | 0.495 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Beryllium | ND | | 0.248 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Cadmium | ND | | 0.495 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Cobalt** | **1.80** | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Chromium** | **4.06** | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Copper** | **3.18** | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Molybdenum | ND | | 0.495 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Nickel** | **11.5** | | 0.495 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Antimony | ND | | 2.97 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Selenium | ND | | 4.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Thallium | ND | | 4.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| **Vanadium** | **4.21** | | 0.990 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Zinc | ND | | 9.90 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |
| Lead | ND | | 4.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:38 | 1 |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Arsenic** | **3.54** | | 2.49 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Barium** | **187** | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Beryllium** | **0.436** | | 0.249 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Cobalt** | **5.39** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Chromium** | **10.7** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Copper** | **14.5** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Nickel** | **24.4** | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Vanadium** | **16.3** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Zinc** | **19.3** | | 9.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |
| **Lead** | **12.1** | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:40 | 1 |

**Client Sample ID: LV-1-15**
**Date Collected: 06/23/21 07:48**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Arsenic** | **4.09** | | 2.50 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Barium** | **252** | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Beryllium** | **0.606** | | 0.250 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Cobalt** | **7.74** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Chromium** | **16.1** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Copper** | **17.7** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Nickel** | **32.4** | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Vanadium** | **23.4** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Zinc** | **23.0** | | 10.0 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |
| **Lead** | **5.23** | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:42 | 1 |

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Arsenic** | **2.55** | | 2.43 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Barium** | **41.2** | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Beryllium | ND | | 0.243 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Cadmium | ND | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Cobalt** | **1.48** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Chromium** | **2.68** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Copper** | **3.82** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Molybdenum | ND | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Nickel** | **6.30** | | 0.485 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Antimony | ND | | 2.91 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Selenium | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Thallium | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| **Vanadium** | **4.22** | | 0.971 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Zinc | ND | | 9.71 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |
| Lead | ND | | 4.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:44 | 1 |

## Method: 6010B - Metals (ICP)

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Arsenic** | **3.40** | | 2.45 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Barium** | **109** | | 0.490 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Beryllium** | **0.290** | | 0.245 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Cadmium | ND | | 0.490 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Cobalt** | **3.62** | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Chromium** | **7.10** | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Copper** | **7.97** | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Molybdenum | ND | | 0.490 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Nickel** | **15.3** | | 0.490 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Antimony | ND | | 2.94 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Selenium | ND | | 4.90 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| Thallium | ND | | 4.90 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Vanadium** | **9.24** | | 0.980 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Zinc** | **13.2** | | 9.80 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |
| **Lead** | **7.28** | | 4.90 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:46 | 1 |

**Client Sample ID: LV-5-5**
**Date Collected: 06/23/21 08:53**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Arsenic | ND | | 2.49 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Barium** | **84.4** | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Beryllium | ND | | 0.249 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Cobalt** | **2.90** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Chromium** | **6.35** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Copper** | **7.41** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Nickel** | **14.7** | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Vanadium** | **8.63** | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Zinc** | **12.7** | | 9.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |
| **Lead** | **6.94** | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:48 | 1 |

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**

**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Arsenic** | **3.51** | | 2.46 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Barium** | **93.7** | | 0.493 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Beryllium** | **0.250** | | 0.246 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| Cadmium | ND | | 0.493 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Cobalt** | **3.13** | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Chromium** | **6.69** | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Copper** | **8.33** | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Molybdenum | ND | | 0.493 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Nickel** | **14.3** | | 0.493 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| Antimony | ND | | 2.96 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| Selenium | ND | | 4.93 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| Thallium | ND | | 4.93 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Vanadium** | **8.68** | | 0.985 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Zinc** | **13.3** | | 9.85 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |
| **Lead** | **17.5** | | 4.93 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:50 | 1 |

**Client Sample ID: LV-5-15**
**Date Collected: 06/23/21 09:10**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Arsenic** | **2.80** | | 2.50 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Barium** | **166** | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Beryllium** | **0.365** | | 0.250 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Cadmium | ND | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Cobalt** | **4.13** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Chromium** | **7.52** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Copper** | **9.91** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Molybdenum | ND | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Nickel** | **18.6** | | 0.500 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Antimony | ND | | 3.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Selenium | ND | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| Thallium | ND | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Vanadium** | **9.90** | | 1.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Zinc** | **12.7** | | 10.0 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |
| **Lead** | **7.63** | | 5.00 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:52 | 1 |

**Client Sample ID: LV-5-20**
**Date Collected: 06/23/21 09:14**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Arsenic** | **4.18** | | 2.58 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Barium** | **106** | | 0.515 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Beryllium** | **0.269** | | 0.258 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Cadmium | ND | | 0.515 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Cobalt** | **3.32** | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Chromium** | **6.27** | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Copper** | **9.47** | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Molybdenum | ND | | 0.515 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Nickel** | **13.8** | | 0.515 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Antimony | ND | | 3.09 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Selenium | ND | | 5.15 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| Thallium | ND | | 5.15 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Vanadium** | **9.83** | | 1.03 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Zinc** | **13.3** | | 10.3 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |
| **Lead** | **13.6** | | 5.15 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:54 | 1 |

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-1-1**
**Date Collected: 06/23/21 07:29**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.190** | | 0.0877 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:14 | 1 |

**Client Sample ID: LV-1-5**
**Date Collected: 06/23/21 07:36**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0833 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:20 | 1 |

**Client Sample ID: LV-1-10**
**Date Collected: 06/23/21 07:42**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.241** | | 0.0794 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:22 | 1 |

**Client Sample ID: LV-1-15**
**Date Collected: 06/23/21 07:48**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0847 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:23 | 1 |

**Client Sample ID: LV-1-20**
**Date Collected: 06/23/21 07:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.112** | | 0.0877 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:25 | 1 |

**Client Sample ID: LV-5-1**
**Date Collected: 06/23/21 08:49**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0806 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:31 | 1 |

**Client Sample ID: LV-5-5**
**Date Collected: 06/23/21 08:53**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:33 | 1 |

**Client Sample ID: LV-5-10**
**Date Collected: 06/23/21 09:00**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.0850** | | 0.0833 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:34 | 1 |

**Client Sample ID: LV-5-15**
**Date Collected: 06/23/21 09:10**
**Date Received: 06/23/21 11:22**
**Lab Sample ID: 570-62552-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.114** | | 0.0794 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:36 | 1 |

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 7471A - Mercury (CVAA)

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.0855 | | 0.0820 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:38 | 1 |

# Surrogate Summary

Client: Leighton and Associates Inc
Project/Site: Rosemead Holding LLC /13111.001

Job ID: 570-62552-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-142) | (80-120) | (80-123) | (80-120) |
| 570-62552-1 | LV-1-1 | 106 | 101 | 99 | 97 |
| 570-62552-2 | LV-1-5 | 103 | 100 | 96 | 97 |
| 570-62552-3 | LV-1-10 | 96 | 100 | 90 | 95 |
| 570-62552-4 | LV-1-15 | 107 | 102 | 100 | 97 |
| 570-62552-5 | LV-1-20 | 97 | 101 | 89 | 96 |
| 570-62552-6 | LV-5-1 | 105 | 101 | 97 | 96 |
| 570-62552-7 | LV-5-5 | 103 | 102 | 97 | 97 |
| 570-62552-8 | LV-5-10 | 104 | 100 | 97 | 96 |
| 570-62552-9 | LV-5-10-DUP | 103 | 100 | 95 | 98 |
| 570-62552-10 | LV-5-15 | 100 | 98 | 95 | 94 |
| 570-62552-11 | LV-5-20 | 104 | 100 | 97 | 96 |
| LCS 570-159773/3 | Lab Control Sample | 93 | 101 | 92 | 96 |
| LCSD 570-159773/4 | Lab Control Sample Dup | 95 | 99 | 94 | 95 |
| MB 570-159773/6 | Method Blank | 96 | 100 | 94 | 95 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8015B - Gasoline Range Organics - (GC)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| | | BFB1 |
| Lab Sample ID | Client Sample ID | (42-126) |
| 570-62552-1 | LV-1-1 | 90 |
| 570-62552-2 | LV-1-5 | 103 |
| 570-62552-3 | LV-1-10 | 99 |
| 570-62552-4 | LV-1-15 | 99 |
| 570-62552-5 | LV-1-20 | 95 |
| 570-62552-6 | LV-5-1 | 83 |
| 570-62552-7 | LV-5-5 | 98 |
| 570-62552-8 | LV-5-10 | 98 |
| 570-62552-9 | LV-5-10-DUP | 94 |
| 570-62552-10 | LV-5-15 | 99 |
| 570-62552-11 | LV-5-20 | 94 |
| LCS 570-160174/3 | Lab Control Sample | 94 |
| LCSD 570-160174/4 | Lab Control Sample Dup | 103 |
| MB 570-160174/5 | Method Blank | 93 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

# Surrogate Summary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | OTCSN1 | | | | | | | | |
| Lab Sample ID | Client Sample ID | (60-138) | | | | | | | | |
| 570-62552-1 | LV-1-1 | 77 | | | | | | | | |
| 570-62552-2 | LV-1-5 | 82 | | | | | | | | |
| 570-62552-3 | LV-1-10 | 77 | | | | | | | | |
| 570-62552-4 | LV-1-15 | 76 | | | | | | | | |
| 570-62552-5 | LV-1-20 | 78 | | | | | | | | |
| 570-62552-6 | LV-5-1 | 75 | | | | | | | | |
| 570-62552-7 | LV-5-5 | 80 | | | | | | | | |
| 570-62552-8 | LV-5-10 | 76 | | | | | | | | |
| 570-62552-10 | LV-5-15 | 80 | | | | | | | | |
| 570-62552-11 | LV-5-20 | 77 | | | | | | | | |
| LCS 570-160306/2-A | Lab Control Sample | 87 | | | | | | | | |
| LCSD 570-160306/3-A | Lab Control Sample Dup | 87 | | | | | | | | |
| MB 570-160306/1-A | Method Blank | 86 | | | | | | | | |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | TCX1 | DCB1 | | | | | | | |
| Lab Sample ID | Client Sample ID | (25-126) | (20-155) | | | | | | | |
| 570-62552-1 | LV-1-1 | 89 | 93 | | | | | | | |
| 570-62552-2 | LV-1-5 | 85 | 96 | | | | | | | |
| 570-62552-3 | LV-1-10 | 89 | 99 | | | | | | | |
| 570-62552-4 | LV-1-15 | 80 | 88 | | | | | | | |
| 570-62552-5 | LV-1-20 | 81 | 91 | | | | | | | |
| 570-62552-6 | LV-5-1 | 72 | 77 | | | | | | | |
| 570-62552-7 | LV-5-5 | 82 | 90 | | | | | | | |
| 570-62552-8 | LV-5-10 | 82 | 93 | | | | | | | |
| 570-62552-10 | LV-5-15 | 83 | 94 | | | | | | | |
| 570-62552-11 | LV-5-20 | 81 | 92 | | | | | | | |
| 570-62552-11 MS | LV-5-20 | 81 | 89 | | | | | | | |
| 570-62552-11 MSD | LV-5-20 | 96 | 105 | | | | | | | |
| LCS 570-159524/2-A | Lab Control Sample | 103 | 107 | | | | | | | |
| LCSD 570-159524/3-A | Lab Control Sample Dup | 104 | 111 | | | | | | | |
| MB 570-159524/1-A | Method Blank | 101 | 107 | | | | | | | |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 570-159773/6**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1,1-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,1-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2,3-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2,3-Trichloropropane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2,4-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,3,5-Trimethylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,3-Dichloropropane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 2,2-Dichloropropane | ND | | 5.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 2-Butanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 2-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 2-Hexanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 4-Chlorotoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| 4-Methyl-2-pentanone | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Acetone | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Benzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromodichloromethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromoform | ND | | 5.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Bromomethane | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Carbon disulfide | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Carbon tetrachloride | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Chlorobenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Chloroethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Chloroform | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Chloromethane | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Dibromochloromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Dibromomethane | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Di-isopropyl ether (DIPE) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Ethanol | ND | | 250 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Ethylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 570-159773/6**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl-t-butyl ether (ETBE) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Isopropylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| m,p-Xylene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Methylene Chloride | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Methyl-t-Butyl Ether (MTBE) | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Naphthalene | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| n-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| N-Propylbenzene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| o-Xylene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| p-Isopropyltoluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| sec-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Styrene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Tert-amyl-methyl ether (TAME) | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| tert-Butyl alcohol (TBA) | ND | | 20 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| tert-Butylbenzene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Tetrachloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Toluene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Trichloroethene | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Trichlorofluoromethane | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Vinyl acetate | ND | | 10 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Vinyl chloride | ND | | 1.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |
| Xylenes, Total | ND | | 2.0 | | ug/Kg | | | 06/25/21 10:28 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *80 - 142* | | *06/25/21 10:28* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *80 - 120* | | *06/25/21 10:28* | *1* |
| *Dibromofluoromethane (Surr)* | *94* | | *80 - 123* | | *06/25/21 10:28* | *1* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* | | *06/25/21 10:28* | *1* |

**Lab Sample ID: LCS 570-159773/3**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 45.91 | | ug/Kg | | 92 | 67 - 122 | | |
| 1,2-Dibromoethane | | | 50.0 | 57.28 | | ug/Kg | | 115 | 80 - 123 | | |
| 1,2-Dichlorobenzene | | | 50.0 | 52.66 | | ug/Kg | | 105 | 80 - 120 | | |
| 1,2-Dichloroethane | | | 50.0 | 52.28 | | ug/Kg | | 105 | 80 - 125 | | |
| Benzene | | | 50.0 | 44.94 | | ug/Kg | | 90 | 79 - 120 | | |
| Carbon tetrachloride | | | 50.0 | 47.22 | | ug/Kg | | 94 | 69 - 132 | | |
| Chlorobenzene | | | 50.0 | 53.01 | | ug/Kg | | 106 | 80 - 120 | | |
| Di-isopropyl ether (DIPE) | | | 50.0 | 45.91 | | ug/Kg | | 92 | 62 - 128 | | |
| Ethanol | | | 500 | 516.3 | | ug/Kg | | 103 | 48 - 151 | | |
| Ethylbenzene | | | 50.0 | 53.55 | | ug/Kg | | 107 | 80 - 120 | | |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 46.98 | | ug/Kg | | 94 | 66 - 123 | | |
| m,p-Xylene | | | 100 | 108.2 | | ug/Kg | | 108 | 79 - 120 | | |

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 570-159773/3**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 44.56 | | ug/Kg | | 89 | 68 - 120 | | |
| o-Xylene | | | 50.0 | 54.41 | | ug/Kg | | 109 | 79 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *93* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *92* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *96* | | *80 - 120* |

**Lab Sample ID: LCSD 570-159773/4**
**Matrix: Solid**
**Analysis Batch: 159773**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | | | 50.0 | 47.60 | | ug/Kg | | 95 | 67 - 122 | 4 | 20 |
| 1,2-Dibromoethane | | | 50.0 | 58.83 | | ug/Kg | | 118 | 80 - 123 | 3 | 20 |
| 1,2-Dichlorobenzene | | | 50.0 | 54.61 | | ug/Kg | | 109 | 80 - 120 | 4 | 20 |
| 1,2-Dichloroethane | | | 50.0 | 54.44 | | ug/Kg | | 109 | 80 - 125 | 4 | 20 |
| Benzene | | | 50.0 | 46.78 | | ug/Kg | | 94 | 79 - 120 | 4 | 20 |
| Carbon tetrachloride | | | 50.0 | 48.73 | | ug/Kg | | 97 | 69 - 132 | 3 | 20 |
| Chlorobenzene | | | 50.0 | 54.89 | | ug/Kg | | 110 | 80 - 120 | 3 | 20 |
| Di-isopropyl ether (DIPE) | | | 50.0 | 47.66 | | ug/Kg | | 95 | 62 - 128 | 4 | 20 |
| Ethanol | | | 500 | 513.1 | | ug/Kg | | 103 | 48 - 151 | 1 | 29 |
| Ethylbenzene | | | 50.0 | 55.20 | | ug/Kg | | 110 | 80 - 120 | 3 | 20 |
| Ethyl-t-butyl ether (ETBE) | | | 50.0 | 48.91 | | ug/Kg | | 98 | 66 - 123 | 4 | 20 |
| m,p-Xylene | | | 100 | 112.0 | | ug/Kg | | 112 | 79 - 120 | 3 | 20 |
| Methyl-t-Butyl Ether (MTBE) | | | 50.0 | 48.31 | | ug/Kg | | 97 | 68 - 120 | 8 | 20 |
| o-Xylene | | | 50.0 | 56.77 | | ug/Kg | | 114 | 79 - 120 | 4 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *80 - 142* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *94* | | *80 - 123* |
| *Toluene-d8 (Surr)* | *95* | | *80 - 120* |

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 570-160174/5**
**Matrix: Solid**
**Analysis Batch: 160174**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C12) | ND | | 0.099 | | mg/Kg | | | 06/28/21 10:52 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *42 - 126* | | *06/28/21 10:52* | *1* |

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: LCS 570-160174/3**
**Matrix: Solid**
**Analysis Batch: 160174**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.085 | | mg/Kg | | 98 | 70 - 124 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *94* | | *42 - 126* |

**Lab Sample ID: LCSD 570-160174/4**
**Matrix: Solid**
**Analysis Batch: 160174**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (C4-C13) | | | 2.12 | 2.135 | | mg/Kg | | 101 | 70 - 124 | 2 | 18 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *42 - 126* |

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-160306/1-A**
**Matrix: Solid**
**Analysis Batch: 160222**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 160306**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| C13-C22 | ND | | 5.0 | | mg/Kg | | 06/28/21 11:51 | 06/28/21 12:07 | 1 |
| C23-C40 | ND | | 5.0 | | mg/Kg | | 06/28/21 11:51 | 06/28/21 12:07 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *86* | | *60 - 138* | *06/28/21 11:51* | *06/28/21 12:07* | *1* |

**Lab Sample ID: LCS 570-160306/2-A**
**Matrix: Solid**
**Analysis Batch: 160222**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 160306**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 417.5 | | mg/Kg | | 104 | 80 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *87* | | *60 - 138* |

**Lab Sample ID: LCSD 570-160306/3-A**
**Matrix: Solid**
**Analysis Batch: 160222**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 160306**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 417.6 | | mg/Kg | | 104 | 80 - 130 | 0 | 20 |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCSD 570-160306/3-A**
**Matrix: Solid**
**Analysis Batch: 160222**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 160306**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 87 | | 60 - 138 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-159524/1-A**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1221 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1232 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1242 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1248 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1254 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1260 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1262 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| Aroclor-1268 | ND | | 50 | | ug/Kg | | 06/24/21 11:04 | 06/26/21 10:49 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 101 | | 25 - 126 | 06/24/21 11:04 | 06/26/21 10:49 | 1 |
| DCB Decachlorobiphenyl (Surr) | 107 | | 20 - 155 | 06/24/21 11:04 | 06/26/21 10:49 | 1 |

**Lab Sample ID: LCS 570-159524/2-A**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 101.1 | | ug/Kg | | 101 | 50 - 142 | | |
| Aroclor-1260 | | | 100 | 100.5 | | ug/Kg | | 101 | 50 - 150 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 103 | | 25 - 126 |
| DCB Decachlorobiphenyl (Surr) | 107 | | 20 - 155 |

**Lab Sample ID: LCSD 570-159524/3-A**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 100 | 99.89 | | ug/Kg | | 100 | 50 - 142 | 1 | 30 |
| Aroclor-1260 | | | 100 | 105.3 | | ug/Kg | | 105 | 50 - 150 | 5 | 30 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene (Surr) | 104 | | 25 - 126 |
| DCB Decachlorobiphenyl (Surr) | 111 | | 20 - 155 |

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-62552-11 MS**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: LV-5-20**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 98.5 | 99.42 | | ug/Kg | | 101 | 20 - 175 |
| Aroclor-1260 | ND | | 98.5 | 84.62 | | ug/Kg | | 86 | 20 - 180 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *81* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *89* | | *20 - 155* |

**Lab Sample ID: 570-62552-11 MSD**
**Matrix: Solid**
**Analysis Batch: 159953**

**Client Sample ID: LV-5-20**
**Prep Type: Total/NA**
**Prep Batch: 159524**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 100 | 93.86 | | ug/Kg | | 93 | 20 - 175 | 6 | 40 |
| Aroclor-1260 | ND | | 100 | 101.4 | | ug/Kg | | 101 | 20 - 180 | 18 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene (Surr)* | *96* | | *25 - 126* |
| *DCB Decachlorobiphenyl (Surr)* | *105* | | *20 - 155* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-160342/1-A**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Arsenic | ND | | 2.49 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Barium | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Beryllium | ND | | 0.249 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Cadmium | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Cobalt | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Chromium | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Copper | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Molybdenum | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Nickel | ND | | 0.498 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Antimony | ND | | 2.99 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Selenium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Thallium | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Vanadium | ND | | 0.995 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Zinc | ND | | 9.95 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |
| Lead | ND | | 4.98 | | mg/Kg | | 06/28/21 14:18 | 06/29/21 11:17 | 1 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 570-160342/2-A**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Silver | 12.3 | 11.97 | | mg/Kg | | 97 | 80 - 120 |
| Arsenic | 24.6 | 25.27 | | mg/Kg | | 103 | 80 - 120 |
| Barium | 24.6 | 28.93 | | mg/Kg | | 117 | 80 - 120 |
| Beryllium | 24.6 | 25.70 | | mg/Kg | | 104 | 80 - 120 |
| Cadmium | 24.6 | 26.57 | | mg/Kg | | 108 | 80 - 120 |
| Cobalt | 24.6 | 26.71 | | mg/Kg | | 108 | 80 - 120 |
| Chromium | 24.6 | 27.42 | | mg/Kg | | 111 | 80 - 120 |
| Copper | 24.6 | 29.51 | | mg/Kg | | 120 | 80 - 120 |
| Molybdenum | 24.6 | 25.04 | | mg/Kg | | 102 | 80 - 120 |
| Nickel | 24.6 | 28.34 | | mg/Kg | | 115 | 80 - 120 |
| Antimony | 24.6 | 25.40 | | mg/Kg | | 103 | 80 - 120 |
| Selenium | 24.6 | 25.33 | | mg/Kg | | 103 | 80 - 120 |
| Thallium | 24.6 | 24.57 | | mg/Kg | | 100 | 80 - 120 |
| Vanadium | 24.6 | 27.63 | | mg/Kg | | 112 | 80 - 120 |
| Zinc | 24.6 | 26.43 | | mg/Kg | | 107 | 80 - 120 |
| Lead | 24.6 | 25.83 | | mg/Kg | | 105 | 80 - 120 |

**Lab Sample ID: LCSD 570-160342/3-A**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Silver | 12.4 | 12.07 | | mg/Kg | | 98 | 80 - 120 | 1 | 20 |
| Arsenic | 24.8 | 25.07 | | mg/Kg | | 101 | 80 - 120 | 1 | 20 |
| Barium | 24.8 | 29.12 | | mg/Kg | | 118 | 80 - 120 | 1 | 20 |
| Beryllium | 24.8 | 26.14 | | mg/Kg | | 106 | 80 - 120 | 2 | 20 |
| Cadmium | 24.8 | 26.63 | | mg/Kg | | 108 | 80 - 120 | 0 | 20 |
| Cobalt | 24.8 | 26.72 | | mg/Kg | | 108 | 80 - 120 | 0 | 20 |
| Chromium | 24.8 | 27.62 | | mg/Kg | | 112 | 80 - 120 | 1 | 20 |
| Copper | 24.8 | 29.71 | | mg/Kg | | 120 | 80 - 120 | 1 | 20 |
| Molybdenum | 24.8 | 25.54 | | mg/Kg | | 103 | 80 - 120 | 2 | 20 |
| Nickel | 24.8 | 28.33 | | mg/Kg | | 114 | 80 - 120 | 0 | 20 |
| Antimony | 24.8 | 25.67 | | mg/Kg | | 104 | 80 - 120 | 1 | 20 |
| Selenium | 24.8 | 25.75 | | mg/Kg | | 104 | 80 - 120 | 2 | 20 |
| Thallium | 24.8 | 24.74 | | mg/Kg | | 100 | 80 - 120 | 1 | 20 |
| Vanadium | 24.8 | 27.78 | | mg/Kg | | 112 | 80 - 120 | 1 | 20 |
| Zinc | 24.8 | 26.39 | | mg/Kg | | 107 | 80 - 120 | 0 | 20 |
| Lead | 24.8 | 25.66 | | mg/Kg | | 104 | 80 - 120 | 1 | 20 |

**Lab Sample ID: 570-62552-1 MS**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: LV-1-1**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 12.0 | 1.594 | F1 | mg/Kg | | 13 | 75 - 125 |
| Arsenic | ND | | 24.0 | 23.27 | | mg/Kg | | 97 | 75 - 125 |
| Barium | 27.8 | F1 | 24.0 | 114.8 | F1 | mg/Kg | | 362 | 75 - 125 |
| Beryllium | ND | | 24.0 | 23.58 | | mg/Kg | | 98 | 75 - 125 |
| Cadmium | ND | | 24.0 | 22.74 | | mg/Kg | | 95 | 75 - 125 |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 570-62552-1 MS**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: LV-1-1**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Cobalt | ND | | 24.0 | 25.53 | | mg/Kg | | 104 | 75 - 125 |
| Chromium | 1.84 | | 24.0 | 30.32 | | mg/Kg | | 118 | 75 - 125 |
| Copper | 3.40 | | 24.0 | 29.40 | | mg/Kg | | 108 | 75 - 125 |
| Molybdenum | ND | F1 | 24.0 | 16.03 | F1 | mg/Kg | | 67 | 75 - 125 |
| Nickel | 0.491 | F1 | 24.0 | 37.22 | F1 | mg/Kg | | 153 | 75 - 125 |
| Antimony | ND | F1 | 24.0 | 5.159 | F1 | mg/Kg | | 21 | 75 - 125 |
| Selenium | ND | F1 | 24.0 | 12.25 | F1 | mg/Kg | | 51 | 75 - 125 |
| Thallium | ND | | 24.0 | 20.34 | | mg/Kg | | 85 | 75 - 125 |
| Vanadium | 11.1 | | 24.0 | 32.36 | | mg/Kg | | 88 | 75 - 125 |
| Zinc | ND | F1 | 24.0 | 32.71 | F1 | mg/Kg | | 136 | 75 - 125 |
| Lead | ND | | 24.0 | 26.85 | | mg/Kg | | 96 | 75 - 125 |

**Lab Sample ID: 570-62552-1 MSD**
**Matrix: Solid**
**Analysis Batch: 160675**

**Client Sample ID: LV-1-1**
**Prep Type: Total/NA**
**Prep Batch: 160342**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Silver | ND | F1 | 12.2 | 1.650 | F1 | mg/Kg | | 14 | 75 - 125 | 3 | 20 |
| Arsenic | ND | | 24.4 | 23.56 | | mg/Kg | | 97 | 75 - 125 | 1 | 20 |
| Barium | 27.8 | F1 | 24.4 | 116.3 | F1 | mg/Kg | | 363 | 75 - 125 | 1 | 20 |
| Beryllium | ND | | 24.4 | 23.67 | | mg/Kg | | 97 | 75 - 125 | 0 | 20 |
| Cadmium | ND | | 24.4 | 22.79 | | mg/Kg | | 93 | 75 - 125 | 0 | 20 |
| Cobalt | ND | | 24.4 | 25.72 | | mg/Kg | | 103 | 75 - 125 | 1 | 20 |
| Chromium | 1.84 | | 24.4 | 30.83 | | mg/Kg | | 119 | 75 - 125 | 2 | 20 |
| Copper | 3.40 | | 24.4 | 30.08 | | mg/Kg | | 109 | 75 - 125 | 2 | 20 |
| Molybdenum | ND | F1 | 24.4 | 15.80 | F1 | mg/Kg | | 65 | 75 - 125 | 1 | 20 |
| Nickel | 0.491 | F1 | 24.4 | 37.71 | F1 | mg/Kg | | 153 | 75 - 125 | 1 | 20 |
| Antimony | ND | F1 | 24.4 | 5.297 | F1 | mg/Kg | | 22 | 75 - 125 | 3 | 20 |
| Selenium | ND | F1 | 24.4 | 13.40 | F1 | mg/Kg | | 55 | 75 - 125 | 9 | 20 |
| Thallium | ND | | 24.4 | 21.35 | | mg/Kg | | 88 | 75 - 125 | 5 | 20 |
| Vanadium | 11.1 | | 24.4 | 32.86 | | mg/Kg | | 89 | 75 - 125 | 2 | 20 |
| Zinc | ND | F1 | 24.4 | 33.14 | F1 | mg/Kg | | 136 | 75 - 125 | 1 | 20 |
| Lead | ND | | 24.4 | 26.36 | | mg/Kg | | 93 | 75 - 125 | 2 | 20 |

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID: MB 570-160346/1-A**
**Matrix: Solid**
**Analysis Batch: 160679**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 160346**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | | 0.0820 | | mg/Kg | | 06/28/21 14:37 | 06/29/21 13:09 | 1 |

**Lab Sample ID: LCS 570-160346/2-A**
**Matrix: Solid**
**Analysis Batch: 160679**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 160346**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.833 | 0.8254 | | mg/Kg | | 99 | 85 - 121 |

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCSD 570-160346/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 160679**
**Prep Batch: 160346**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.847 | 0.8693 | | mg/Kg | | 103 | 85 - 121 | 5 | 10 |

**Lab Sample ID: 570-62552-1 MS**
**Client Sample ID: LV-1-1**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 160679**
**Prep Batch: 160346**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.190 | | 0.862 | 1.052 | | mg/Kg | | 100 | 71 - 137 | | |

**Lab Sample ID: 570-62552-1 MSD**
**Client Sample ID: LV-1-1**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 160679**
**Prep Batch: 160346**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.190 | | 0.820 | 1.126 | | mg/Kg | | 114 | 71 - 137 | 7 | 14 |

## GC/MS VOA

### Prep Batch: 159378

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 5035 | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 5035 | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 5035 | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 5035 | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 5035 | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 5035 | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 5035 | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 5035 | |
| 570-62552-9 | LV-5-10-DUP | Total/NA | Solid | 5035 | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 5035 | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 5035 | |

### Analysis Batch: 159773

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-9 | LV-5-10-DUP | Total/NA | Solid | 8260B | 159378 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 8260B | 159378 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 8260B | 159378 |
| MB 570-159773/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 570-159773/3 | Lab Control Sample | Total/NA | Solid | 8260B | |
| LCSD 570-159773/4 | Lab Control Sample Dup | Total/NA | Solid | 8260B | |

## GC VOA

### Prep Batch: 159378

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 5035 | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 5035 | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 5035 | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 5035 | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 5035 | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 5035 | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 5035 | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 5035 | |
| 570-62552-9 | LV-5-10-DUP | Total/NA | Solid | 5035 | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 5035 | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 5035 | |

### Analysis Batch: 160174

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 8015B | 159378 |

## GC VOA (Continued)

### Analysis Batch: 160174 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-9 | LV-5-10-DUP | Total/NA | Solid | 8015B | 159378 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 8015B | 159378 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 8015B | 159378 |
| MB 570-160174/5 | Method Blank | Total/NA | Solid | 8015B | |
| LCS 570-160174/3 | Lab Control Sample | Total/NA | Solid | 8015B | |
| LCSD 570-160174/4 | Lab Control Sample Dup | Total/NA | Solid | 8015B | |

## GC Semi VOA

### Prep Batch: 159524

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 3546 | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 3546 | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 3546 | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 3546 | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 3546 | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 3546 | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 3546 | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 3546 | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 3546 | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 3546 | |
| MB 570-159524/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 570-159524/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 570-159524/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 570-62552-11 MS | LV-5-20 | Total/NA | Solid | 3546 | |
| 570-62552-11 MSD | LV-5-20 | Total/NA | Solid | 3546 | |

### Analysis Batch: 159953

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 8082 | 159524 |
| MB 570-159524/1-A | Method Blank | Total/NA | Solid | 8082 | 159524 |
| LCS 570-159524/2-A | Lab Control Sample | Total/NA | Solid | 8082 | 159524 |
| LCSD 570-159524/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082 | 159524 |
| 570-62552-11 MS | LV-5-20 | Total/NA | Solid | 8082 | 159524 |
| 570-62552-11 MSD | LV-5-20 | Total/NA | Solid | 8082 | 159524 |

## GC Semi VOA

### Analysis Batch: 160222

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 570-160306/1-A | Method Blank | Total/NA | Solid | 8015B | 160306 |
| LCS 570-160306/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 160306 |
| LCSD 570-160306/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 160306 |

### Analysis Batch: 160223

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 8015B | 160306 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 8015B | 160306 |

### Prep Batch: 160306

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 3550C | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 3550C | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 3550C | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 3550C | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 3550C | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 3550C | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 3550C | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 3550C | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 3550C | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 3550C | |
| MB 570-160306/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-160306/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-160306/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |

## Metals

### Prep Batch: 160342

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 3050B | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 3050B | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 3050B | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 3050B | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 3050B | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 3050B | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 3050B | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 3050B | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 3050B | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 3050B | |
| MB 570-160342/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 570-160342/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| LCSD 570-160342/3-A | Lab Control Sample Dup | Total/NA | Solid | 3050B | |
| 570-62552-1 MS | LV-1-1 | Total/NA | Solid | 3050B | |

## Metals (Continued)

### Prep Batch: 160342 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 MSD | LV-1-1 | Total/NA | Solid | 3050B | |

### Prep Batch: 160346

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 7471A | |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 7471A | |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 7471A | |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 7471A | |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 7471A | |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 7471A | |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 7471A | |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 7471A | |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 7471A | |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 7471A | |
| MB 570-160346/1-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 570-160346/2-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| LCSD 570-160346/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | |
| 570-62552-1 MS | LV-1-1 | Total/NA | Solid | 7471A | |
| 570-62552-1 MSD | LV-1-1 | Total/NA | Solid | 7471A | |

### Analysis Batch: 160675

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 6010B | 160342 |
| MB 570-160342/1-A | Method Blank | Total/NA | Solid | 6010B | 160342 |
| LCS 570-160342/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 160342 |
| LCSD 570-160342/3-A | Lab Control Sample Dup | Total/NA | Solid | 6010B | 160342 |
| 570-62552-1 MS | LV-1-1 | Total/NA | Solid | 6010B | 160342 |
| 570-62552-1 MSD | LV-1-1 | Total/NA | Solid | 6010B | 160342 |

### Analysis Batch: 160679

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-2 | LV-1-5 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-3 | LV-1-10 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-4 | LV-1-15 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-5 | LV-1-20 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-6 | LV-5-1 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-7 | LV-5-5 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-8 | LV-5-10 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-10 | LV-5-15 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-11 | LV-5-20 | Total/NA | Solid | 7471A | 160346 |
| MB 570-160346/1-A | Method Blank | Total/NA | Solid | 7471A | 160346 |

## Metals (Continued)

### Analysis Batch: 160679 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 570-160346/2-A | Lab Control Sample | Total/NA | Solid | 7471A | 160346 |
| LCSD 570-160346/3-A | Lab Control Sample Dup | Total/NA | Solid | 7471A | 160346 |
| 570-62552-1 MS | LV-1-1 | Total/NA | Solid | 7471A | 160346 |
| 570-62552-1 MSD | LV-1-1 | Total/NA | Solid | 7471A | 160346 |

# Lab Chronicle

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-1-1
**Lab Sample ID: 570-62552-1**
**Date Collected: 06/23/21 07:29**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.276 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 12:36 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.171 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 11:40 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.15 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 21:44 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.79 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | | | 159953 | 06/26/21 15:09 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 17:48 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:14 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-1-5
**Lab Sample ID: 570-62552-2**
**Date Collected: 06/23/21 07:36**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 6.418 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 13:02 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.465 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 12:04 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.93 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 22:04 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.02 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 15:27 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.02 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:38 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:20 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-1-10
**Lab Sample ID: 570-62552-3**
**Date Collected: 06/23/21 07:42**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.055 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 13:28 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.049 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 12:28 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.02 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 22:24 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 19.97 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 15:45 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:40 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:22 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-1-15
**Lab Sample ID: 570-62552-4**
**Date Collected: 06/23/21 07:48**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 9.816 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 13:54 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.909 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 12:52 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.97 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/28/21 22:44 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.25 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 16:03 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:42 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .59 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:23 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-1-20
**Lab Sample ID: 570-62552-5**

**Date Collected: 06/23/21 07:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.724 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 14:21 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.838 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 13:16 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.04 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 01:02 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.20 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 16:20 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.06 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:44 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .57 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:25 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-5-1
**Lab Sample ID: 570-62552-6**

**Date Collected: 06/23/21 08:49**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.943 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 14:47 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.453 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 13:40 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.12 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 01:22 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.21 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 16:38 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.04 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:46 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .62 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:31 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-5-5
**Lab Sample ID: 570-62552-7**
**Date Collected: 06/23/21 08:53**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.9 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 15:13 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 5.87 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 14:03 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.04 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 01:41 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.20 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 16:56 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.01 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:48 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:33 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-5-10
**Lab Sample ID: 570-62552-8**
**Date Collected: 06/23/21 09:00**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.884 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 15:39 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.88 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 14:27 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.14 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 02:01 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.20 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 17:14 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.03 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:50 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .60 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:34 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Client Sample ID: LV-5-10-DUP
**Lab Sample ID: 570-62552-9**
**Date Collected: 06/23/21 09:00**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 5.134 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 16:05 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.742 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 14:51 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |

## Client Sample ID: LV-5-15
**Lab Sample ID: 570-62552-10**
**Date Collected: 06/23/21 09:10**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.795 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 16:31 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.901 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 15:15 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 10.04 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 02:20 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3546 | | | 20.11 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 17:32 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 2.00 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:52 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .63 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:36 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

## Client Sample ID: LV-5-20
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 4.886 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8260B | | 1 | 5 mL | 5 mL | 159773 | 06/25/21 16:57 | U4JL | ECL 2 |
| | Instrument ID: GCMSQQ | | | | | | | | | |
| Total/NA | Prep | 5035 | | | 4.865 g | 5 g | 159378 | 06/23/21 18:52 | P4DI | ECL 2 |
| Total/NA | Analysis | 8015B | | 1 | 5 g | 5 mL | 160174 | 06/28/21 16:02 | A1W | ECL 2 |
| | Instrument ID: GC53 | | | | | | | | | |
| Total/NA | Prep | 3550C | | | 9.92 g | 10 mL | 160306 | 06/28/21 13:41 | UFLU | ECL 1 |
| Total/NA | Analysis | 8015B | | 1 | | | 160223 | 06/29/21 02:40 | UJ3K | ECL 1 |
| | Instrument ID: GC50 | | | | | | | | | |

# Lab Chronicle

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

**Client Sample ID: LV-5-20**
**Lab Sample ID: 570-62552-11**
**Date Collected: 06/23/21 09:14**
**Matrix: Solid**
**Date Received: 06/23/21 11:22**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 20.00 g | 10 mL | 159524 | 06/24/21 11:04 | F7UI | ECL 1 |
| Total/NA | Analysis | 8082 | | 1 | 1 mL | 1.0 mL | 159953 | 06/26/21 17:50 | UJ3K | ECL 1 |
| | Instrument ID: GC58 | | | | | | | | | |
| Total/NA | Prep | 3050B | | | 1.94 g | 100 mL | 160342 | 06/28/21 14:18 | WL8G | ECL 1 |
| Total/NA | Analysis | 6010B | | 1 | | | 160675 | 06/29/21 11:54 | ULPF | ECL 1 |
| | Instrument ID: ICP8 | | | | | | | | | |
| Total/NA | Prep | 7471A | | | .61 g | 100 mL | 160346 | 06/28/21 14:37 | WL8G | ECL 1 |
| Total/NA | Analysis | 7471A | | 1 | | | 160679 | 06/29/21 13:38 | VWJ7 | ECL 1 |
| | Instrument ID: HG7 | | | | | | | | | |

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Accreditation/Certification Summary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

## Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2944 | 09-30-21 |
| Oregon | NELAP | CA300001 | 01-30-22 |

# Method Summary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | ECL 2 |
| 8015B | Gasoline Range Organics - (GC) | SW846 | ECL 2 |
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | ECL 1 |
| 8082 | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | ECL 1 |
| 6010B | Metals (ICP) | SW846 | ECL 1 |
| 7471A | Mercury (CVAA) | SW846 | ECL 1 |
| 3050B | Preparation, Metals | SW846 | ECL 1 |
| 3546 | Microwave Extraction | SW846 | ECL 1 |
| 3550C | Ultrasonic Extraction | SW846 | ECL 1 |
| 5035 | Closed System Purge and Trap | SW846 | ECL 2 |
| 7471A | Preparation, Mercury | SW846 | ECL 1 |

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

# Sample Summary

Client: Leighton and Associates Inc
Job ID: 570-62552-1
Project/Site: Rosemead Holding LLC /13111.001

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 570-62552-1 | LV-1-1 | Solid | 06/23/21 07:29 | 06/23/21 11:22 | |
| 570-62552-2 | LV-1-5 | Solid | 06/23/21 07:36 | 06/23/21 11:22 | |
| 570-62552-3 | LV-1-10 | Solid | 06/23/21 07:42 | 06/23/21 11:22 | |
| 570-62552-4 | LV-1-15 | Solid | 06/23/21 07:48 | 06/23/21 11:22 | |
| 570-62552-5 | LV-1-20 | Solid | 06/23/21 07:53 | 06/23/21 11:22 | |
| 570-62552-6 | LV-5-1 | Solid | 06/23/21 08:49 | 06/23/21 11:22 | |
| 570-62552-7 | LV-5-5 | Solid | 06/23/21 08:53 | 06/23/21 11:22 | |
| 570-62552-8 | LV-5-10 | Solid | 06/23/21 09:00 | 06/23/21 11:22 | |
| 570-62552-9 | LV-5-10-DUP | Solid | 06/23/21 09:00 | 06/23/21 11:22 | |
| 570-62552-10 | LV-5-15 | Solid | 06/23/21 09:10 | 06/23/21 11:22 | |
| 570-62552-11 | LV-5-20 | Solid | 06/23/21 09:14 | 06/23/21 11:22 | |

62552

eurofins

Calscience

570-62552 Chain of Custody

# CHAIN OF CUSTODY RECORD

DATE 6-23-2021

PAGE 1 OF 2

7440 Lincoln Way Garden Grove CA 92841 1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us

LABORATORY CLIENT: Robin Ferber Leighton Consulting Inc.

ADDRESS: 17781 Cowan

CITY: Irvine STATE: CA ZIP: 92614

TEL: (949) 681-4276 E-MAIL: rferber@leightongroup.com

CLIENT PROJECT NAME / NUMBER: Rosemead Holding LLC / 13111.001

PO NO:

PROJECT CONTACT: Robin Ferber

SAMPLER(S) (PRINT): Marius Vilkas

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS: STANDARD, 5-day TAT

## REQUESTED ANALYSES

Please check box or fill in blank as needed

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO OF CONT | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☒ GRO (8015B / 5035) | ☐ TPH(d) ☒ DRO + ORO (8015B) | TPH ☐ C6-C36 ☐ C6-C44 | TPH ____ | BTEX / MTBE ☐ 8260 ☐ ____ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☒ 6010/747X (6010B) ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Mercury (7471A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LV-1-1 | 6/23/21 | 0729 | S | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 2 | LV-1-5 | | 0736 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 3 | LV-1-10 | | 0742 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 4 | LV-1-25 | | 0748 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 5 | LV-1-20 | | 0753 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 6 | LV-5-1 | | 0849 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 7 | LV-5-5 | | 0853 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 8 | LV-5-10 | | 0900 | | 6 | | | | X | X | | | | X | X | | | | X | | X | X |
| 9 | LV-5-10-DUP | | 0900 | | 5 | | | | X | | | | | X | X | | | | | | | |
| 10 | LV-5-15 | ↓ | 0910 | ↓ | 6 | | | | X | X | | | | X | X | | | | X | | X | X |

| | | | |
|---|---|---|---|
| Relinquished by (Signature) Marius Vilkas Leighton Consulting | Received by (Signature/Affiliation) RM / GC | Date 6-23-21 | Time 1036 |
| Relinquished by (Signature) RM | Received by (Signature/Affiliation) | Date 6/23/21 | Time 1122 |
| Relinquished by (Signature) | Received by (Signature/Affiliation) | Date | Time |



6/30/2021

62552

eurofins

Calscience

# CHAIN OF CUSTODY RECORD

DATE 6-23-21

PAGE 2 OF 2

7440 Lincoln Way Garden Grove CA 92841 1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus com or call us.

LABORATORY CLIENT

ADDRESS See Page 1

CITY STATE ZIP

TEL. E-MAIL

CLIENT PROJECT NAME NUMBER See page 1

PROJECT CONTACT

P O NO

SAMPLER(S) (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAYS ☐ STANDARD

☐ COELT EDF GLOBAL ID LOG CODE

SPECIAL INSTRUCTIONS

5-day TAT

## REQUESTED ANALYSES

Please check box or fill in blank as needed

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO OF CONT | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☑ GRO (8015B) (5035) | ☐ TPH(d) ☑ DRO + ORO (8015B) | TPH ☐ C6-C36 ☐ C6-C44 | TPH _____ | BTEX / MTBE ☐ 8260 ☐ _____ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☑ 6010/747X (6010B) ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218 6 | Mercury (7471A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | LV-5-20 | 6-23-21 | 0914 | S | 6 | | | | X | X | | | | X | X | | | | X | | X | | X |

Relinquished by (Signature) Marius Vikas Leighton Consulting

Relinquished by (Signature)

Relinquished by (Signature)

Received by (Signature/Affiliation) E C

Received by (Signature/Affiliation)

Received by (Signature/Affiliation)

Date 6-23-21 Time 1036

Date 6/23/21 Time 1122

Date Time

# Login Sample Receipt Checklist

Client: Leighton and Associates Inc

Job Number: 570-62552-1

**Login Number: 62552**

**List Source: Eurofins Calscience LLC**

**List Number: 1**

**Creator: Patel, Jayesh**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

Mobile
Geochemistry Inc.

06 July 2021

Mr. Robin Ferber
Leighton Consulting, Inc. - Santa Clarita
26074 Ave Hall, Ste 21
Santa Clarita, CA 91355

H&P Project: LC062821-SB2
Client Project: 13111.001/ N Rosemead Blvd

Dear Mr. Robin Ferber:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 6/28/2021 -6/29/2021 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Lisa Eminhizer
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC) for the fields of proficiency and analytes listed on those certificates. H& P is approved as an Environmental Testing Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs for the fields of proficiency and analytes included in the certification process and to the extent offered by the accreditation agency . Unless otherwise noted, accreditation certificate numbers, expiration of certificates, and scope of accreditation can be found at: www.handpmg.com/about/certifications. Fields of services and analytes contained in this report that are not listed on the certificates should be considered uncertified or unavailable for certification.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| LV-10-35 | E106077-01 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-10-15 | E106077-02 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-10-6 | E106077-03 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-9-35 | E106077-04 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-9-15 | E106077-05 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-9-6 | E106077-06 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-9-6 REP | E106077-07 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-8-35 | E106077-08 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-8-15 | E106077-09 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-8-5 | E106077-10 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-4-35 | E106077-11 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-4-14 | E106077-12 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-4-5 | E106077-13 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-3-35 | E106077-14 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-3-15 | E106077-15 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-3-10 | E106077-16 | Vapor | 28-Jun-21 | 28-Jun-21 |
| LV-6-35 | E106085-01 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-6-20 | E106085-02 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-2-35 | E106085-03 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-2-20 | E106085-04 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-5-34 | E106085-05 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-5-20 | E106085-06 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-7-35 | E106085-07 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-7-15 | E106085-08 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-7-15 REP | E106085-09 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-7-7 | E106085-10 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-1-35 | E106085-11 | Vapor | 29-Jun-21 | 29-Jun-21 |
| LV-1-20 | E106085-12 | Vapor | 29-Jun-21 | 29-Jun-21 |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | | |
|---|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: | LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: | 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: | Mr. Robin Ferber | 06-Jul-21 10:58 |

June 28, 2021

The percent recovery for Bromobenzene fell below the method criteria in the continuing calibration verification. Any result for this analyte, for samples analyzed on this date, may be biased low.

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-35 (E106077-01) Vapor** | **Sampled: 28-Jun-21** | **Received: 28-Jun-21** | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1400** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **220** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **550** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **250** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-35 (E106077-01) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *92.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.0 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-15 (E106077-02) Vapor** | **Sampled: 28-Jun-21** | **Received: 28-Jun-21** | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **170** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **330** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **2300** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-15 (E106077-02) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *104 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *98.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.3 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-6 (E106077-03) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | **66** | 40 | 100 | " | " | " | " | " | " | J |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **210** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **6000** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-10-6 (E106077-03) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *106 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *92.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *84.7 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-35 (E106077-04) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **52** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | **68** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **220** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **58** | 40 | 100 | " | " | " | " | " | " | J |
| **trans-1,2-Dichloroethene** | **130** | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2400** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **6800** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **600** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-35 (E106077-04) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *96.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *97.5 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.5 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-15 (E106077-05) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **210** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1400** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **280** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | **77** | 40 | 100 | " | " | " | " | " | " | J |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **2900** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **6800** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-15 (E106077-05) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *102 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *96.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *87.2 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-6 (E106077-06) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | **72** | 40 | 100 | " | " | " | " | " | " | J |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **110** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | **11** | 10 | 20 | " | " | " | " | " | " | J |
| **Trichloroethene** | **530** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **3500** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-6 (E106077-06) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | **68** | 40 | 100 | " | " | " | " | " | " | J |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **46** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *101 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *97.5 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.2 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-6 REP (E106077-07) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | **98** | 40 | 100 | " | " | " | " | " | " | J |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **120** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | **41** | 40 | 100 | " | " | " | " | " | " | J |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | **14** | 10 | 20 | " | " | " | " | " | " | J |
| **Trichloroethene** | **640** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **4100** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-9-6 REP (E106077-07) Vapor** | **Sampled: 28-Jun-21** | **Received: 28-Jun-21** | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | **91** | 40 | 100 | " | " | " | " | " | " | J |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **54** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *108 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *99.2 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.4 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-35 (E106077-08) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **1800** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **470** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **77** | 40 | 100 | " | " | " | " | " | " | J |
| trans-1,2-Dichloroethene | **60** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **5300** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **5800** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| **1,2-Dichloroethane (EDC)** | **77** | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **170** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-35 (E106077-08) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *101 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *102 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.7 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-15 (E106077-09) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **2500** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **500** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| **Methyl tertiary-butyl ether (MTBE)** | **100** | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | **91** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **6500** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **6400** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| **1,2-Dichloroethane (EDC)** | **160** | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **46** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1000** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **44** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-15 (E106077-09) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *103 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *98.1 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *88.9 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-5 (E106077-10) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **2200** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Chloroethane** | **260** | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | **78** | 40 | 100 | " | " | " | " | " | " | J |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2100** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **540** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **82** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **390** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **82** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-8-5 (E106077-10) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | **72** | 40 | 100 | " | " | " | " | " | " | J |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **51** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *97.2 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *213 %* | *75-125* | | " | " | " | " | *S-04* |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-35 (E106077-11) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **2200** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **310** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **68** | 40 | 100 | " | " | " | " | " | " | J |
| trans-1,2-Dichloroethene | **84** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **3000** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **16000** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | **14** | 10 | 20 | " | " | " | " | " | " | J |
| **Trichloroethene** | **31** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-35 (E106077-11) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *102 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *103 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.9 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-14 (E106077-12) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **1000** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **110** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **120** | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1800** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **6500** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **42** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **10000** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-14 (E106077-12) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *96.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *96.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *83.9 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-5 (E106077-13) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **14** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1400** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **250** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **67** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **3800** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **450** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-4-5 (E106077-13) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *97.3 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *94.2 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.8 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-35 (E106077-14) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | **44** | 40 | 100 | " | " | " | " | " | " | J |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **6100** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **110** | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **170** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **190** | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2900** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **11000** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **270** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | **90** | 40 | 100 | " | " | " | " | " | " | J |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **400** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-35 (E106077-14) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | **43** | 40 | 100 | " | " | " | " | " | " | J |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *103 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *111 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.4 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-15 (E106077-15) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | **61** | 40 | 100 | " | " | " | " | " | " | J |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **4700** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **110** | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **250** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **87** | 40 | 100 | " | " | " | " | " | " | J |
| **trans-1,2-Dichloroethene** | **130** | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **4200** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **9700** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **37** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1500** | 12 | 20 | " | " | " | " | " | " | |
| **1,2-Dichloropropane** | **240** | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **230** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-15 (E106077-15) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *97.9 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.4 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-10 (E106077-16) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | **44** | 40 | 100 | " | " | " | " | " | " | J |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **2800** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | **69** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **170** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | **64** | 40 | 100 | " | " | " | " | " | " | J |
| trans-1,2-Dichloroethene | **80** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **2700** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **5500** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| **Benzene** | **27** | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1100** | 12 | 20 | " | " | " | " | " | " | |
| **1,2-Dichloropropane** | **160** | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **230** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-3-10 (E106077-16) Vapor Sampled: 28-Jun-21 Received: 28-Jun-21** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12805 | 28-Jun-21 | 28-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *94.3 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *88.0 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.6 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-6-35 (E106085-01) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **22** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **240** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **590** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **970** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **840** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | **53** | 40 | 100 | " | " | " | " | " | " | J |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **88** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-6-35 (E106085-01) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *92.3 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *101 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.7 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-6-20 (E106085-02) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **200** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **230** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **200** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **580** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **710** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-6-20 (E106085-02) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *92.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *106 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.0 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-2-35 (E106085-03) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | **68** | 40 | 100 | " | " | " | " | " | " | J |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | **60** | 40 | 100 | " | " | " | " | " | " | J |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **340** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **120** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-2-35 (E106085-03) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *93.6 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *94.9 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *86.3 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-2-20 (E106085-04) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | **40** | 40 | 100 | " | " | " | " | " | " | J |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **350** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **140** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-2-20 (E106085-04) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *106 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *109 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.0 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-5-34 (E106085-05) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **140** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **380** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **790** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **330** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | **44** | 40 | 100 | " | " | " | " | " | " | J |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-5-34 (E106085-05) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **42** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | **41** | 40 | 100 | " | " | " | " | " | " | J |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *93.4 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *98.6 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *85.6 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-5-20 (E106085-06) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **120** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **640** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **1500** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-5-20 (E106085-06) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *102 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *94.1 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *86.3 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-35 (E106085-07) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Vinyl chloride** | **720** | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **190** | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | **87** | 40 | 100 | " | " | " | " | " | " | J |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| **Methyl tertiary-butyl ether (MTBE)** | **260** | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | **84** | 40 | 100 | " | " | " | " | " | " | J |
| **1,1-Dichloroethane** | **3600** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **3800** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **830** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **38** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-35 (E106085-07) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | **73** | 40 | 100 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *88.0 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *81.9 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-15 (E106085-08) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **180** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| **Methyl tertiary-butyl ether (MTBE)** | **190** | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2300** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **360** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1400** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **570** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-15 (E106085-08) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *92.0 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *93.0 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *78.7 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-15 REP (E106085-09) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **210** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| **Methyl tertiary-butyl ether (MTBE)** | **220** | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2900** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **450** | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1500** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **630** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-15 REP (E106085-09) Vapor** | **Sampled: 29-Jun-21** | **Received: 29-Jun-21** | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *96.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *94.6 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *81.8 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-7 (E106085-10) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1,2 Trichlorotrifluoroethane (F113)** | **260** | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **650** | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **580** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **350** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-7-7 (E106085-10) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *98.6 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *102 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *82.5 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-1-35 (E106085-11) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **390** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **32** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-1-35 (E106085-11) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *98.8 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *99.7 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *90.6 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-1-20 (E106085-12) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| Dichlorodifluoromethane (F12) | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Vinyl chloride | ND | 10 | 10 | " | " | " | " | " | " | |
| Bromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Trichlorofluoromethane (F11) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methylene chloride (Dichloromethane) | ND | 40 | 100 | " | " | " | " | " | " | |
| Methyl tertiary-butyl ether (MTBE) | ND | 40 | 100 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 40 | 100 | " | " | " | " | " | " | |
| Chloroform | ND | 10 | 20 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 10 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane (EDC) | ND | 10 | 20 | " | " | " | " | " | " | |
| Benzene | ND | 10 | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **430** | 12 | 20 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Dibromomethane | ND | 40 | 100 | " | " | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| Toluene | ND | 80 | 200 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **120** | 16 | 20 | " | " | " | " | " | " | |
| Dibromochloromethane | ND | 40 | 100 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 10 | 20 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Dilution Factor | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **LV-1-20 (E106085-12) Vapor Sampled: 29-Jun-21 Received: 29-Jun-21** | | | | | | | | | | **J- Report** |
| 1,1,1,2-Tetrachloroethane | ND | 40 | 100 | ug/m3 | 0.01 | EF12910 | 29-Jun-21 | 29-Jun-21 | H&P 8260SV | |
| m,p-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| o-Xylene | ND | 40 | 100 | " | " | " | " | " | " | |
| Styrene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromoform | ND | 40 | 100 | " | " | " | " | " | " | |
| Isopropylbenzene (Cumene) | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Bromobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 400 | 1000 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 40 | 100 | " | " | " | " | " | " | |
| Naphthalene | ND | 20 | 20 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 40 | 100 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | | *103 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 1,2-Dichloroethane-d4* | | | *98.3 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | | *88.1 %* | *75-125* | | " | " | " | " | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12805 - EPA 5030** | | | | | | | | | | |
| **Blank (EF12805-BLK1)** | | | | Prepared & Analyzed: 28-Jun-21 | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | 100 | ug/m3 | | | | | | | |
| Dichlorodifluoromethane (F12) | ND | 100 | " | | | | | | | |
| Chloromethane | ND | 100 | " | | | | | | | |
| Vinyl chloride | ND | 10 | " | | | | | | | |
| Bromomethane | ND | 100 | " | | | | | | | |
| Chloroethane | ND | 100 | " | | | | | | | |
| Trichlorofluoromethane (F11) | ND | 100 | " | | | | | | | |
| 1,1-Dichloroethene | ND | 100 | " | | | | | | | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 100 | " | | | | | | | |
| Methylene chloride (Dichloromethane) | ND | 100 | " | | | | | | | |
| Methyl tertiary-butyl ether (MTBE) | ND | 100 | " | | | | | | | |
| trans-1,2-Dichloroethene | ND | 100 | " | | | | | | | |
| 1,1-Dichloroethane | ND | 100 | " | | | | | | | |
| 2,2-Dichloropropane | ND | 100 | " | | | | | | | |
| cis-1,2-Dichloroethene | ND | 100 | " | | | | | | | |
| Chloroform | ND | 20 | " | | | | | | | |
| Bromochloromethane | ND | 100 | " | | | | | | | |
| 1,1,1-Trichloroethane | ND | 100 | " | | | | | | | |
| 1,1-Dichloropropene | ND | 100 | " | | | | | | | |
| Carbon tetrachloride | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane (EDC) | ND | 20 | " | | | | | | | |
| Benzene | ND | 20 | " | | | | | | | |
| Trichloroethene | ND | 20 | " | | | | | | | |
| 1,2-Dichloropropane | ND | 100 | " | | | | | | | |
| Bromodichloromethane | ND | 100 | " | | | | | | | |
| Dibromomethane | ND | 100 | " | | | | | | | |
| cis-1,3-Dichloropropene | ND | 100 | " | | | | | | | |
| Toluene | ND | 200 | " | | | | | | | |
| trans-1,3-Dichloropropene | ND | 100 | " | | | | | | | |
| 1,1,2-Trichloroethane | ND | 100 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 100 | " | | | | | | | |
| 1,3-Dichloropropane | ND | 100 | " | | | | | | | |
| Tetrachloroethene | ND | 20 | " | | | | | | | |
| Dibromochloromethane | ND | 100 | " | | | | | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12805 - EPA 5030** | | | | | | | | | | |
| **Blank (EF12805-BLK1)** | | | | Prepared & Analyzed: 28-Jun-21 | | | | | | |
| Chlorobenzene | ND | 20 | ug/m3 | | | | | | | |
| Ethylbenzene | ND | 100 | " | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 100 | " | | | | | | | |
| m,p-Xylene | ND | 100 | " | | | | | | | |
| o-Xylene | ND | 100 | " | | | | | | | |
| Styrene | ND | 100 | " | | | | | | | |
| Bromoform | ND | 100 | " | | | | | | | |
| Isopropylbenzene (Cumene) | ND | 100 | " | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 100 | " | | | | | | | |
| 1,2,3-Trichloropropane | ND | 100 | " | | | | | | | |
| n-Propylbenzene | ND | 100 | " | | | | | | | |
| Bromobenzene | ND | 100 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 100 | " | | | | | | | |
| 2-Chlorotoluene | ND | 100 | " | | | | | | | |
| 4-Chlorotoluene | ND | 100 | " | | | | | | | |
| tert-Butylbenzene | ND | 100 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 100 | " | | | | | | | |
| sec-Butylbenzene | ND | 100 | " | | | | | | | |
| p-Isopropyltoluene | ND | 100 | " | | | | | | | |
| 1,3-Dichlorobenzene | ND | 100 | " | | | | | | | |
| 1,4-Dichlorobenzene | ND | 100 | " | | | | | | | |
| n-Butylbenzene | ND | 100 | " | | | | | | | |
| 1,2-Dichlorobenzene | ND | 100 | " | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 1000 | " | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 100 | " | | | | | | | |
| Hexachlorobutadiene | ND | 100 | " | | | | | | | |
| Naphthalene | ND | 20 | " | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *486* | | *"* | *500* | | *97.2* | *75-125* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *443* | | *"* | *500* | | *88.7* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *413* | | *"* | *500* | | *82.6* | *75-125* | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12805 - EPA 5030** | | | | | | | | | | |
| **LCS (EF12805-BS1)** | | | | Prepared & Analyzed: 28-Jun-21 | | | | | | |
| Dichlorodifluoromethane (F12) | 5000 | 500 | ug/m3 | 5000 | | 99.2 | 70-130 | | | |
| Vinyl chloride | 5800 | 50 | " | 5000 | | 117 | 70-130 | | | |
| Chloroethane | 5300 | 500 | " | 5000 | | 105 | 70-130 | | | |
| Trichlorofluoromethane (F11) | 4400 | 500 | " | 5000 | | 87.9 | 70-130 | | | |
| 1,1-Dichloroethene | 4300 | 500 | " | 5000 | | 86.6 | 70-130 | | | |
| 1,1,2 Trichlorotrifluoroethane (F113) | 4600 | 500 | " | 5000 | | 91.7 | 70-130 | | | |
| Methylene chloride (Dichloromethane) | 4700 | 500 | " | 5000 | | 94.9 | 70-130 | | | |
| trans-1,2-Dichloroethene | 4300 | 500 | " | 5000 | | 86.7 | 70-130 | | | |
| 1,1-Dichloroethane | 4600 | 500 | " | 5000 | | 92.2 | 70-130 | | | |
| cis-1,2-Dichloroethene | 4300 | 500 | " | 5000 | | 86.7 | 70-130 | | | |
| Chloroform | 4600 | 100 | " | 5000 | | 92.7 | 70-130 | | | |
| 1,1,1-Trichloroethane | 4200 | 500 | " | 5000 | | 83.2 | 70-130 | | | |
| Carbon tetrachloride | 4400 | 100 | " | 5000 | | 88.7 | 70-130 | | | |
| 1,2-Dichloroethane (EDC) | 4500 | 100 | " | 5000 | | 90.9 | 70-130 | | | |
| Benzene | 4800 | 100 | " | 5000 | | 95.6 | 70-130 | | | |
| Trichloroethene | 5000 | 100 | " | 5000 | | 99.4 | 70-130 | | | |
| Toluene | 4400 | 1000 | " | 5000 | | 88.1 | 70-130 | | | |
| 1,1,2-Trichloroethane | 4600 | 500 | " | 5000 | | 92.4 | 70-130 | | | |
| Tetrachloroethene | 4600 | 100 | " | 5000 | | 92.4 | 70-130 | | | |
| Ethylbenzene | 4700 | 500 | " | 5000 | | 93.1 | 70-130 | | | |
| 1,1,1,2-Tetrachloroethane | 4300 | 500 | " | 5000 | | 85.4 | 70-130 | | | |
| m,p-Xylene | 10000 | 500 | " | 10000 | | 100 | 70-130 | | | |
| o-Xylene | 4800 | 500 | " | 5000 | | 96.2 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 4500 | 500 | " | 5000 | | 89.5 | 70-130 | | | |
| *Surrogate: Dibromofluoromethane* | *2440* | | *"* | *2500* | | *97.6* | *75-125* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2390* | | *"* | *2500* | | *95.5* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *2270* | | *"* | *2500* | | *90.8* | *75-125* | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12910 - EPA 5030** | | | | | | | | | | |
| **Blank (EF12910-BLK1)** | | | | Prepared & Analyzed: 29-Jun-21 | | | | | | |
| 1,1-Difluoroethane (LCC) | ND | 100 | ug/m3 | | | | | | | |
| Dichlorodifluoromethane (F12) | ND | 100 | " | | | | | | | |
| Chloromethane | ND | 100 | " | | | | | | | |
| Vinyl chloride | ND | 10 | " | | | | | | | |
| Bromomethane | ND | 100 | " | | | | | | | |
| Chloroethane | ND | 100 | " | | | | | | | |
| Trichlorofluoromethane (F11) | ND | 100 | " | | | | | | | |
| 1,1-Dichloroethene | ND | 100 | " | | | | | | | |
| 1,1,2 Trichlorotrifluoroethane (F113) | ND | 100 | " | | | | | | | |
| Methylene chloride (Dichloromethane) | ND | 100 | " | | | | | | | |
| Methyl tertiary-butyl ether (MTBE) | ND | 100 | " | | | | | | | |
| trans-1,2-Dichloroethene | ND | 100 | " | | | | | | | |
| 1,1-Dichloroethane | ND | 100 | " | | | | | | | |
| 2,2-Dichloropropane | ND | 100 | " | | | | | | | |
| cis-1,2-Dichloroethene | ND | 100 | " | | | | | | | |
| Chloroform | ND | 20 | " | | | | | | | |
| Bromochloromethane | ND | 100 | " | | | | | | | |
| 1,1,1-Trichloroethane | ND | 100 | " | | | | | | | |
| 1,1-Dichloropropene | ND | 100 | " | | | | | | | |
| Carbon tetrachloride | ND | 20 | " | | | | | | | |
| 1,2-Dichloroethane (EDC) | ND | 20 | " | | | | | | | |
| Benzene | 14 | 20 | " | | | | | | | J |
| Trichloroethene | ND | 20 | " | | | | | | | |
| 1,2-Dichloropropane | ND | 100 | " | | | | | | | |
| Bromodichloromethane | ND | 100 | " | | | | | | | |
| Dibromomethane | ND | 100 | " | | | | | | | |
| cis-1,3-Dichloropropene | ND | 100 | " | | | | | | | |
| Toluene | ND | 200 | " | | | | | | | |
| trans-1,3-Dichloropropene | ND | 100 | " | | | | | | | |
| 1,1,2-Trichloroethane | ND | 100 | " | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 100 | " | | | | | | | |
| 1,3-Dichloropropane | ND | 100 | " | | | | | | | |
| Tetrachloroethene | ND | 20 | " | | | | | | | |
| Dibromochloromethane | ND | 100 | " | | | | | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12910 - EPA 5030** | | | | | | | | | | |
| **Blank (EF12910-BLK1)** | | | | Prepared & Analyzed: 29-Jun-21 | | | | | | |
| Chlorobenzene | ND | 20 | ug/m3 | | | | | | | |
| Ethylbenzene | ND | 100 | " | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 100 | " | | | | | | | |
| m,p-Xylene | ND | 100 | " | | | | | | | |
| o-Xylene | ND | 100 | " | | | | | | | |
| Styrene | ND | 100 | " | | | | | | | |
| Bromoform | ND | 100 | " | | | | | | | |
| Isopropylbenzene (Cumene) | ND | 100 | " | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 100 | " | | | | | | | |
| 1,2,3-Trichloropropane | ND | 100 | " | | | | | | | |
| n-Propylbenzene | ND | 100 | " | | | | | | | |
| Bromobenzene | ND | 100 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 100 | " | | | | | | | |
| 2-Chlorotoluene | ND | 100 | " | | | | | | | |
| 4-Chlorotoluene | ND | 100 | " | | | | | | | |
| tert-Butylbenzene | ND | 100 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 100 | " | | | | | | | |
| sec-Butylbenzene | ND | 100 | " | | | | | | | |
| p-Isopropyltoluene | ND | 100 | " | | | | | | | |
| 1,3-Dichlorobenzene | ND | 100 | " | | | | | | | |
| 1,4-Dichlorobenzene | ND | 100 | " | | | | | | | |
| n-Butylbenzene | ND | 100 | " | | | | | | | |
| 1,2-Dichlorobenzene | ND | 100 | " | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 1000 | " | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 100 | " | | | | | | | |
| Hexachlorobutadiene | ND | 100 | " | | | | | | | |
| Naphthalene | ND | 20 | " | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 100 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *557* | | *"* | *500* | | *111* | *75-125* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *550* | | *"* | *500* | | *110* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *466* | | *"* | *500* | | *93.2* | *75-125* | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Volatile Organic Compounds by H&P 8260SV - Quality Control

## H&P Mobile Geochemistry, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch EF12910 - EPA 5030** | | | | | | | | | | |
| **LCS (EF12910-BS1)** | | | | Prepared & Analyzed: 29-Jun-21 | | | | | | |
| Dichlorodifluoromethane (F12) | 3900 | 500 | ug/m3 | 5000 | | 77.1 | 70-130 | | | |
| Vinyl chloride | 4800 | 50 | " | 5000 | | 95.8 | 70-130 | | | |
| Chloroethane | 4700 | 500 | " | 5000 | | 93.8 | 70-130 | | | |
| Trichlorofluoromethane (F11) | 3900 | 500 | " | 5000 | | 78.0 | 70-130 | | | |
| 1,1-Dichloroethene | 4600 | 500 | " | 5000 | | 91.6 | 70-130 | | | |
| 1,1,2 Trichlorotrifluoroethane (F113) | 4600 | 500 | " | 5000 | | 92.7 | 70-130 | | | |
| Methylene chloride (Dichloromethane) | 4500 | 500 | " | 5000 | | 90.5 | 70-130 | | | |
| trans-1,2-Dichloroethene | 4700 | 500 | " | 5000 | | 94.8 | 70-130 | | | |
| 1,1-Dichloroethane | 4900 | 500 | " | 5000 | | 97.2 | 70-130 | | | |
| cis-1,2-Dichloroethene | 4600 | 500 | " | 5000 | | 92.0 | 70-130 | | | |
| Chloroform | 4700 | 100 | " | 5000 | | 94.1 | 70-130 | | | |
| 1,1,1-Trichloroethane | 4500 | 500 | " | 5000 | | 90.1 | 70-130 | | | |
| Carbon tetrachloride | 4700 | 100 | " | 5000 | | 94.5 | 70-130 | | | |
| 1,2-Dichloroethane (EDC) | 4600 | 100 | " | 5000 | | 91.6 | 70-130 | | | |
| Benzene | 4800 | 100 | " | 5000 | | 96.2 | 70-130 | | | |
| Trichloroethene | 5000 | 100 | " | 5000 | | 101 | 70-130 | | | |
| Toluene | 4200 | 1000 | " | 5000 | | 84.9 | 70-130 | | | |
| 1,1,2-Trichloroethane | 4300 | 500 | " | 5000 | | 85.6 | 70-130 | | | |
| Tetrachloroethene | 4900 | 100 | " | 5000 | | 98.2 | 70-130 | | | |
| Ethylbenzene | 5100 | 500 | " | 5000 | | 101 | 70-130 | | | |
| 1,1,1,2-Tetrachloroethane | 4900 | 500 | " | 5000 | | 97.7 | 70-130 | | | |
| m,p-Xylene | 11000 | 500 | " | 10000 | | 114 | 70-130 | | | |
| o-Xylene | 5300 | 500 | " | 5000 | | 106 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 3800 | 500 | " | 5000 | | 75.6 | 70-130 | | | |
| *Surrogate: Dibromofluoromethane* | *2450* | | *"* | *2500* | | *98.0* | *75-125* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *2320* | | *"* | *2500* | | *92.6* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *2150* | | *"* | *2500* | | *85.8* | *75-125* | | | |

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

| | | |
|---|---|---|
| Leighton Consulting, Inc. - Santa Clarita | Project: LC062821-SB2 | |
| 26074 Ave Hall, Ste 21 | Project Number: 13111.001/ N Rosemead Blvd | Reported: |
| Santa Clarita, CA 91355 | Project Manager: Mr. Robin Ferber | 06-Jul-21 10:58 |

## Notes and Definitions

| | |
|---|---|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| J- Report | This sample is reported to the MDL or LOD determined for this method. All confirmed hits above the listed MDL or LOD value and below the RL/LOQ, will be flagged with a "J" result. If an MDL or LOD is not listed, the analyte is ND at the RL. |
| J | Detected but below the RL/LOQ; therefore, result is an estimated concentration. |
| J | Detected but below the RL/LOQ; therefore, result is an estimated concentration. |
| LCC | Leak Check Compound |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| MDL | Method Detection Limit |
| %REC | Percent Recovery |
| RPD | Relative Percent Difference |

All soil results are reported in wet weight.

## Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743 & 2745.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

# VAPOR / AIR Chain of Custody

DATE: 6/28/21
Page 1 of 2

## Lab Client and Project Information

| | |
|---|---|
| Lab Client/Consultant: Leighton Consulting | Project Name / #: 13111.001 |
| Lab Client Project Manager: Robin Ferber | Project Location: 2226 N Rosemead Blvd |
| Lab Client Address: 26074 Avenue Hall Suite 21 | Report E-Mail(s): rferber@leightongroup.com mvikas@leightongroup.com |
| Lab Client City, State, Zip: Santa Clarita CA, 91355 | |
| Phone Number: 661-705-3025 | |

## Sample Receipt (Lab Use Only)

| | |
|---|---|
| Date Rec'd: 6/28/21 | Control #: 210437001.01 |
| H&P Project # | LC062821-S132 |
| Lab Work Order # | E106077 |
| Sample Intact: ☐ Yes ☐ No ☐ See Notes Below | |
| Receipt Gauge ID: | Temp: |
| Outside Lab: | |
| Receipt Notes/Tracking #: | Lab PM Initials: |

## Reporting Requirements

- ☑ Standard Report ☐ Level III ☐ Level IV
- ☑ Excel EDD ☐ Other EDD: _____
- ☑ CA Geotracker Global ID: _____

## Turnaround Time

- ☑ **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify): _____

## Sampler Information

Sampler(s): Bobby Stangl
Signature:
Date: 6/28/21

## Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
☐ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

| SAMPLE NAME | FIELD POINT NAME (if applicable) | DATE mm/dd/yy | TIME 24hr clock | SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV) | CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc. | CONTAINER ID (###) | Lab use only: Receipt Vac | VOCs Standard Full List ☑ 8260SV ☐ TO-15 | VOCs Short List / Project List ☐ 8260SV ☐ TO-15 | Oxygenates ☐ 8260SV ☐ TO-15 | Naphthalene ☐ 8260SV ☐ TO-15 | TPHv as Gas ☐ 8260SVm ☐ TO-15m | Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m | Leak Check Compound ☑ DFA ☐ IPA ☐ He | Methane by EPA 8015m | Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-10-35 | | 6/28/21 | 906 | SV | G.S | 87/348 | | X | | | | | | X | | | | | | |
| LV-10-15 | | | 928 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-10-6 | | | 951 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-9-35 | | | 1017 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-9-15 | | | 1038 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-9-6 | | | 1059 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-9-6 REP | | | 1119 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-8-35 | | | 1147 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-8-15 | | | 1209 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-8-6 | | | 1229 | | | 287/332 | | X | | | | | | X | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Approved/Relinquished by: | Company: Leighton | Date: 6-28-21 | Time: 1530 | Received by: | Company: H&P | Date: 6/28/21 | Time: 1530 |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

# VAPOR / AIR Chain of Custody

DATE: 6/28/21
Page 2 of 2

## Lab Client and Project Information

| | |
|---|---|
| Lab Client/Consultant: Leighton Consulting | Project Name / #: 13111.001 |
| Lab Client Project Manager: Robin Ferber | Project Location: 2226 N Rosemead Blvd |
| Lab Client Address: 26074 Avenue Hall, Suite 21 | Report E-Mail(s): rferber@leightongroup.com mvilkas@leightongroup.com |
| Lab Client City, State, Zip: Santa Clarita, CA 91355 | |
| Phone Number: 661-705-3025 | |

## Sample Receipt (Lab Use Only)

| | |
|---|---|
| Date Rec'd: 6/28/21 | Control #: 21043900.01 |
| H&P Project # | LC06821-SB2 |
| Lab Work Order # | E106077 |
| Sample Intact: ☐ Yes ☐ No ☐ See Notes Below | |
| Receipt Gauge ID: | Temp: |
| Outside Lab: | |
| Receipt Notes/Tracking #: | Lab PM Initials: |

## Reporting Requirements

- ☑ Standard Report ☐ Level III ☐ Level IV
- ☑ Excel EDD ☐ Other EDD:
- ☑ CA Geotracker Global ID:

## Turnaround Time

- ☑ **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify):

## Sampler Information

Sampler(s): Bobby Stearns
Signature:
Date: 6/28/21

## Additional Instructions to Laboratory:

** Preferred VOC units (please choose one):*
☐ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

| SAMPLE NAME | FIELD POINT NAME (if applicable) | DATE mm/dd/yy | TIME 24hr clock | SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV) | CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc. | CONTAINER ID (###) | Lab use only: Receipt Vac | VOCs Standard Full List ☑ 8260SV ☐ TO-15 | VOCs Short List / Project List ☐ 8260SV ☐ TO-15 | Oxygenates ☐ 8260SV ☐ TO-15 | Naphthalene ☐ 8260SV ☐ TO-15 | TPHv as Gas ☐ 8260SVm ☐ TO-15m | Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m | Leak Check Compound ☑ DFA ☐ IPA ☐ He | Methane by EPA 8015m | Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-4-35 | | 6/28/21 | 1253 | SV | G-S | 87/348 | | X | | | | | | X | | | | | | |
| LV-4-14 | | | 1313 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-4-5 | | | 1332 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-3-35 | | | 1354 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-3-15 | | | 1414 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-3-10 | | | 1437 | | | 287/332 | | X | | | | | | X | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Approved/Relinquished by: | Company: Leighton | Date: 6-28-21 | Time: 1530 | Received by: | Company: H&P | Date: 6/28/21 | Time: 1530 |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

# VAPOR / AIR Chain of Custody

DATE: 6/29/21
Page 1 of 2

## Lab Client and Project Information

| | |
|---|---|
| Lab Client/Consultant: Leighton Consulting | Project Name / #: 13111.001 |
| Lab Client Project Manager: Robin Ferber | Project Location: 2226 N Rosemead Blvd |
| Lab Client Address: 26074 Avenue Hall, Suite 21 | Report E-Mail(s): rferber@leightongroup.com |
| Lab Client City, State, Zip: Santa Clarita, CA, 91355 | mvilkas@leightongroup.com |
| Phone Number: ~~714~~ 661-705-3025 | |

## Sample Receipt (Lab Use Only)

| | |
|---|---|
| Date Rec'd: 6/29/21 | Control #: 21043900/.01 |
| H&P Project # LCO62621-SB2 | |
| Lab Work Order # TO: ~~E10607~~ E106085 | |
| Sample Intact: ☐ Yes ☐ No ☐ See Notes Below | |
| Receipt Gauge ID: | Temp: |
| Outside Lab: | |
| Receipt Notes/Tracking #: | Lab PM Initials: |

## Reporting Requirements

- ☑ Standard Report ☐ Level III ☐ Level IV
- ☑ Excel EDD ☐ Other EDD: _____
- ☑ CA Geotracker Global ID: _____

## Turnaround Time

- ☑ **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify): _____

## Sampler Information

Sampler(s): Bobby Stangl
Signature:
Date: 6/29/21

## Additional Instructions to Laboratory:

** Preferred VOC units (please choose one):*
☐ µg/L ☑ µg/m³ ☐ ppbv ☐ ppmv

| SAMPLE NAME | FIELD POINT NAME (if applicable) | DATE mm/dd/yy | TIME 24hr clock | SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV) | CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc. | CONTAINER ID (###) | Lab use only: Receipt Vac | VOCs Standard Full List ☑ 8260SV ☐ TO-15 | VOCs Short List / Project List ☐ 8260SV ☐ TO-15 | Oxygenates ☐ 8260SV ☐ TO-15 | Naphthalene ☐ 8260SV ☐ TO-15 | TPHv as Gas ☐ 8260SVm ☐ TO-15m | Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m | Leak Check Compound ☑ DFA ☐ IPA ☐ He | Methane by EPA 8015m | Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-6-35 | | 6/29/21 | 738 | S.V | G.S | 87/348 | | X | | | | | | X | | | | | | |
| LV-6-20 | | | 757 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-2-35 | | | 822 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-2-20 | | | 845 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-5-34 | | | 912 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-5-20 | | | 932 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-7-35 | | | 1000 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-7-15 | | | 1020 | | | 287/332 | | X | | | | | | X | | | | | | |
| LV-7-15REP | | | 1039 | | | 87/348 | | X | | | | | | X | | | | | | |
| LV-7-7 | | | 1105 | | | 287/332 | | X | | | | | | X | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Approved/Relinquished by: | Company: Leighton | Date: 6-29-21 | Time: 1230 | Received by: | Company: H&P | Date: 6/29/21 | Time: 1230 |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

H&P Mobile Geochemistry, Inc.
2470 Impala Drive, Carlsbad, CA 92010
& Field Office - Signal Hill, CA
W handpmg.com E info@handpmg.com
P 760.804.9678 F 760.804.9159

# VAPOR / AIR Chain of Custody

DATE: 6/29/21
Page 2 of 2

## Lab Client and Project Information

| | |
|---|---|
| Lab Client/Consultant: Leighton Consulting | Project Name / #: 13111.001 |
| Lab Client Project Manager: Robin Ferber | Project Location: 2226 N Rosemead Blvd |
| Lab Client Address: 26074 Avenue Hall Suite | Report E-Mail(s): rferber@leightongroup.com mvilka@leightongroup.com |
| Lab Client City, State, Zip: Santa Clarita, CA 91355 | |
| Phone Number: 661-705-3025 | |

**Reporting Requirements**
- ☑ Standard Report ☐ Level III ☐ Level IV
- ☑ Excel EDD ☐ Other EDD:
- ☑ CA Geotracker Global ID:

**Turnaround Time**
- ☑ **Standard** (7 days for preliminary report, 10 days for final report)
- ☐ **Rush** (specify):

**Sampler Information**
- Sampler(s): Bobby Stewart
- Signature:
- Date: 6/29/21

## Sample Receipt (Lab Use Only)

| | |
|---|---|
| Date Rec'd: 6/29/21 | Control #: 210439.00 / .01 |
| H&P Project # | LC062821-SB2 |
| Lab Work Order # | 6106085 |
| Sample Intact: ☐ Yes ☐ No ☐ See Notes Below | |
| Receipt Gauge ID: | Temp: |
| Outside Lab: | |
| Receipt Notes/Tracking #: | |
| Lab PM Initials: | |

**Additional Instructions to Laboratory:**

** Preferred VOC units (please choose one):*
☐ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

| SAMPLE NAME | FIELD POINT NAME (if applicable) | DATE mm/dd/yy | TIME 24hr clock | SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV) | CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc. | CONTAINER ID (###) | Lab use only: Receipt Vac | VOCs Standard Full List ☑ 8260SV ☐ TO-15 | VOCs Short List / Project List ☐ 8260SV ☐ TO-15 | Oxygenates ☐ 8260SV ☐ TO-15 | Naphthalene ☐ 8260SV ☐ TO-15 | TPHv as Gas ☐ 8260SVm ☐ TO-15m | Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m | Leak Check Compound ☑ DFA ☐ IPA ☐ He | Methane by EPA 8015m | Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-1-35 | | 6/29/21 | 1124 | S.V | G.S | 87/348 | | X | | | | | | X | | | | | | |
| LV-1-20 | | 6/29/21 | 1142 | S.V | G.S | 287/332 | | X | | | | | | X | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Approved/Relinquished by: | Company: Leighton | Date: 6-29-21 | Time: 1230 | Received by: | Company: H&P | Date: 6/29/21 | Time: 1230 |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |
| Approved/Relinquished by: | Company: | Date: | Time: | Received by: | Company: | Date: | Time: |

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

H&P Mobile Geochemistry Inc.

# Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: LC062821-SB2 Date: 6/28/2021

Site Address: 2226 N ROSEMEAD BLVD Page: 1 of 2

Consultant: Leighton Consulting H&P Rep(s): T. Le Reviewed: DB

Consultant Rep(s): *Marius Vilkas* BOBBY Scanned: Thomas

**Equipment Info**
Inline Gauge ID#: 130
Pump ID#: 042

**Purge Volume Information**
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

**Leak Check Compound** ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
*A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.*

**Resample Key:**
RS = Resample
RD = for Dilution
RL = lor LCC fail

| | Sample Information | | | | Probe Specs | | | | | | | Purge & Collection Information | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Point ID | Syringe ID | Sample Volume (cc) | Sample Time | Probe Depth (ft) | Tubing Length (ft) | Tubing OD (in.) | Sand Ht (in.) | Sand Dia (in.) | Dry Bent. Ht (in.) | Dry Bent. Dia (in.) | Shut In Test 60 sec (✓) | Leak Check (✓) | Purge Vol (mL) | Purge Flow Rate (mL/min) | Pump Time (min:sec) | Sample Flow Rate (mL/min) | ProbeVac ☐ Hg ☑ $H_2O$ |
| 1 | LV-10-35 | 87/348 | 100 | 906 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | 0 |
| 2 | LV-10-15 | 287/332 | 100 | 928 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | 0 |
| 3 | LV-10-6 | 87/348 | 100 | 951 | 6 | 8 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1641 | 200 | 8:12 | <200 | 0 |
| 4 | LV-9-35 | 287/332 | 100 | 1017 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | 0 |
| 5 | LV-9-15 | 87/348 | 100 | 1038 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | 0 |
| 6 | LV-9-6 | 287/332 | 100 | 1059 | 6 | 8 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1641 | 200 | 8:12 | <200 | 0 |
| 7 | LV-9-6 REP | 87/348 | 100 | 1119 | 6 | 8 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1741 | — | — | <200 | 0 |
| 8 | LV-8-35 | 287/332 | 100 | 1147 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | 0 |
| 9 | LV-8-15 | 87/348 | 100 | 1209 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | 0 |
| 10 | LV-8-5 | 287/332 | 100 | 1229 | 5 | 7 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1626 | 200 | 8:08 | <200 | 0 |
| 11 | LV-4-35 | 87/348 | 100 | 1253 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | 0 |
| 12 | LV-4-14 | 287/332 | 100 | 1313 | 14 | 16 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1757 | 200 | 8:47 | <200 | 0 |

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):
* All Probes required 1-Way Valves; 15 total today

H&P Mobile Geochemistry Inc.

# Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: LC062821-SB2 Date: 6/28/2021

Site Address: 2226 N ROSEMEAD BLVD Page: 2 of 2

Consultant: Leighton Consulting H&P Rep(s): T. Le Reviewed: DB

Consultant Rep(s): *Marius Vilkas* BOBBY Scanned: Moms

**Equipment Info**
Inline Gauge ID#: T20
Pump ID#: 042

**Purge Volume Information**
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☐ Dry Bent 50%

**Leak Check Compound** ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
*A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.*

**Resample Key:**
*RS = Resample*
*RD = for Dilution*
*RL = lor LCC fail*

| | Sample Information | | | | Probe Specs | | | | | | | Purge & Collection Information | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Point ID | Syringe ID | Sample Volume (cc) | Sample Time | Probe Depth (ft) | Tubing Length (ft) | Tubing OD (in.) | Sand Ht (in.) | Sand Dia (in.) | Dry Bent. Ht (in.) | Dry Bent. Dia (in.) | Shut In Test 60 sec (✓) | Leak Check (✓) | Purge Vol (mL) | Purge Flow Rate (mL/min) | Pump Time (min:sec) | Sample Flow Rate (mL/min) | ProbeVac ☐ Hg ☑ $H_2O$ |
| 1 | LV-4-5 | 348/348 | 100 | 1332 | 5 | 7 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1626 | 200 | 8:09 | <200 | ○ |
| 2 | LV-3-35 | 352/352 | 100 | 1354 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 3 | LV-3-15 | 348/348 | 100 | 1417 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | ○ |
| 4 | LV-3-10 | 352/352 | 100 | 1437 | 10 | 12 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1699 | 200 | 8:30 | <200 | ○ |
| 5 | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | |

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):
All probes required 1-way valve 15 total today

H&P Mobile Geochemistry Inc.

# Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: LC062821-SB2 Date: 6/29/2021

Site Address: 2226 N ROSEMEAD BLVD Page: 1 of 1

Consultant: Leighton Consulting H&P Rep(s): T. Le Reviewed: DB

Consultant Rep(s): Marius Vilkas BOBBY Scanned: TLoms

**Equipment Info**
Inline Gauge ID#: T30
Pump ID#: 042

**Purge Volume Information**
PV Amount: 3PV PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

**Leak Check Compound**
*A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.*
☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

**Resample Key:**
RS = Resample
RD = for Dilution
RL = lor LCC fail

| | Sample Information | | | | Probe Specs | | | | | | | Purge & Collection Information | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Point ID | Syringe ID | Sample Volume (cc) | Sample Time | Probe Depth (ft) | Tubing Length (ft) | Tubing OD (in.) | Sand Ht (in.) | Sand Dia (in.) | Dry Bent. Ht (in.) | Dry Bent. Dia (in.) | Shut In Test 60 sec (✓) | Leak Check (✓) | Purge Vol (mL) | Purge Flow Rate (mL/min) | Pump Time (min:sec) | Sample Flow Rate (mL/min) | ProbeVac ☐ Hg ☑ ~~H2O~~ |
| 1 | LV-6-35 | 287/348 | 100 | 735 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 2 | LV-6-20 | 287/332 | 100 | 757 | 20 | 22 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1844 | 200 | 9:13 | <200 | ○ |
| 3 | LV-2-35 | 87/348 | 100 | 822 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 4 | LV-2-20 | 287/332 | 100 | 845 | 20 | 22 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1844 | 200 | 9:13 | <200 | ○ |
| 5 | LV-5-34 | 87/348 | 100 | 912 | 34 | 36 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2047 | 200 | 10:14 | <200 | 10 |
| 6 | LV-5-20 | 287/332 | 100 | 932 | 20 | 22 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1844 | 200 | 9:13 | <200 | ○ |
| 7 | LV-7-35 | 87/348 | 100 | 1000 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 8 | LV-7-15 | 287/332 | 100 | 1020 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1771 | 200 | 8:51 | <200 | ○ |
| 9 | LV-7-15 REP | 87/348 | 100 | 1089 | 15 | 17 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1871 | — | — | <200 | ○ |
| 10 | LV-7-7 | 287/332 | 100 | 1100 | 7 | 9 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1655 | 200 | 8:17 | <200 | ○ |
| 11 | LV-1-35 | 87/348 | 100 | 1124 | 35 | 37 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 2062 | 200 | 10:19 | <200 | ○ |
| 12 | LV-1-20 | 287/332 | 100 | 1142 | 20 | 22 | 1/4 | 12 | 2.25 | 6 | 2.25 | ✓ | ✓ | 1844 | 200 | 9:13 | <200 | ○ |

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

# APPENDIX D

## RWQCB March 17, 1998

## No Further Requirements Letter

NFR

Cal/EPA

Pete Wilson
*Governor*

**Los Angeles Regional Water Quality Control Board**

101 Centre Plaza Drive
Monterey Park, CA
91754-2156
(213) 266-7500
FAX (213) 266-7600

March 17, 1998

Mr. Gary Mearns
Former Pacific Coast Drum Co.
P.O. Box 3593
South El Monte, CA 91733

SAN GABRIEL VALLEY CLEANUP PROGRAM - NO FURTHER REQUIREMENTS, FORMER PACIFIC COAST DRUM CO., 2200 ROSEMEAD BLVD., SOUTH EL MONTE, CA (FILE NO. 107.0266)

Recent review of files and documents pertaining to this case revealed the following:

1. Based on past inspections by Regional Board staff, areas of concern at the site included: 1) a former gasoline underground storage tank (UST); 2) a drum storage area along the eastern portion of the site; 3) a drum storage area along the southern portion of the site; 4) one clarifier and three sumps; and 5) a drum storage area in the northeast corner of the site.

2. The 12,000-gallon UST was removed and closed by Los Angeles County Department of Public Works in October 1986.

3. In November 1988, a soil assessment was performed and results were submitted by Conservtech in a report dated December 5, 1988. Three borings to a maximum depth of 50 feet below ground surface (bgs) were drilled near the clarifier and sumps area. Maximum concentrations of acetone (1,150 ug/kg) were detected to five feet bgs; and TPH (60 mg/kg) was detected to 40 feet bgs. Two borings were converted to monitoring wells (MW-1 and 2).

4. In August 1990, one monitoring well (MW-3) was installed in the former drum storage area in the northeast corner of the site, and results were submitted by Conservtech in a report dated September 4, 1990. Maximum concentrations of 1,2-DCA (780 ug/kg) and methylene chloride (900 ug/kg) were detected in soil to 30 feet bgs.

5. In September 1991, a soil gas survey was performed and results were submitted by Inland Empire Environmental Service in a report dated October 7, 1991. A total of eighty-five (85) 5-foot probes were installed. Low concentrations of methane and vinyl chloride were detected in the probes. However, QA/QC problems were found in the survey data and results are questionable.

Recycled Paper

6. In August 1994, a soil assessment was performed and results were submitted by Conservtech in a report dated January 12, 1995. A total of sixteen (16) 10-foot borings were drilled in the entire site. Maximum concentrations of 1,1-DCA (5 ug/kg), PCE (150 ug/kg), and TCE (20 ug/kg) were detected to five feet bgs near the **sumps and clarifier area**.

7. In March 1995, a soil gas survey was performed and results were submitted by EST in a report dated April 5, 1995. Four nested probes, each with probes at 1, 15, and 25 feet bgs, were installed near the **sumps and clarifier area**. Maximum concentrations of 1,1-DCA (50 ug/l), c-1,2-DCE (55 ug/l), PCE (134 ug/l), and TCE (38 ug/l) were detected in the probes.

8. In August 1995, a soil gas survey was performed and results were submitted by EST in a report dated September 6, 1995. Four nested probes, each with probes at 1, and 15 feet bgs, were installed in the **former drum storage area to the northeast corner of the site**. Maximum concentrations of DCE (12 ug/l), PCE (241 ug/l) and TCE (21 ug/l) were detected in the probes.

9. In January 1996, a soil gas survey was performed and results were submitted by EST in a report dated February 14, 1996. Four nested probes, each with probes at 1, and 15 feet bgs, were installed in the **former drum storage area to the northeast corner of the site**. Maximum concentrations of BTEX (466 ug/l of total xylenes), PCE (117 ug/l) and TCE (14 ug/l) were detected in the probes.

10. Between April 18, 1997 and January 29, 1998, a total of four nested probes, each with probes at approximately 15 and 20 feet bgs, were sampled to monitor the trend of VOC vapor concentrations in the vadose zone. Based on a total of four sets of vapor monitoring data, PCE, the compound detected at the highest concentrations, reduced from 241 ug/l to 38 ug/l and became stabilized over the monitoring period.

11. Three monitoring wells have been installed and sampled seven times since September 1990. Maximum concentrations of 1,1-DCA (592 ug/l), 1,1-DCE (28 ug/l), 1,2-DCE (1,050 ug/l), PCE (285 ug/l), TCA (89 ug/l), and TCE (215 ug/l) were detected in the groundwater. Highest VOC concentrations were detected in the monitoring well near the **sumps and clarifier area** (MW-2). Depth to groundwater was measured in February 1997 at approximately 21 feet bgs.

12. The subject facility has been notified by the United States Environmental Protection Agency (USEPA) to join the regional groundwater cleanup program.

The above site assessment data demonstrated that releases of liquid wastes from the subject site impacted the soil and groundwater beneath the site. A soil cleanup was not required. Instead, four nested soil vapor probes were sampled four times between April 1997 and January 1998 to monitor the trend of VOC vapor concentrations in the vadose zone between over a year. Such monitoring data suggested that residual VOC concentrations in the vadose zone stabilized or declined over the monitoring period. Therefore, we do not believe that further vapor monitoring is warranted. To date, the subject site has completed Regional Board staff requirements and we will not require any further remedial and investigative work with regarding to the soil contamination.

**Because past operations have impacted groundwater beneath this facility, you remain a potentially responsible party for the regional groundwater cleanup which is being led by USEPA. This Regional Board encourages you to continue to participate and cooperate in the ongoing regional groundwater cleanup. Sampling of the three existing groundwater monitoring wells required by this Regional Board can be discontinued. However, all monitoring wells must be properly maintained and made available for possible future sampling that may be required by USEPA.**

The jurisdiction requirements of other agencies, such as the USEPA, are not affected by this Regional Board's "no further requirement" decision. Such agencies may choose to make their own decisions regarding the groundwater contamination in the region.

ARTHUR G. HEATH, Ph.D.
Environmental Specialist IV

cc: Ms. Bella Dizon, U.S. EPA, Region IX

# APPENDIX E

## SCAQMD Rule 1466

(Adopted August 5, 1988)(Amended July 14, 1995)(Amended May 11, 2001)

# RULE 1166. VOLATILE ORGANIC COMPOUND EMISSIONS FROM DECONTAMINATION OF SOIL

(a) Applicability

This rule sets requirements to control the emission of Volatile Organic Compounds (VOC) from excavating, grading, handling and treating VOC-contaminated soil as a result of leakage from storage or transfer operations, accidental spillage, or other deposition.

(b) Definitions

(1) EXCAVATION is the process of digging out and removing materials, including any material necessary to that process such as the digging out and removal of asphalt or concrete necessary to expose, dig out and remove known VOC contaminated soil.

(2) GRADING is the process of leveling off to produce a smooth surface including the removal of any material necessary to that process such as asphalt and concrete necessary to expose known VOC contaminated soil.

(3) SOIL DECONTAMINATION MEASURE is any process approved by the Executive Officer to remediate, destroy, remove, or encapsulate VOC and VOC-contaminated soil.

(4) UNDERGROUND STORAGE TANK means any one or combination of tanks, including pipes connected thereto, which is used for the storage of organic liquid which is more than 50% beneath the surface of the ground.

(5) VOC CONTAMINATED SOIL is a soil which registers a concentration of 50 ppm or greater of Volatile Organic Compounds as measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil with an organic vapor analyzer calibrated with hexane.

(6) VOC CONTAMINATED SOIL MITIGATION PLAN is a plan to minimize VOC emissions to the atmosphere during excavation and any subsequent handling of VOC-contaminated soil.

(7) VOLATILE ORGANIC COMPOUND (VOC) is any volatile compound of carbon, excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, and exempt compounds. Exempt compounds are defined in Rule 102—Definition Of Terms.

(8) VOLATILE ORGANIC MATERIALS include gasoline, diesel, crude oil, lubricant, waste oil, adhesive, paint, stain, solvent, resin, monomer, and/or any other material containing VOC.

(c) Requirements

(1) A person excavating an underground storage tank and/or transfer piping storing or previously storing VOC materials, or excavating or grading soil containing VOC materials shall:

(A) Apply for, obtain and operate pursuant to a mitigation plan approved by the Executive Officer prior to commencement of excavation or handling. The mitigation plan general requirement and application requirements are found in Attachment A to this rule. A copy of the approved plan must be on site during the entire excavation period.

(B) Notify the Executive Officer at least 24 hours prior to excavation using a form approved by the Executive Officer which is fully completed.

If the excavation does not commence on start date, renotification is required.

An alternative notification procedure may be authorized for multiple excavations within a single facility, with prior written approval from the Executive Officer.

(C) Monitor for VOC contamination pursuant to subdivision (e), at least once every 15 minutes commencing at the beginning of excavation or grading and record all VOC concentration readings in a format approved by the Executive Officer; and

(D) When VOC-contaminated soil is detected during excavation or grading:

(i) Implement the approved mitigation plan (Attachment A).

(ii) Notify the Executive Officer within 24 hours of detection of VOC-contaminated soil.

(iii) Monitor and record VOC concentration readings as prescribed in the plan. Monitoring records must be kept available on site.

(iv) Keep calibration records for all monitoring instruments available on site.

(2) A person handling VOC-contaminated soil at or from an excavation or grading site shall:

(A) Segregate VOC-contaminated stockpiles from non-VOC contaminated stockpiles such that mixing of the stockpiles does not take place.

(B) Spray VOC-contaminated soil stockpiles with water and/or approved vapor suppressant and cover them with plastic sheeting for all periods of inactivity lasting more than one hour.

(C) Conduct a daily visual inspection of all covered VOC contaminated soil stockpiles to ensure the integrity of the plastic covered surfaces. A daily inspection record must be maintained on site.

(D) Comply with the provisions in subparagraph (c) (1)(A) and clause (c)(1)(D)(i).

(E) Maintain a record of the identification and business addresses of the generator, transporter and storage/treatment facilities. Such record shall be signed by each party at the time custody is transferred.

(F) Treat or remove contaminated soil from an excavation or grading site within 30 days from the time of excavation.

(3) If the VOC concentration in the excavated soil is measured at greater than 1000 ppm, spray the soil with water or vapor suppressant and:

(A) As soon as possible, but not more than 15 minutes, place the soil in sealed containers, or

(B) As soon as possible, but not more than 15 minutes, load into trucks, moisten with additional water, cover and transport off site, or

(C) Implement other alternative storage methods approved in writing by the Executive Officer.

(4) A person treating VOC-contaminated soil shall:

(A) Obtain a permit to construct and operate treatment equipment, as applicable, from the Executive Officer, and

(B) Implement VOC-contaminated soil decontamination measures, as approved by the Executive Officer in writing, which result in Best Available Control Technology applied during all segments, and which include, but are not limited to, at least one of the following:

(i) Installation and operation of an underground VOC collection system and a disposal system prior to excavation.

(ii) Collection and disposal of the VOC from the excavated soil on-site using equipment approved by the Executive Officer.

(iii) Any equivalent VOC-contaminated soil control measure previously approved in writing by the Executive Officer.

(5) A person shall not engage in or allow any on-site or off-site spreading, grading or screening of VOC-contaminated soil, which results in uncontrolled evaporation of VOC to the atmosphere.

(6) Loading trucks for contaminated soil must meet the following:

(A) The truck and trailer shall be adequately tarped prior to leaving the site; no excavated materials shall extend above the sides or rear of the truck or trailer to prevent soil spillage during transport, and

(B) The exterior of the truck, trailer and tires shall be cleaned off prior to the truck leaving the site.

(d) Exemptions

(1) The provisions of this rule shall not apply to the following:

(A) Excavation, handling, and treating of less than one (1) cubic yard of contaminated soil.

(B) Removal of soil for sampling purposes.

(C) Accidental spillage of five (5) gallons or less of VOC containing material.

(2) The provisions of paragraphs (c)(1) and (c)(2) shall not apply to soil excavation or handling as a result of an emergency as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized agency officer. Whenever possible, the Executive Officer shall be notified by telephone prior to commencing such excavation. The Executive Officer shall be notified in writing no later than 48 hours following such excavation. Written notification shall include written emergency declaration from the authorized officer.

(e) Test Methods

(1) A person shall measure excavated soils for volatile organic compounds to determine contamination by:

(A) Using an organic vapor analyzer calibrated with hexane, complying with 40 CFR Part 60 Appendix A, EPA Reference Method 21 Section 3 or any equivalent method with prior approval in writing by the Executive Officer. If other calibrating gases are used, then the measured readings shall be correlated to and expressed as hexane.

(B) Placing the probe inlet at a distance of no more than three inches from the surface of the excavated soil and while slowly moving the probe across the soil surface, observe the instrument readout. If an increased meter reading is observed, continue to sample the excavated soil until the maximum meter reading is obtained. Leave the probe inlet at this maximum reading location for approximately double the instrument response time. If the maximum observed meter reading is greater than the 50 ppm standard in the regulation, record and report the results.

(2) The presence of VOC in stored or spillage materials shall be determined by SCAQMD Method 313 [Determination of Presence of Volatile Organic Compounds (VOC) in Headspace] and/or Method 304 (Determination of Volatile Organic Compounds in Various Materials) contained in the SCAQMD "Laboratory Methods of Analysis for Enforcement Samples" manual.

(f) Enforcement

(1) Violation of any provision of this rule or the violation of the approved mitigation plan shall be grounds for the Executive Officer to amend or revoke the mitigation plan, in addition to penalties provided by the Health & Safety Code.

(2) If the owner or operator is served with a Notice of Violation for creating a public nuisance, the owner or operator shall suspend operation until the public nuisance is mitigated to the satisfaction of the Executive Officer.

ATTACHMENT A
GENERAL MITIGATION PLANS REQUIREMENTS

VOC Contaminated Soil Mitigation Plans shall be written to minimize VOC emissions to the atmosphere during excavation, grading, handling and treatment of VOC contaminated soil. VOC Contaminated Soil Mitigation Plans shall consist of three types: Various Locations, Site Specific and Facility Treatment.

(1) General Requirements

(A) A plan is not transferable.

(B) A person responsible for the excavation, grading or handling of VOC contaminated soil must be completely familiar with the plan and must adhere to the plan requirement. The Executive Officer may require that the plan be signed by the owner and/or operator.

(C) A plan may be amended upon renewal.

(D) Permission to excavate, grade or handle VOC contaminated soil may be withdrawn by the District upon a finding by the Executive Officer that the excavation, grading or handling of the VOC contaminated soil is causing a public nuisance or violating other AQMD rules or regulations.

(2) Various Location Plans:

(A) Shall be limited to the excavation of 2000 cubic yards or less of VOC contaminated soil in any consecutive 12 month period at the same site.

(B) Shall not be used in conjunction with any other various location plan at the same site within a consecutive 12-month period.

(C) Shall expire after one year from issuance unless renewed.

(D) Shall not be issued for nor used for operations that involve grading, soil treatment or remediation, or landfills.

(3) Site Specific Plans:

(A) Shall be for excavation of greater than 2000 cubic yards of VOC contaminated soil.

(B) Shall be issued for specific excavation or grading locations for a period not to exceed two years.

(C) Shall not be renewable.

(4) Facility Treatment Plans:

(A) Shall be issued for a treatment facility at a permanent location.

(B) Shall expire after one year from issuance unless renewed.

(5) Applications for Site Specific Plans shall contain as a minimum:

(A) Reasons for excavation or grading.

(B) Cause of VOC soil contamination and history of the site.

(C) Description of tanks or piping associated with the soil contamination.

(D) An estimate of the amount of contaminated soil.

(E) The operating schedule for excavation and removal.

(F) Description of how the excavation or grading will be conducted.

(G) Description of mitigation measures for dust, odors and VOC.

(H) Details of disposal of VOC contaminated soil, including the ultimate receptor.

(I) Description of monitoring equipment and techniques.

(J) A map showing the facility layout, property line, and surrounding area up to 2500 feet away, and including any schools, residential areas or other sensitive receptors such as hospitals or locations where children or elderly people live or work.

(K) Designation of a person who can conduct a site inspection with the Executive Officer prior to issuance of the plan.

(6) Applications for Facility Treatment Plans shall at a minimum:

(A) Include a list of all AQMD permits to construct or operate which have been issued for that treatment and control equipment.

(B) Provide for the implementation of VOC-contaminated soil decontamination measures, as approved by the Executive Officer in writing, which result in Best Available Control Technology during all operations.

(C) Provide a map showing the facility layout including the location of all proposed VOC and non-VOC contaminated soil stockpiles.

(D) Specify the total amount of VOC contaminated soil proposed to be stockpiled on site.

(E) Provide for VOC contaminated soil stockpiles to be kept moist with water or suppressant and be covered to prevent fugitive emissions.

(F) Provide for VOC contaminated soil stockpiles to be segregated from non-VOC contaminated soil stockpiles.

(G) Provide for maintenance of records for stockpiles according to the source name, address and dates of reception.

(H) Provide for records of the generator, transporter and storage/treatment facilities and indicate their identification and business addresses. Such records shall be signed by each party at the time custody is transferred.

(I) Provide a map showing the facility layout, property line, and surrounding area up to 2500 feet away, and including any schools, residential area or other sensitive receptors such as hospitals, or locations where children or elderly people live or work.

(J) Designation of a person who can conduct a site inspection with the Executive Officer prior to issuance of the plan.

(K) Specify the operating schedule and maximum amount of VOC-contaminated soil proposed to be remediated on a daily basis.

(7) In approving a plan, the Executive Officer require reasonable conditions deemed necessary to ensure the operations comply with the plan and AQMD rules. The conditions may include, but shall not be limited to, procedures for ensuring responsibility for the implementation of the plan, accessibility to the site for AQMD staff, notification of actions required by the plan, identification of emission receptors, monitoring and testing, suppression and covering of stockpiles, prevention of public nuisance from VOC or dust emissions, prevention of fugitive emissions of VOC contaminated soil, loading of truck trailers, and disposal and treatment.

(8) In approving a plan, the Executive Officer may require any records deemed necessary to be maintained by the operator to demonstrate compliance with the plan. Such records shall be retained for at least 2 years and be made available to the Executive officer upon request.

HALEY ALDRICH

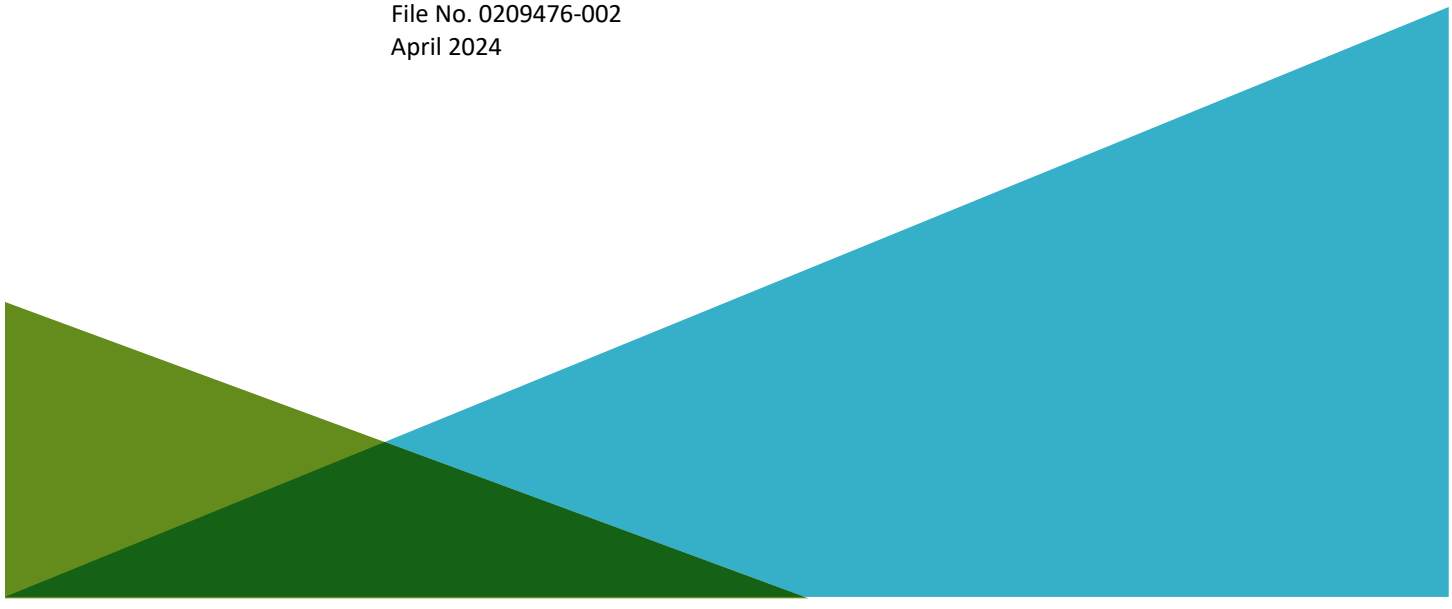
www.haleyaldrich.com

# LIMITED SOIL REMEDIATION WORK PLAN ADDENDUM
# ROSEMEAD HOLDING, LLC
# 2200-2226 N. ROSEMEAD BOULEVARD
# SOUTH EL MONTE, CALIFORNIA

by
Haley & Aldrich, Inc.
Costa Mesa, California

for
Rosemead Holding, LLC
City of Industry, California

File No. 0209476-002
April 2024



## SIGNATURE PAGE FOR

LIMITED SOIL REMEDIATION WORK PLAN ADDENDUM
ROSEMEAD HOLDING, LLC
2200-2226 N. ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA

**PREPARED FOR**
ROSEMEAD HOLDING, LLC
CITY OF INDUSTRY, CALIFORNIA

PREPARED BY:

Sylvan Long, P.G. (GA, IN), C.P. (OH)
Associate Hydrogeologist
Haley & Aldrich, Inc.

Christopher Tsiatsios, P.E. (CA)
Associate Engineer
Senior Project Manager
Haley & Aldrich, Inc.

Susan Shiu
Associate Risk Assessor
Technical Expert
Haley & Aldrich, Inc.

REVIEWED AND APPROVED BY:

Gina Plantz
Senior Principal
Haley & Aldrich, Inc.

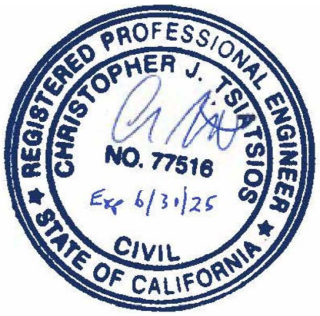


**Table of Contents** **Page**

**List of Tables** **iii**
**List of Figures** **iv**
**List of Appendices** **v**
**List of Abbreviations and Acronyms** **vi**

**1. Introduction** **1**

1.1 OBJECTIVES 1

**2. Site Background and Description** **3**

2.1 SITE LOCATION AND SETTING 3
2.2 SITE HISTORY AND HISTORIC OPERATIONS 3
2.3 TOPOGRAPHY 3
2.4 GEOLOGICAL DESCRIPTION 3
2.5 HYDROGEOLOGICAL DESCRIPTION 3
2.5.1 Regional 3
2.5.2 Site 4
2.6 SURROUNDING LAND USE 4
2.7 HISTORICAL PROPERTY-WIDE INVESTIGATIONS 4

**3. Supplemental Soil Investigation Sampling** **5**

3.1 PREMOBILIZATION AND PLANNING 5
3.2 SOIL BORING ADVANCEMENT, SAMPLING, AND ANALYSIS 5
3.2.1 Soil Sample Collection 5
3.2.2 Laboratory Analysis 6
3.3 SUPPLEMENTAL SOIL INVESTIGATION ANALYTICAL RESULTS 6
3.3.1 PCB Results 6
3.3.2 Lead Results 6
3.3.3 Arsenic Results 6
3.3.4 Hexavalent Chromium Results 6
3.3.5 TPH Results 7
3.3.6 Moisture Content and pH 7

**4. Human Health Risk Evaluation Summary** **8**

4.1 APPROACH 8
4.1.1 Data Evaluation and Selection of Chemicals of Potential Concern 8
4.1.2 Potentially Exposed Populations and Exposure Pathways 9
4.2 FINDINGS AND CONCLUSIONS OF THE RISK EVALUATION 10

**5. Remedial Action Goals for Shallow Soil** **12**



HALEY ALDRICH

## Table of Contents Page


5.1 SOIL REMEDIAL ACTION GOALS 12

**6. Nature and Extent of Chemicals of Concern 15**

6.1 PCBS 15
6.1.1 Surface Concrete 15
6.1.2 Soil 15
6.2 METALS 15
6.2.1 Soil 15
6.3 TPH 16
6.3.1 Soil 16

**7. Remedial Excavation Implementation Plan 17**

7.1 PRE-EXCAVATION ACTIVITIES 17
7.1.1 Site Preparation 17
7.1.2 Utility Clearance 17
7.1.3 Permits 17
7.1.4 CEQA 17
7.1.5 HASP 18
7.1.6 Air Monitoring 18
7.1.7 Site Security 18
7.1.8 Notifications 18
7.2 EXCAVATION ACTIVITIES 18
7.2.1 Soil Removal 18
7.2.2 Confirmation Sampling 19
7.2.3 Deep Excavations 19
7.2.4 Stockpiled Soil and Waste Soil Management 19
7.2.5 Backfill 20
7.3 POST-REMEDIATION RISK EVALUATION 20
7.4 REPORTING 20
7.5 SCHEDULE 20

**8. Vapor Intrusion Pathway Mitigation Plan 21**

8.1 SOIL VAPOR ANALYTICAL RESULTS 21
8.2 SOIL VAPOR EXTRACTION 21
8.3 VAPOR INTRUSION MITIGATION 21
8.3.1 Property Use 22
8.3.2 Conceptual VIMS 22
8.3.3 Construction Quality Assurance 23
8.3.4 VIMS Operation, Maintenance, and Monitoring 24

**9. References 25**

## List of Tables


| Table No. | Title |
|---|---|
| 1 | Summary of Previous Soil PCB Analytical Results and Dry Weight Conversion |
| 2 | Summary of Previous Soil Analytical Results – Arsenic, Lead, Chromium VI |
| 3 | Summary of Previous Soil Analytical Results – TPH |
| 4 | Summary of Soil Analytical Results – PCBs |
| 5 | Summary of Soil Analytical Results – Arsenic, Lead, Chromium VI |
| 6 | Summary of Soil Analytical Results – TPH |
| 7 | Chemicals of Concern and Soil Risk-Based Screening Concentrations |
| 8 | Soil Remedial Excavation Volumes |
| 9 | Soil Remedial Excavation Volumes by COC |

## List of Figures


| Figure No. | Title |
|---|---|
| 1 | Project Locus |
| 2 | Site Plan |
| 3 | Soil Analytical Results - PCBs |
| 4 | Soil Analytical Results –Lead |
| 5 | Soil Analytical Results – Arsenic |
| 6 | Soil Analytical Results – Hexavalent Chromium |
| 7 | Soil Analytical Results –TPH |
| 8 | Remedial Excavation Plan |
| 9 | Soil Vapor Analytical Results - VOCs |
| 10 | Site Plan Showing Proposed Development Plan and Conceptual VIMS |

## List of Appendices


| Appendix | Title |
|---|---|
| A | Response to LARWQCB Comments |
| B | Laboratory Analytical Reports |
| C | Data Usability Summary Report |
| D | Soil Investigation Field Reports |
| E | Technical Memorandum for the Evaluation and Development of a Site-Specific Screening Level for Protecting Groundwater from Lead Impacts in Shallow Soil |
| F | Updated Risk Evaluation |

## List of Abbreviations and Acronyms

| Abbreviation | Definition |
|---|---|
| ABSC | Ambient-Based Screening Concentration |
| AST | Aboveground Storage Tank |
| bgs | Below Ground Surface |
| CCR | California Code of Regulations |
| CFR | Code of Federal Regulations |
| COPC | Chemical of Potential Concern |
| COC | Chemical of Concern |
| CQA | Construction Quality Assurance |
| DTSC | California Department of Toxic Substances Control |
| EEC | EEC Environmental |
| Haley & Aldrich | Haley & Aldrich, Inc. |
| Leighton | Leighton Consulting, Inc. |
| LARWQCB | Los Angeles Regional Water Quality Control Board |
| LSRWP | Limited Soil Remediation Work Plan |
| mg/kg | Milligrams per kilogram |
| PCB | Polychlorinated Biphenyl |
| PCE | Tetrachloroethene |
| PEA | Preliminary Endangerment Assessment |
| Property | 2200-2226 North Rosemead Boulevard in South El Monte, Los Angeles County, California |
| Ramboll | Ramboll US Corporation |
| RAO | Remedial Action Objective |
| RBSC | Risk-Based Screening Concentration |
| SEMOU | South El Monte Operating Unit |
| SSL | Soil Screening Level |
| SVE | Soil Vapor Extraction |
| TCE | Trichloroethene |
| TPH | Total Petroleum Hydrocarbons |
| TSCA | Toxic Substances Control Act |
| USEPA | United States Environmental Protection Agency |
| UST | Underground Storage Tank |
| VOC | Volatile Organic Compound |

# 1. Introduction

This Limited Soil Remediation Work Plan Addendum (Work Plan Addendum) was prepared by Haley & Aldrich, Inc. (Haley & Aldrich) on behalf of Rosemead Holding, LLC for the former industrial property located at 2200-2226 N. Rosemead Boulevard in South El Monte, California (Site; Figure 1). Environmental investigations and proposed soil removal are being conducted under the oversight of the Los Angeles Regional Water Quality Control Board (LARWQCB).

Assessments were conducted at the Site in 2020 in support of an anticipated sale of the property to Rosemead Holdings, LLC (Ramboll, 2020a and 2020b; EFI, 2020; EEC, 2020). Based on the results of the pre-due diligence assessments, Leighton conducted a follow-up limited subsurface investigation to further characterize metals, polychlorinated biphenyls (PCBs), and volatile organic compounds (VOCs) in soil and soil vapor. The results of the limited investigation were submitted to the LARWQCB in September 2021 (Leighton, 2021). The LARWQCB provided comments on the Limited Soil and Soil Vapor Site Investigation Report on 17 August 2022. Leighton submitted a Limited Soil Remediation Work Plan (LSRWP) for the Eastern Portion of 2200 North Rosemead Boulevard and a Limited Soil Investigation Report to the LARWQCB on 25 April 2023 (Leighton, 2023a and 2023b). In June 2023, Leighton completed an additional investigation to further characterize PCBs in soil. Results of that investigation are included in Table 1.

In January 2024, Haley & Aldrich collected additional soil samples from the eastern portion of the Site to supplement the existing data and further characterize chemicals of potential concern (COPCs) in shallow soil. This Work Plan Addendum supplements the LSRWP with the newly collected data and addresses LARWQCB and Office of Environmental Health Hazard Assessment (OEHHA) comments including those made in a 20 December 2023 conference call with LARWQCB staff. A response to the formal LARWQCB and OEHHA's comments are provided in Appendix A.

Soil vapor investigations were conducted in August/September 2020, June 2021, and March/April 2023 to characterize sub-surface soil vapor conditions. The soil vapor results are summarized in reports by EEC and Leighton (EEC, 2020; Leighton, 2021; EEC, 2023a).

Groundwater assessments were conducted in the 1990s and resulted in a No Further Requirements determination being issued for groundwater by the LARWQCB in March 1998. To support the property sale in 2020, four hydropunch groundwater samples were collected and analyzed for VOCs and select metals. More recently, groundwater sampling was completed in January and May 2023 on three new wells that were installed in December 2022 at the direction of the LARWQCB. Details of the well installation and a summary of the 2020 and 2023 groundwater data are provided in the Well Installation and Sampling Report that was submitted to the LARWQCB in July 2023 (EEC, 2023b).

## 1.1 OBJECTIVES

The objectives of this Work Plan Addendum are to:

- Summarize the supplemental soil sample results;
- Update the human health risk assessment based on OEHHA's comments and new data collected;
- Define remedial action goals for chemicals of concern (COCs) in shallow soil;

- Update the LSRWP remedial excavation implementation plan; and
- Provide a conceptual vapor intrusion pathway mitigation plan for the future on-Site industrial building.

# 2. Site Background and Description

The following sections summarize and update applicable information that was provided in Section 3 of the LSRWP.

## 2.1 SITE LOCATION AND SETTING

The Site is 5.1 acres and consists of Los Angeles County parcel numbers 8102-039-031, 8102-039-035, 8102-039-029, and 8102-039-030. The Site is currently vacant (Figure 2).

## 2.2 SITE HISTORY AND HISTORIC OPERATIONS

As described in the LSRWP, the Site was developed for agricultural purposes from about 1928 through 1948. The Site was then used for the storage of construction equipment until 1959 when Pacific Coast Drum Company redeveloped the Site as a steel drum reconditioning facility. Pacific Coast Drum stopped operations in 1996 and leased the property to Ditty Container, Inc. From 1996 to 2020, the western portion of the Site was occupied by various auto body and repair shops, and the eastern portion of the Site was used for metal drum and plastic tote cleaning and reconditioning operations that included underground storage tanks (USTs), aboveground storage tanks (ASTs), and sumps. Historical operations and recognized environmental conditions are summarized in the Phase I Environmental Site Assessments for 2200 North Rosemead Boulevard and 2212, 2218, 2226 North Rosemead Boulevard (Ramboll, 2020a and 2020b).

Rosemead Holding, LLC acquired the property in December 2020. Demolition of the former buildings was completed in February 2022. The former building concrete slabs and pavement remain intact with limited areas of exposed soil in the southern portion of the Site. The Site is secured with a chain link fence surrounding the property. Access is available via locked gates on the fence.

## 2.3 TOPOGRAPHY

The Site topography is generally flat, with a slight southwesterly slope due to the grading associated with the former buildings and parking lots. The property elevation is approximately 230 feet above mean sea level.

## 2.4 GEOLOGICAL DESCRIPTION

Generally, the soils encountered in the subsurface of the Site consisted primarily of light brown, brown, or dark brown poorly graded sand and clay with varied gravel content, sandy clay, silt, silty sand, and clayey sand ranging between two (2) inches and 4.5 feet in thickness.

Regional geologic setting is described in detail in the LSRWP.

## 2.5 HYDROGEOLOGICAL DESCRIPTION

### 2.5.1 Regional

The Site is located within the San Gabriel Valley Groundwater Basin and within the South El Monte Operable Unit (SEMOU) of the San Gabriel Valley Area 1 Superfund site and includes groundwater

underlying the City of South El Monte and portions of the cities of El Monte and Rosemead. Pacific Coast Drum previously entered into a Consent Agreement with the United States Environmental Protection Agency (USEPA) in 2012 addressing the South El Monte Operable Unit groundwater.

### 2.5.2 Site

Depth to groundwater in the unconsolidated, uppermost water-bearing zone, as measured in monitoring wells installed on-Site in 2023, ranged from 48.30 to 51.40 feet below top of well casing. The groundwater flow direction was determined to be generally south, fluctuating between southwest and southeast (EEC, 2023b). Recent groundwater sampling shows VOCs at or below the maximum contamination levels for drinking water.

## 2.6 SURROUNDING LAND USE

The Site is bounded by the following properties and land uses:

- North: Commercial use – 168 Ace Lumber & Supply (2310 Rosemead Boulevard)
- East: Commercial and industrial uses, including Golden Bee's Transportation (2315 Chico Avenue), LGM Soil Amendments (2213 Chico Avenue), Sierra Landscape Development (2209 ½ Chico Avenue), Porter Manufacturing & Supply Corp (2215 Chico Avenue), and C&H Metal Products (2207 Chico Avenue)
- South: Residential and commercial use, including a trailer park and Kitchen & Bath Direct USA (2128 Rosemead Boulevard).
- West (across North Rosemead Boulevard): Commercial and industrial use, including Tile Depot (2129 Rosemead Boulevard), Highway Machinery Inc. (2207 Rosemead Boulevard), Asia Building Supply (2213 Rosemead Boulevard), and QT Auto Repair & Collision Center (2305 Rosemead Boulevard)

According to the publicly available City of South El Monte Zoning Map, accessed 15 February 2024, the Site and surrounding areas are zoned Commercial-Manufacturing, with nearby areas to the east, south, and west zoned Manufacturing. Other than the trailer park south of the Site, the nearest area zoned for residential use is approximately 1,500 feet southeast of the Property, near the corner of Potrero Avenue and Rush Street.

## 2.7 HISTORICAL PROPERTY-WIDE INVESTIGATIONS

Historical Site investigations and assessments are described in Section 3.4 of the LSRWP. Supplemental investigations completed in 2024 are presented in Section 3.

# 3. Supplemental Soil Investigation Sampling

COPCs in shallow soil were defined in the LSRWP as those constituents detected at greater than the laboratory reporting limit. COCs were defined as COPCs that exceed risk thresholds. COCs were identified in the LSRWP as hexavalent chromium and lead (Leighton, 2023a). Other COPCs that were evaluated as potential risk drivers in this Work Plan Addendum include PCBs, arsenic, and total petroleum hydrocarbons (TPH).

As PCB-impacted soil is regulated by the USEPA 40 Code of Federal Regulations (CFR) §761, a Toxic Substances Control Action (TSCA) Application for Risk-Based Cleanup Approval (TSCA Cleanup Plan) was submitted to the USEPA on 11 March 2024. The proposed cleanup will include the removal and disposal of soil with PCBs exceeding 1 mg/kg, which is consistent with self-implementing cleanup levels established in 40 CFR §761.61(a).

In January 2024, Haley & Aldrich completed soil sampling to further characterize COPCs in shallow soil. The goal of this supplemental soil sampling program was to further delineate the lateral and vertical extent of soil impacts to support remediation planning and Site redevelopment. The characterization program included the collection and laboratory analysis of 82 soil samples from 23 soil boring locations, some of which included locations that were previously sampled. Supplemental soil sample locations are shown on Figures 3 through 7.

Previous PCB soil analytical results are summarized in Table 1 and corrected for dry weight. Previous arsenic, hexavalent chromium, and lead soil analytical results are summarized in Table 2. Previous TPH soil analytical results are summarized in Table 3.

The following activities were completed as part of the supplemental soil sampling program.

## 3.1 PREMOBILIZATION AND PLANNING

The following work was completed prior to the start of soil sampling activities:

- Coordinated Site access and marked out boring locations in the field;
- Prepared a Site-specific Health and Safety Plan (HASP); and
- Notified Underground Service Alert 72 hours prior to mobilization and retained an independent geophysical utility locator to clear boring locations prior to sub-surface drilling activities.

## 3.2 SOIL BORING ADVANCEMENT, SAMPLING, AND ANALYSIS

### 3.2.1 Soil Sample Collection

Soil borings were advanced using hand-auger and direct-push drilling methods as appropriate given subsurface conditions. Hand auger samples were collected using a dedicated liner for each sample, which was also used as a sample container for transport to the lab for analysis. Where direct-push drilling techniques were used, soil samples were collected using an acrylic liner inside the core barrel. The soil core was logged using the Unified Soil Classification System. Non-dedicated tooling was decontaminated between boreholes using a three-rinse wash.

Samples were placed in a cooler on ice and shipped under standard chain-of-custody protocol to Eurofins' Cleveland laboratory located in Barberton, Ohio for PCB analysis and Eurofins Calscience in Tustin, California for other analyses.

### 3.2.2 Laboratory Analysis

Soil samples were analyzed for one or more of the following COPCs:

- PCBs by USEPA Methods 8082A and 3540C (Soxhlet Extraction);
- Moisture Content by USEPA Method 2540G;
- Arsenic and Lead by USEPA Method 6010B;
- Hexavalent Chromium by USEPA Method 7196A and 3060A (Alkaline Digestion);
- Total Petroleum Hydrocarbons, Diesel Range Organics (TPH-D) by USEPA Method 8015B; and
- pH by USEPA Method 9045D.

## 3.3 SUPPLEMENTAL SOIL INVESTIGATION ANALYTICAL RESULTS

Supplemental soil investigation analytical results are summarized below. Laboratory reports are included in Appendix B and a Data Usability Summary Report is included as Appendix C. Field forms are included in Appendix D.

### 3.3.1 PCB Results

PCBs were detected in 17 out of 82 samples originating from 12 of 23 locations sampled. Detected concentrations of total PCBs ranged from 0.24J mg/kg at LV-9 (a resample of a prior sampling location) at 1 ft below ground surface (bgs) to 65 mg/kg at HA-SB-07 at 0.5 ft bgs. PCB soil sample laboratory results are summarized in Table 4 and shown on Figure 3.

### 3.3.2 Lead Results

Lead was detected in all 16 samples collected from all 12 locations. Detected concentrations of lead ranged from 2.78 mg/kg at LV-15-02-E at 1 ft bgs to 2,540 mg/kg at HA-SB-25 at 2 ft bgs. Lead soil sample laboratory results are summarized in Table 5 and shown on Figure 4.

### 3.3.3 Arsenic Results

Arsenic was detected in 17 of 20 samples originating from 13 of 14 locations sampled. Detected concentrations of arsenic ranged from 2.68 mg/kg at LV-15-01-W at 7.5 ft bgs to 10 mg/kg at LV-15-03-S at 7.5 ft bgs. Arsenic soil sample laboratory results are summarized in Table 5 and shown on Figure 5.

### 3.3.4 Hexavalent Chromium Results

Hexavalent chromium was detected in one of two samples. Hexavalent chromium was detected at 8.31 mg/kg at HA-SB-16 at 1 ft bgs. Hexavalent chromium soil sample laboratory results are summarized in Table 5 and shown on Figure 6.

### 3.3.5 TPH Results

TPH-D was detected in two samples originating from two locations. TPH-D concentrations were 25 mg/kg at HA-SB-18 at 5 ft bgs and 150 mg/kg at HA-SB-27 at 2 ft bgs. TPH-D soil sample laboratory results are summarized in Table 6 and shown on Figure 7.

### 3.3.6 Moisture Content and pH

Moisture content was analyzed to correct the PCB results for dry weight and pH was used to update the Technical Memorandum for the Evaluation and Development of a Site-Specific Screening Level for Protecting Groundwater from Lead Impacts and Shallow Soil (Appendix E).

# 4. Human Health Risk Evaluation Summary

A risk assessment for the Site was previously submitted to the LARWQCB on 18 November 2022, as part of a Preliminary Endangerment Assessment (PEA) Report (ENVIRO-TOX Services, 2022). An update to the human health risk evaluation was prepared by Haley & Aldrich to address specific comments regarding the PEA Report that were provided by the OEHHA on 12 July 2023. The OEHHA comments and responses to those comments are provided in Appendix A. The human health risk evaluation is provided as Appendix F. This section summarizes the approach, findings, and conclusions from the human health risk evaluation conducted for the Site.

## 4.1 APPROACH

The primary purpose of the human health risk evaluation is to determine whether the levels of chemicals detected in soil and soil vapor at the Site would pose a potential risk to human health based on the current and potential future property uses of the Site. The human health risk evaluation for the Site includes potential subsurface excavation scenarios and reasonably anticipated future land use scenarios. The results of the risk evaluation will be used to assist in identifying areas of the Site where remediation, or other forms of risk management, may be appropriate, with the overall goal of long-term protection of human health and the environment.

The methodology used in this human health risk evaluation is consistent with risk assessment guidelines provided by the USEPA's "Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A), Interim Final" (USEPA, 1989) and by the DTSC's "Preliminary Endangerment Assessment Manual" (DTSC, 2015). Human health risks were evaluated for hypothetical future on-Site receptors, which include construction workers assumed to be involved in the redevelopment of the Site and on-Site non-intrusive (commercial/industrial) workers assumed to be present following such redevelopment.

The environmental data, COPCs, potentially exposed populations, and exposure pathways evaluated in the human health risk evaluation are discussed in the following sections.

### 4.1.1 Data Evaluation and Selection of Chemicals of Potential Concern

As mentioned in the LSRWP, environmental investigations at the Site date back to the 1980s with multiple soil, soil vapor, and groundwater investigations being conducted between 1986 and 1998; followed by additional soil and soil vapor investigations in 2020 and 2021 to evaluate site conditions in advance of planned demolition and industrial redevelopment. These Site investigation data, as presented in the previous PEA Report for the Site, were included in the human health risk evaluation in addition to soil and soil vapor data collected as part of the groundwater and soil vapor investigations that were completed in March/April 2023 and January 2024. Data collected during these investigations were included in the datasets used in the human health risk evaluation with exceptions noted in the sections below.

#### *4.1.1.1 Soil*

Soil data considered relevant for a human health risk evaluation for the Site (including potential subsurface excavation and reasonably anticipated future land use) typically include data for soil samples

from depths up to and including 10 feet bgs, as 10 feet is generally considered the maximum depth for excavation activities associated with subsurface maintenance work or site redevelopment.

Site soil data sets were provided in summary tables with results reported only for VOCs that were detected in soil at the Site. Therefore, non-detect VOC results for certain soil samples collected between October 2020 and February 2023 were not included in the human health risk evaluation.

DTSC guidance (1997, 2015) calls for the exclusion of inorganic compounds, specifically metals, from the quantitative risk assessment if they are detected at levels within the local background/ambient concentrations (hereafter referred to as simply "background"). As described in the PEA Report previously prepared for this Site (2022), the background metal data set was obtained from soil metal data collected from California Air Force facilities (Hunter, Davis, and Roach, 2004). Maximum detected soil metal concentrations at the Site were compared to the 95th percentile concentration obtained from the California Air Force facilities. Any metal detected in soil at concentrations higher than the 95th percentile background concentration were retained as COPCs. As a result, antimony, arsenic, barium, cadmium, total chromium, hexavalent chromium, cobalt, copper, mercury, molybdenum, nickel, silver, and zinc were included as COPCs in the human health risk evaluation. The selection of metal COPCs is presented in Table 1 of the human health risk evaluation (Appendix F).

The chemicals detected in on-Site soil (0 to 10 feet bgs) included in the human health risk evaluation as COPCs consist of: various VOCs; TPH-D, TPH-gasoline range organics (GRO), TPH-motor oil (MO), various PAHs, metals determined to be above background/ambient levels, and PCBs Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260, Aroclor-1262, and Aroclor-1268 (Table 1 of Appendix F).

#### *4.1.1.2 Soil Vapor*

Historical soil vapor data was reviewed in the context of more current soil vapor data, where available, to determine if historical results were no longer representative of current subsurface soil vapor conditions. All soil vapor data collected prior to the 2020 sampling event are no longer considered representative of current conditions and were not used in the human health risk evaluation. In addition, because targeted soil vapor extraction was conducted by EEC, the following soil vapor sample results collected in October 2020 and June 2021 from within the radius of influence of the SVE system are not considered to be representative of current subsurface soil vapor conditions and were not included in the human health risk evaluation: HP-1, HP-2, HP-3, SB-26, SB-27, SB-28, SB-29, SB-30, SB-31, SB-32, SB-33, LV-3, LV-5, LV-6, LV-7, and LV-9. All VOCs detected in soil vapor samples collected at the Site were included in the human health risk evaluation (Table 2 of Appendix F).

### 4.1.2 Potentially Exposed Populations and Exposure Pathways

The Site is currently unoccupied and is located within an industrialized area of South El Monte, California. Proposed industrial development of the Site consists of one three-story building, with a total building footprint of approximately 122,555 $ft^2$. Planned future use of the first floor includes approximately 112,405 $ft^2$ of warehouse space, 8,200 $ft^2$ of retail space, and 1,950 $ft^2$ of office space. Based on the proposed development plans, hypothetical future land use at the Site was assumed to consist only of commercial/industrial use. Accordingly, the focus of the human health risk evaluation is on those exposure pathways that realistically would be considered complete for the commercial/industrial land use scenario should the subsurface COPCs be brought to the surface during redevelopment where exposure could occur. A construction scenario was also included to evaluate

potential exposure during redevelopment of the Site and/or short-term intrusive activities associated with utility-line work. For these scenarios, it was assumed that existing ground cover including all hardscape would be removed, and that redevelopment of the Site could result in significant disturbance of the existing topography in which excavated soil is left at the surface, such that hypothetical future receptors would be potentially exposed to COPCs in on-Site soil (0 to 10 feet bgs). The potentially complete pathways through which hypothetical future on-Site populations may be exposed to COPCs in on-Site soil (0 to 10 feet bgs) or on-Site soil vapor include the following:

***Hypothetical Future On-Site Non-Intrusive Worker***

- incidental soil ingestion;
- dermal contact with soil;
- inhalation of particulates in outdoor air; and
- inhalation of volatiles migrating from soil up through the soil column (as soil vapor) into indoor and outdoor air.

***Hypothetical Future On-Site Construction Worker***

- incidental soil ingestion;
- dermal contact with soil;
- inhalation of particulates in outdoor air; and
- inhalation of volatiles migrating from soil up through the soil column into outdoor air.

Exposure pathways considered incomplete and/or insignificant were not included in the risk evaluation. Exposure pathways considered incomplete and/or insignificant are discussed below:

- **Exposures related to groundwater:** The LARWQCB issued a NFR letter in March 1998 related to groundwater at the Site. As such, consistent with the 2022 PEA Report, potential exposure to groundwater is not evaluated as part of this human health risk evaluation; and
- **Exposures related to the surface water runoff pathway:** Surface water runoff from the Site flows into a storm water collection system before discharging to a city storm drain, and therefore presents no exposure opportunities. Thus, the surface water runoff pathway is considered incomplete under current or future conditions and is not evaluated in the human health risk evaluation.

## 4.2 FINDINGS AND CONCLUSIONS OF THE RISK EVALUATION

This human health risk evaluation was conducted to determine whether the levels of chemicals detected at the Site would pose a potential risk to human health based on the current and potential future property uses at the Site. The results of the human health risk evaluation will be used to assist in identifying areas of the Site where remediation, or other forms of risk management, may be appropriate to reduce risks to levels that would be fully protective of human health and the environment.

In sum, the results of the human health risk evaluation support the following:

- VOCs detected in soil vapor may require remediation, mitigation, or other form of risk management (e.g., institutional controls) prior to the redevelopment of the Site for future commercial/industrial land use purposes.
- Levels of PCBs, lead, arsenic, and hexavalent chromium in soil at the Site may require some remediation, mitigation, or other form of risk management (e.g., institutional controls) prior to the redevelopment of the Site for future commercial/industrial land use purposes.
- Levels of PCBs, lead, arsenic, and hexavalent chromium in soil at the Site may require some remediation, mitigation, or other form of risk management to protect the health of hypothetical future on-Site construction workers involved in the redevelopment of the Site for commercial/industrial land use purposes.

# 5. Remedial Action Goals for Shallow Soil

Site characterization activities indicate the presence of COPCs in soil at the Site, which warrant some sort of risk management to be fully protective of human health and the environment. Remedial Action Objectives (RAOs) have been developed based on current environmental conditions and the planned future use of the Site. The RAOs established for the Site include:

- Protect human health and the environment by limiting exposures to COPCs in soil through inhalation, dermal contact, and ingestion.
- Reduce human health-based risks associated with the COPCs in soil to a level that is acceptable for future commercial development with minimized restrictions.
- Ensure that concentrations of COPCs remaining in soil are protective of human health and the environment to the extent practicable.
- Prevent future impacts to groundwater through source removal, reduction, and/or containment.

RAOs were designed to protect human health and the environment by addressing 1) the contaminant and media of concern; 2) the exposure route(s) and receptor(s); and 3) the cleanup goal. The RAOs are based on the results of the human health risk evaluation summarized in Section 4.0.

Based on the RAOs, cleanup goals were developed that establish specific concentrations of chemicals in environmental media that are protective of both human health and the environment.

As concluded in the human health risk evaluation, levels of PCBs, lead, arsenic, and hexavalent chromium in soil may require remediation or other form of risk management (e.g., institutional controls) prior to the redevelopment of the Site for future commercial/industrial land use purposes. In order to meet the overall RAO, soil remedial action goals (RAGs) were developed.

## 5.1 SOIL REMEDIAL ACTION GOALS

The proposed soil RAGs are used to identify areas of the Site where some form of mitigation is required to meet the RAOs. The soil RAGs proposed for the COCs in soil were developed based on ambient-based (background) screening concentrations (ABSCs) or risk-based screening concentrations (RBSCs) developed in the human health risk evaluation (see Appendix F) that are considered safe and protective of future on-site uses, namely commercial populations. The methodology used to derive the ABSCs and RBSCs are described in detail in the human health risk evaluation (Appendix F).

For lead, a soil screening level (SSL) for the protection of groundwater was also considered in selecting a soil RAG for lead. An SSL for the protection of groundwater of 1,500 mg/kg for lead impacts in shallow soil was developed for the Site. The methodology and Site-specific parameters and assumptions used to develop the SSL are described in detail in a technical memorandum (see Appendix E). The RBSC for lead of 500 mg/kg is lower than SSL and, therefore, will be protective of soil leaching to groundwater pathway for lead. As such, the RBSC for lead of 500 mg/kg is selected as the soil RAG for lead.

Ambient (or "background") soil concentrations of arsenic commonly exceed concentrations corresponding to incremental lifetime excess cancer risk of one-in-one million ($1 \times 10^{-6}$). Because it is not usually possible or practical to reduce concentrations below background levels, the risk management objective normally imposed by regulatory agencies in these situations is to remediate a site to ambient levels. The ABSC for arsenic is 11 mg/kg based on (i.e., rounded up from) the upper bound of the Site-specific soil arsenic concentration of 10.63 mg/kg developed in the PEA Report (ENVIRO-TOX Services, Inc., 2022) and is selected as the soil RAG for the Site.

For PCBs, an RBSC of 0.6 mg/kg was developed for each of the individual Aroclors detected in soil at the Site, i.e., Aroclors-1242, -1248, -1254, -1260, -1262, and -1268. As indicated previously, PCB impacted soil is regulated by the USEPA 40 CFR §761. A TSCA Cleanup Plan was submitted to the USEPA on 11 March 2024. The proposed cleanup will include the removal and disposal of soil with PCBs exceeding 1 mg/kg. The proposed TSCA cleanup level of 1 mg/kg for total PCBs is lower than the sum of the RBSCs for all the Aroclors detected in soil and therefore, would be considered safe and protective of future on-site commercial populations. As such, the TSCA cleanup level of 1 mg/kg is selected as the soil RAG for total PCBs.

As discussed in the human health risk evaluation (see Appendix F), overly conservative exposure assumptions are used in the particulate inhalation pathway evaluation for the hypothetical future construction worker scenario. Remediation to the RBSC for the hypothetical future on-Site non-intrusive worker for hexavalent chromium of 6.2 mg/kg would be protective of the hypothetical future construction worker. As such, the RBSC for the hypothetical future on-Site non-intrusive worker of 6.2 mg/kg is selected as the soil RAG for hexavalent chromium.

Although TPH was not identified as a primary risk driver in the human health risk evaluation, elevated levels of TPH were detected in limited areas at the Site (see Figure 7). The RBSCs for the hypothetical future on-Site non-intrusive worker of 1,100 mg/kg, 1,900 mg/kg, 79,000 mg/kg are selected as the soil RAGs for TPH-D, TPH-GRO, and TPH-MO, respectively.

The soil RAGs for this Site are summarized below and in Table 7:

- Total PCBs: 1 mg/kg
- Lead: 500 mg/kg
- Arsenic: 11 mg/kg
- Hexavalent chromium: 6.2 mg/kg
- TPG-D: 1,100 mg/kg
- TPH-GRO: 1,900 mg/kg
- TPH-MO: 79,000 mg/kg

RAGs are a starting point for making risk management decisions and a tool for defining and guiding the extent and depths of the soil remediation. Following completion of the remediation activities, soil data representing post-remediation conditions at the Site, including results of confirmation soil samples discussed in Section 7.2.3, will be evaluated to confirm attainment of the RAOs. A post-remediation risk evaluation will be conducted, as described in Section 7.3, to evaluate the overall effectiveness of the remediation in achieving the stated RAOs. The post-remediation risk evaluation will assess whether the RAOs have been attained and will provide the basis for any additional mitigation measures and

institutional controls that will be appropriate to ensure the long-term protection of human health associated with residual impacts that remain at the Site.

# 6. Nature and Extent of Chemicals of Concern

A summary of the nature and extent of COCs based on previous investigation and assessments and the most recent supplemental soil investigation is provided below.

## 6.1 PCBS

PCB sample results are summarized below and in Tables 1 and 4 and shown on Figure 3.

### 6.1.1 Surface Concrete

PCBs were detected in four of 42 surface concrete samples that were collected on a 50-foot grid. PCBs were not detected in the remaining surface concrete samples. The maximum concentration detected was 0.263 mg/kg at location LP-29. PCBs were not detected greater than the RAG of 1 mg/kg in any concrete surface samples.

### 6.1.2 Soil

The soil characterization dataset for PCBs from previous and recent investigations includes a total of 411 soil samples collected from the surface to depths up to 20 ft bgs. PCB concentrations exceeded 50 mg/kg in four samples and are between 50 mg/kg and the RAG of 1 mg/kg in 49 samples. The maximum PCB concentration detected was 116 mg/kg at soil boring LP-15.

The soil sampling results indicate that concentrations of PCBs exceeding the RAG of 1 mg/kg are limited to shallow soils less than 5 ft bgs. Results regarding the characterization of PCBs and subsequent remedial activities have been presented to USEPA as part of a TSCA application to address PCBs in shallow soil.

## 6.2 METALS

### 6.2.1 Soil

The soil characterization dataset from previous and recent investigations for metals includes a total of 260 soil samples collected between depths of 0.5 to 20 ft bgs. Lead was identified in 243 soil samples at depths ranging from 0.5 to 20 ft bgs and exceeded the RAG of 500 mg/kg in 26 samples. Arsenic was identified in 188 soil samples at depths ranging from 0.5 to 20 ft bgs and exceeded the RAG of 11 mg/kg in ten samples. Hexavalent chromium was identified in 13 soil samples at depths ranging from 0.5 to 10 ft bgs and exceeded the RAG of 6.2 mg/kg in three samples.

The soil sampling results indicate that concentrations of metals exceeding RAGs are limited to shallow soils less than 7.5 ft bgs (5 samples) and a majority of the exceedances are less than 3 feet deep. The vertical extent of metals impacts have been adequately characterized. The horizontal extent of metals impacts have been characterized except for limited data gaps at one location on the southeast portion of the site at sample HA-SB-15 for lead and the southern portion of the Site at sample HA-SB-16 for hexavalent chromium as shown on Figures 4 and 6. Additional soil data will be collected during the confirmation sampling program to fill these data gaps.

## 6.3 TPH

### 6.3.1 Soil

The soil characterization dataset from previous and current investigations for TPH includes a total of 201 soil samples. Of those, TPH-D concentrations exceeded the RAG of 1,100 mg/kg in ten samples and TPH-GRO concentrations exceeded the RAG of 1,900 mg/kg in three samples. No exceedances of the RAG for TPH-MO were reported in soil samples collected at the Site.

The soil sampling results indicate that concentrations of TPH exceeding RAGs are limited to shallow soils less than 5 ft bgs, and that the vertical extent of TPH impacts at the Site has been adequately characterized. The horizontal extent of TPH impacts have not been fully delineated in the western portion of the site at LV-7 as shown on Figure 7. Additional soil data will be collected during the confirmation sampling program to fill this data gap.

# 7. Remedial Excavation Implementation Plan

Site remediation activities will include the excavation and disposal of COC-impacted soils. The following sections supplement the remedial excavation implementation plan that was included in the LSRWP.

As presented earlier, PCB-impacted soil is regulated by the USEPA 40 CFR §761 and will be managed with the USEPA as the lead agency in accordance with the TSCA Cleanup Plan that was submitted to the USEPA on 11 March 2024. Other COCs are generally co-located with PCB shallow soil impacts and will therefore be removed during the TSCA remedial excavation program. Planned excavation locations for each COC that are within and outside of the proposed PCB excavation limits are shown on Figure 8. Planned remedial soil excavation volumes are shown by depth and COC in Tables 8 and 9.

## 7.1 PRE-EXCAVATION ACTIVITIES

### 7.1.1 Site Preparation

Activities prior to mobilization to the Site will include coordinating Site access, inspections, surveying, demarcating proposed excavation limits, and installing temporary fencing around the proposed excavations, if required.

Trees, shrubs, bushes, and vegetation on the Site will be cleared to allow access for construction work to take place.

A tracking control (mud mat) and an access/haul road will be constructed to reduce the tracking of soil off-site. Street cleaning will be conducted as needed.

The topography of the Site is relatively flat. Erosion control equipment including a silt fence will be installed around the perimeter of the Site in accordance with a Site-specific SWPPP. Erosion control measures will remain in place and maintained until Site improvements are complete.

### 7.1.2 Utility Clearance

Utility clearance will include notification of the local Underground Services Alert at least 72-hours prior to mobilization and a geophysical survey to identify shallow-buried utilities or obstructions at each excavation location.

### 7.1.3 Permits

See Section 7.0 in the LSRWP.

### 7.1.4 CEQA

The City of South El Monte is in the process of finalizing an Initial Study in accordance with the California Environmental Quality Act (CEQA) requirements. The Initial Study concluded that a Mitigated Negative Declaration (MND) was appropriate for the proposed Site improvements. The CEQA Initial Study public notice and comment period is expected to occur in April/May 2024.

### 7.1.5 HASP

Work activities involving excavation or soil disturbance in areas potentially impacted with chemicals at concentrations greater than the removal criteria will be conducted in accordance with health and safety protocols in the OSHA Title 29 CFR §1910.120 (Hazardous Waste Operations and Emergency Response) and the CCR Title 8, Sections §5144 and §5192. The Site-specific health and safety plan (HASP) will be updated prior to mobilization. On-site staff will be required to comply with the HASP. Daily site safety meetings will be attended by all on-Site staff and will be held at the start of each workday. Personnel visiting the Site will also review and comply with the HASP. Safety meeting attendance will be documented using a daily tailgate meeting sign-in sheet.

### 7.1.6 Air Monitoring

See Section 5.3 of the LSRWP.

### 7.1.7 Site Security

Site security and control of access to the construction area will be maintained to control unauthorized entry, injury, vandalism, and theft. Access gates to the work area will be closed and locked at the end of each workday for security purposes. Gates shall not be left open or unattended.

### 7.1.8 Notifications

The USEPA and LARWQCB will be notified a minimum of two weeks prior to mobilization.

## 7.2 EXCAVATION ACTIVITIES

As shown in Table 8, 4,999 in-place cubic yards of COC-impacted soil will be excavated to a maximum depth of 8.5 feet. Remedial excavation limits are shown on Figure 8. The excavated soil will be segregated, stockpiled, sampled, profiled, and disposed at an appropriate waste disposal facility in accordance with the LSRWP.

### 7.2.1 Soil Removal

PCB impacted soil that exceeds the RAG of 1 mg/kg will be managed according to the TSCA Cleanup Plan under the oversight of the USEPA. Approximately 93.5% of the planned excavation volume (4,670 in-place cubic yards) is PCB-related and 6.5% (329 in-place cubic yards) is related to other COCs that are located outside of the lateral and vertical limits of the planned PCB-related excavation. The planned excavation volume for other COCs (lead, arsenic, hexavalent chromium, TPH) totals 623 in-place cubic yards. Of that total volume, 295 in-place cubic yards is co-located with PCB impacted soil and will be managed in accordance with the TSCA Cleanup Plan. The remainder of the planned excavation volume (329 in-place cubic yards) will be managed in accordance with this LSRWP Addendum. The planned excavation volume, co-located volume, and total depth for each COC is shown in Table 9.

### 7.2.2 Confirmation Sampling

Confirmation sampling for PCB-impacted soil will be completed in accordance with the TSCA Cleanup Plan. Confirmation samples for other COCs will be collected from the side wall and floor of the excavations after the excavation limits have been reached. Lead, arsenic, hexavalent chromium, and TPH confirmation sampling will be completed as prescribed in Section 6.2 of the LSRWP.

### 7.2.3 Deep Excavations

In accordance with OSHA requirements (29 CFR §1926.650, 29 CFR §1926.651, and 29 CFR §1926-652) excavations will not be entered when depths exceed four feet without:

- Sloping, benching, shoring, or trench boxes;
- A safe way to enter and exit the excavation; and
- Daily inspections by a trained Excavation Competent Person.

When excavations depths exceed 4 feet, confirmation samples will be collected from the sidewall and floor of the excavation using the bucket of the excavator.

### 7.2.4 Stockpiled Soil and Waste Soil Management

#### *7.2.4.1 Stockpile Management*

In addition to the stockpile management procedures described in Section 5 of the LSRWP, the following sampling and soil re-use requirements will be followed. The planned remedial excavations will be completed prior to the start of Site-wide grading activities. If previously unidentified potentially impacted soil is encountered during soil removal or grading activities, it will be segregated and tested according to the DTSC's Information Advisory on Clean Imported Fill Material. Stockpiled soil that exceeds the RAGs will not be re-used onsite. If stockpiled soil sampling results indicate RAGs are not exceeded, the stockpiled soil may be re-used on-Site. Previously unidentified potentially impacted stockpile soil sampling will be completed as follows:

| **Volume of Stockpile** | **Samples per Volume** |
|---|---|
| Up to 1,000 cubic yards | 1 sample per 250 cubic yards |
| 1,000 to 5,000 cubic yards | 4 samples for the first 1,000 cubic yards and 1 sample for each additional 500 cubic yards |
| More than 5,000 cubic yards | 12 samples for the first 5,000 cubic yards and 1 sample for each additional 1,000 cubic yards |

Soil samples will be analyzed for Site-specific COCs or as indicated by field observations. See Section 6.1 in the LSRWP for more information on stockpile management.

#### *7.2.4.2 Waste Classification and Disposal*

See Section 6.5 in the LSRWP.

### 7.2.5 Backfill

Excavations will be backfilled with clean on-Site overburden soil or stockpiled soil that meets RAGs. If excavation volumes increase based on confirmation sample results and import soil is required, the import soil will be from a clean source and test results will be provided to LARWQCB. Alternatively, if import soil does not have test results available, sampling and analysis will be coordinated with the LARWQCB and test results will be provided for review and concurrence.

## 7.3 POST-REMEDIATION RISK EVALUATION

A post-remediation human health risk evaluation will be conducted to document the overall effectiveness of the remediation activities in reducing the concentrations of residual chemicals in Site soil, thereby reducing potential future risks to human health and the environment. The post-remediation human health risk evaluation provides the technical basis for the proposed mitigation measures (i.e., a cap) and proposed institutional controls (i.e., deed restrictions in the form of an LUC) appropriate to ensure long-term protection of human health associated with residual levels of chemicals that are remaining in soil.

## 7.4 REPORTING

See reporting requirement in Section 8.0 of the LSRWP.

## 7.5 SCHEDULE

The anticipated implementation schedule for the remedial work is presented below.

| TASK | SCHEDULE AND DURATION |
|---|---|
| USEPA and LARWQCB Notification | Minimum 2 weeks prior to mobilization |
| Preparation and Mobilization | 10 Days |
| Remedial Soil Excavation Implementation | Approximately 45 Days |
| Reporting | 90 days following remedial construction completion. |

# 8. Vapor Intrusion Pathway Mitigation Plan

## 8.1 SOIL VAPOR ANALYTICAL RESULTS

Numerous soil vapor assessments have been conducted at the Site since 1991. More recently, soil vapor investigations were completed in August/September 2020, June 2021, and March 2023. Sample results indicate residual VOCs including tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride are present in soil vapor at concentrations that may require remediation or risk management (Figure 9). Maximum concentrations of VOCs detected in soil vapor since 2020 are presented below:

| VOC | Depth (ft bgs) | Maximum Concentrations (µg/m3) | Location | Comment |
|---|---|---|---|---|
| PCE | 5 | 18,000 | HP-2 | Prior to SVE |
| | 15 | 100,000 | SB-30 | Prior to SVE |
| | >15 | 25,000 | HP-2 | Prior to SVE |
| TCE | 5 | 6,000 | SB-21 | Prior to SVE |
| | 14 | 10,000 | LV-4 | Prior to SVE |
| | >15 | 8,600 | HP-2 | Prior to SVE |
| Vinyl Chloride | 5 | 17,000 | HP-4 | Prior to SVE |
| | 15 | 20,000 | SB-29 | Prior to SVE |
| | >15 | 11,000 | HP-4 | Post-SVE |

The most recent soil vapor analytical results are presented in a Soil Vapor Assessment Report dated April 2023 (EEC, 2023a).

## 8.2 SOIL VAPOR EXTRACTION

Following demolition of the former on-Site structures, a soil vapor extraction (SVE) pilot test was conducted to address VOC soil vapor impacts. The SVE system consisted of six dual-nested soil vapor extraction wells, a 500 standard cubic feet per minute blower, a knockout vessel, two 1,000-pound granular activated carbon vessels and associated conveyance piping. The SVE system layout is shown on Figure 9. The SVE pilot test was conducted from July to December 2022. The system removed approximately 28.8 pounds of VOC mass during operation. As noted in a letter to the LARWQCB from EEC Environmental, SVE operations were shut down in December 2022, because the system could not effectively remediate on-Site VOC impacts due to the continued migration of off-Site VOCs from the adjacent Chemrite site (EEC, 2023c).

## 8.3 VAPOR INTRUSION MITIGATION

The findings and conclusion of the risk assessment stated that VOCs detected in soil vapor may require some remediation or other form of risk management (e.g., institutional controls) prior to the redevelopment of the Site for future commercial/industrial land use purposes. The following sections summarize the use of a vapor intrusion mitigation system (VIMS) to meet the RAOs.

### 8.3.1 Property Use

As mentioned, Site redevelopment is proposed as an industrial three-story building, with a total building footprint of approximately 122,555 $ft^2$. Planned future use of the first floor includes approximately 112,405 $ft^2$ of warehouse space, 8,200 $ft^2$ of retail space, and 1,950 $ft^2$ of office space. Based on the proposed development plans, hypothetical future land use at the Site is assumed to consist only of commercial/industrial use. To mitigate potential vapor intrusion risks associated with VOCs in soil and soil vapor, it is proposed that VIMS components be incorporated into the future building design.

### 8.3.2 Conceptual VIMS

The installed VIMS will consist of an SSV system and an impervious vapor control barrier. The equipment and material used to construct the VIMS are described in further detail in the subsections below.

The VIMS will operate as a passive system (i.e., without mechanical ventilation). A conceptual VIMS layout is provided in Figure 10 of this Report. A plan set and equipment manufacturer specification sheets will be provided following approval of the conceptual VIMS. The VIMS features described in the following sections are representative of the conceptual VIMS (e.g., SSV system, vapor control barrier, sub-slab vapor sampling probes) and include the additional typical components of VIMS (e.g., seals at conduits and penetrations, vent risers, utility trench vapor cut-off barriers). The details of the conceptual VIMS are summarized in the following sections and may be modified during development of the final VIMS design.

#### *8.3.2.1 Sub-slab Ventilation*

The VIMS will include a venting system located beneath the vapor control barrier. The venting system will consist of a 3-inch gravel layer, low-profile collection pipe located within the gravel layer, and vent risers. The gravel layer will underlie the entire building's footprint apart from column footings, interior grade beams, and exterior footings. The low-profile collection pipe will consist of GeoVent™ or equivalent. The SSV system will passively vent through fourteen 3-inch-diameter Schedule 40 polyvinyl chloride solid vent risers located on the perimeter walls of the building. The vent riser pipes will be enclosed in a wall and accessible from the building's interior walls through a lockable access box and gas-tight plug installed in the vent riser pipe. The vent risers will terminate a minimum of 24 inches above the roofline of the building and will be equipped with non-restrictive rain caps. The layout of the passive SSV system is depicted in the conceptual VIMS layout provided in Figure 10.

The SSV system will operate passively and will have the option of being converted to active operation depending on the system performance monitoring results to be obtained as specified in Section 8.3.4 of this Work Plan Addendum.

#### *8.3.2.2 Vapor Control Barrier*

The vapor control barrier will include a Liquid Boot® system, or equivalent, comprising a 20-mil-thick Liquid Boot® VI-20 base fabric geotextile, 40-mil dry thickness Liquid Boot® geomembrane (which is a cold, water-based, seamless, monolithic spray-applied membrane), and a protective 10-ounce Ultrashield™ G-1000 protective geotextile. The vapor control barrier will underlie the entire building footprint except for interior grade beams and exterior footings. The vapor control barrier terminations will be sealed to the exterior footings and interior grade beams per the manufacturer's requirements.

The vapor control barrier will be placed directly over the SSV. The components of the vapor control barrier will be shown in the final VIMS design drawings, and the extent of the vapor control barrier is shown in the conceptual VIMS layout provided in Figure 10.

#### *8.3.2.3 Penetrations*

Penetrations through the vapor control barrier will be completed in accordance with the Liquid Boot® manufacturer recommendations for sealing around penetrations. The vapor control barrier will extend a minimum of 4.5-inches up the pipe penetration and will have a cable tie securing the vapor control barrier to the penetration embedded in the concrete slab. The vapor control barrier penetration seal details will be shown on the final VIMS design drawings.

#### *8.3.2.4 Sub-slab Vapor Sampling Probes*

Sub-slab vapor sampling probes will be installed for monitoring VOC concentrations below the vapor control barrier. Four vapor probes will terminate beneath the interior of the warehouse and occupied enclosed portions of the building. The probes are spaced across the building at varying distances toward the building interior and away from the low-profile venting system where feasible based on other building features.

The below-barrier vapor sampling probe will be located within a 3-inch-thick gravel layer beneath the vapor control barrier. Each sub-slab vapor sampling probe will be constructed of ¼-inch-diameter Teflon tubing fitted with a porous polypropylene or stainless-steel tip. The components of the sub-slab vapor sampling probes will be shown on the final VIMS design drawings, and the locations of the sub-slab vapor sampling probes are shown in the conceptual VIMS layout provided in Figure 10.

#### *8.3.2.5 Conduit Seals*

The dry utility conduits (e.g., electrical, telecommunication, sub-slab vapor sampling probe conduits) entering the building from below the vapor control barrier will be sealed with a closed-cell expanding polyurethane foam sealant to limit the migration of sub-slab vapor to the interior of the building. Details for the conduit seals will be provided in the final VIMS design drawings.

#### *8.3.2.6 Utility Trench Vapor Cut-off Barrier*

The utility trench dams will be installed at utility trench locations for piping and/or conduit that extend beneath the building foundation from areas outside the perimeter of the building to mitigate the migration of potentially harmful vapors along relatively permeable trench backfill materials. The utility trench dams will consist of a relatively impermeable materials located immediately adjacent to the exterior perimeter of the foundation and have a minimum length of twice the width of the trench or 36 inches, whichever is greater, will extend at least 6 inches above the base of the foundation, and will extend laterally and vertically into native material surrounding the trench. The components of the utility trench dam will be shown the final VIMS design drawings.

### 8.3.3 Construction Quality Assurance

A construction quality assurance (CQA) program will be developed and implemented during construction of the VIMS. The proposed CQA program will include a pre-construction meeting and routine meetings

during construction of the system, observations of construction and testing activities, and pre-occupancy (post-construction) system inspection and performance monitoring.

The VIMS will be subject to a CQA verification process that entails the inspection of SSV system components, including (but not limited to) subgrade preparation and placement of SSV piping and risers, sloping of SSV components to limit condensate build-up in the piping system, sub-slab vapor sampling probe installation, vapor control barrier installation and repairs, and verification of conduit seal and utility trench dam construction. In addition, the spray-applied geomembrane portion of the vapor control barrier will be tested during installation for thickness and continuity by smoke testing in accordance with manufacturers' specifications and recommended procedures.

The potential VOC contribution from sub-slab vapor sampling probe materials will be evaluated using field blank samples. Prior to sampling, an assembled sub-slab vapor sampling probe, tip, and tubing will be blank tested at a frequency of one analysis per sampling event.

The CQA program will be summarized on the final VIMS design drawings and detailed in a CQA Plan.

A VIMS Construction Completion Summary Report (CCSR) will also be prepared and submitted to the LARWQCB within 60 days of construction completion. The CCSR will include a summary of the CQA and VIMS installation activities, as-built drawings, and VIMS Engineer certification that the VIMS was installed in general accordance with the design.

### 8.3.4 VIMS Operation, Maintenance, and Monitoring

The SSV system will initially be operated passively following requirements in an Operation, Maintenance, and Monitoring OMM Plan that will be submitted as a draft to the LARWQCB under separate cover. The OMM Plan will include a summary of the VIMS components, operating details, and requirements for routine and non-routine integrity inspections, performance monitoring, and data evaluation. A final OMM Plan will be submitted to the LARWQCB after the VIMS construction has been completed and will include as-built drawings.

A construction completion summary report will also be prepared and submitted to the LARWQCB within 90 days of completing the construction of the VIMS. The construction completion summary report will include a summary of the CQA and VIMS installation activities, as-built drawings, and VIMS Engineer certification that the VIMS was installed in general accordance with the design.

# 9. References


1. DTSC, 1997. *Selecting Inorganic Constituents as Chemicals of Potential Concern at Risk Assessments at Hazardous Waste Sites and Permitted Facilities*. February.

2. DTSC, 2015. *Preliminary Endangerment Assessment Guidance Manual. California Environmental Protection Agency (Cal/EPA).* Dated January 1994, Revised. October.

3. EEC Environmental, 2020. *Technical Memorandum Results of Phase II Subsurface Investigation in August and September 2020, South El Monte Parcels - 2200, 2212, 2218, and 2226 N. Rosemead Boulevard*, October 19.

4. EEC Environmental, 2023a. *Soil Vapor Assessment Report, Former Pacific Drum Company (Rosemead Holding, LLC) 2200, 2212, 2218, and 2226 North Rosemead Boulevard, South El Monte, California 91733*, April.

5. EEC Environmental, 2023b. *Groundwater Well Installation and Sampling Report, 2200, 2212,2218, and 2226 North Rosemead Boulevard*, June.

6. EEC Environmental, 2023c. *EEC Comments on the Additional Phase II Investigation Report, Former Chemrite Corporation Facility, 2128 North Rosemead Boulevard, South El Monte, California 91733*, November.

7. EFI Global, 2020. *Additional Site Characterization Report Performed at 2200 and 2226 North Rosemead Boulevard, South El Monte, California 91733,* December 9.

8. Enviro-Tox Services, Inc., 2022. *Preliminary Endangerment Assessment, Rosemead Holding, LLC Property, 2200 North Rosemead Boulevard, South El Monte, California*, 18, November.

9. Hunter, Davis, and Roach, 2004. *Inorganic Chemicals in Groundwater and Soil: Background Concentrations at California Air Force Bases. presented at 44th Annual Meeting of Society of Toxicology, New Orleans, Louisiana*, March 10, 2005.

10. Leighton Consulting, Inc., 2021. *Limited Soil and Soil Vapor Investigation Report, 2200 North Rosemead Boulevard*, September.

11. Leighton Consulting, Inc., 2023a. *Limited Soil Remediation Work Plan for the Eastern Portion of 2200 North Rosemead Boulevard, South El Monte, California*, April.

12. Leighton Consulting, Inc., 2023b. *Limited Soil Investigation Report, 2200-2226 North Rosemead Boulevard*, April.

13. Ramboll US Corporation, 2020a. *Phase I Environmental Site Assessment, 2200 North Rosemead Boulevard*, July.

14. Ramboll US Corporation, 2020b. *Phase I Environmental Site Assessment, 2212, 2218, and 2226 North Rosemead Boulevard*, July.

15. USEPA, 1989. *Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part A). Interim Final. Office of Emergency and Remedial Response*. EPA-540/1-89/002. Washington, D.C. December.

# TABLES

**TABLE 1**
**SUMMARY OF PREVIOUS SOIL PCB ANALYICAL RESULTS AND DRY WEIGHT CONVERSION**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| Location | Date | Depth | Sample ID | Total PCBs - Wet Basis (mg/kg) | Depth-Specifc Average Percent Moisture Content | Total PCBs Dry-Wt (mg/kg) |
|---|---|---|---|---|---|---|
| SB-1 | 8/22/2020 | 2 ft | SB-1 | < 0.049 | 11.44 | < 0.055 |
| SB-4 | 8/21/2020 | 2 ft | SB-4 | < 0.05 | 11.44 | < 0.056 |
| SB-10 | 8/21/2020 | 5 ft | SB-10 | < 0.05 | 13.35 | < 0.058 |
| SB-11 | 8/21/2020 | 2 ft | SB-11 | 1.9 | 11.44 | 2.145 |
| SB-11 | 8/21/2020 | 5 ft | SB-11 | < 0.05 | 13.35 | < 0.058 |
| SB-11 | 8/21/2020 | 10 ft | SB-11 | < 0.05 | 9.00 | < 0.055 |
| SB-11 | 8/21/2020 | 15 ft | SB-11 | < 0.05 | 9.00 | < 0.055 |
| SB-12 | 8/21/2020 | 2 ft | SB-12 | < 0.049 | 11.44 | < 0.055 |
| SB-13 | 8/21/2020 | 2 ft | SB-13 | 0.79 | 11.44 | 0.892 |
| SB-14 | 8/21/2020 | 2 ft | SB-14 | 22 | 11.44 | 24.841 |
| SB-14 | 8/21/2020 | 5 ft | SB-14 | < 0.05 | 13.35 | < 0.058 |
| SB-14 | 8/21/2020 | 10 ft | SB-14 | < 0.05 | 9.00 | < 0.055 |
| SB-14 | 8/21/2020 | 15 ft | SB-14 | < 0.05 | 9.00 | < 0.055 |
| SB-15 | 8/22/2020 | 2 ft | SB-15 | 0.29 | 11.44 | 0.327 |
| SB-16 | 8/21/2020 | 2 ft | SB-16 | 22 | 11.44 | 24.841 |
| SB-16 | 8/21/2020 | 5 ft | SB-16 | < 0.1 | 13.35 | < 0.12 |
| SB-17 | 8/22/2020 | 2 ft | SB-17 | < 0.5 | 11.44 | < 0.565 |
| SB-20 | 8/21/2020 | 2 ft | SB-20 | < 0.5 | 11.44 | < 0.565 |
| SB-27 | 8/21/2020 | 2 ft | SB-27 | < 0.51 | 11.44 | < 0.576 |
| SB-30 | 8/22/2020 | 2 ft | SB-30 | < 0.05 | 11.44 | < 0.056 |
| B1 | 11/20/2020 | 1 ft | B1-S-1 | 1.297 | 11.65 | 1.468 |
| B1 | 11/20/2020 | 2 ft | B1-S-2 | 0.1505 | 11.44 | 0.170 |
| B1 | 11/20/2020 | 3 ft | B1-S-3 | 3.599 | 19.01 | 4.444 |
| B1 | 11/20/2020 | 4 ft | B1-S-4 | 0.193 | 19.83 | 0.241 |
| B2 | 11/20/2020 | 1 ft | B2-S-1 | 0.652 | 11.65 | 0.738 |
| B2 | 11/20/2020 | 2 ft | B2-S-2 | 2.16 | 11.44 | 2.439 |
| B2 | 11/20/2020 | 3 ft | B2-S-3 | < 0.05 | 19.01 | < 0.062 |
| B3 | 11/20/2020 | 1 ft | B3-S-1 | < 0.05 | 11.65 | < 0.057 |
| B3 | 11/20/2020 | 2 ft | B3-S-2 | 0.1768 | 11.44 | 0.200 |
| B3 | 11/20/2020 | 3 ft | B3-S-3 | 0.00613 | 19.01 | 0.008 |
| B3 | 11/20/2020 | 4 ft | B3-S-4 | < 0.05 | 19.83 | < 0.062 |
| B4 | 11/20/2020 | 1 ft | B4-S-1 | 0.0725 | 11.65 | 0.082 |
| B4 | 11/20/2020 | 2 ft | B4-S-2 | 0.282 | 11.44 | 0.318 |
| B4 | 11/20/2020 | 3 ft | B4-S-3 | < 0.05 | 19.01 | < 0.062 |
| B5 | 11/20/2020 | 1 ft | B5-S-1 | < 0.05 | 11.65 | < 0.057 |
| B5 | 11/20/2020 | 2 ft | B5-S-2 | < 0.05 | 11.44 | < 0.056 |
| B5 | 11/20/2020 | 3 ft | B5-S-3 | 1.035 | 19.01 | 1.278 |
| B5 | 11/20/2020 | 4 ft | B5-S-4 | 2.391 | 19.83 | 2.983 |
| B6 | 11/20/2020 | 1 ft | B6-S-1 | < 0.05 | 11.65 | < 0.057 |
| B6 | 11/20/2020 | 2 ft | B6-S-2 | 5.37 | 11.44 | 6.063 |
| B6 | 11/20/2020 | 3 ft | B6-S-3 | 26.568 | 19.01 | 32.803 |
| B6 | 11/20/2020 | 4 ft | B6-S-4 | < 0.05 | 19.83 | < 0.062 |
| B7 | 11/20/2020 | 1 ft | B7-S-1 | < 0.05 | 11.65 | < 0.057 |
| B7 | 11/20/2020 | 2 ft | B7-S-2 | 0.414 | 11.44 | 0.467 |
| B7 | 11/20/2020 | 3 ft | B7-S-3 | < 0.05 | 19.01 | < 0.062 |

**TABLE 1**
**SUMMARY OF PREVIOUS SOIL PCB ANALYICAL RESULTS AND DRY WEIGHT CONVERSION**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| Location | Date | Depth | Sample ID | Total PCBs - Wet Basis (mg/kg) | Depth-Specifc Average Percent Moisture Content | Total PCBs Dry-Wt (mg/kg) |
|---|---|---|---|---|---|---|
| B8 | 11/20/2020 | 1 ft | B8-S-1 | **33.23** | 11.65 | **37.613** |
| B8 | 11/20/2020 | 2 ft | B8-S-2 | < 0.05 | 11.44 | < 0.056 |
| B8 | 11/20/2020 | 3 ft | B8-S-3 | < 0.05 | 19.01 | < 0.062 |
| B9 | 11/20/2020 | 1 ft | B9-S-1 | < 0.05 | 11.65 | < 0.057 |
| B9 | 11/20/2020 | 2 ft | B9-S-2 | < 0.05 | 11.44 | < 0.056 |
| B9 | 11/20/2020 | 3 ft | B9-S-3 | **0.0757** | 19.01 | **0.093** |
| B10 | 11/20/2020 | 1 ft | B10-S-1 | **1.17** | 11.65 | **1.324** |
| B10 | 11/20/2020 | 2 ft | B10-S-2 | < 0.05 | 11.44 | < 0.056 |
| B10 | 11/20/2020 | 3 ft | B10-S-3 | < 0.05 | 19.01 | < 0.062 |
| B11 | 11/20/2020 | 1 ft | B11-S-1 | **0.162** | 11.65 | **0.183** |
| B11 | 11/20/2020 | 2 ft | B11-S-2 | < 0.05 | 11.44 | < 0.056 |
| B11 | 11/20/2020 | 3 ft | B11-S-3 | < 0.05 | 19.01 | < 0.062 |
| B12 | 11/20/2020 | 1 ft | B12-S-1 | **6.244** | 11.65 | **7.068** |
| B12 | 11/20/2020 | 2 ft | B12-S-2 | < 0.05 | 11.44 | < 0.056 |
| B12 | 11/20/2020 | 3 ft | B12-S-3 | < 0.05 | 19.01 | < 0.062 |
| B13 | 11/20/2020 | 1 ft | B13-S-1 | < 0.05 | 11.65 | < 0.057 |
| B13 | 11/20/2020 | 2 ft | B13-S-2 | < 0.05 | 11.44 | < 0.056 |
| B13 | 11/20/2020 | 3 ft | B13-S-3 | < 0.05 | 19.01 | < 0.062 |
| B14 | 11/20/2020 | 1 ft | B14-S-1 | **1.089** | 11.65 | **1.233** |
| B14 | 11/20/2020 | 2 ft | B14-S-2 | < 0.05 | 11.44 | < 0.056 |
| B14 | 11/20/2020 | 3 ft | B14-S-3 | < 0.05 | 19.01 | < 0.062 |
| B15 | 11/20/2020 | 1 ft | B15-S-1 | **0.116** | 11.65 | **0.131** |
| B15 | 11/20/2020 | 2 ft | B15-S-2 | **0.3744** | 11.44 | **0.423** |
| B15 | 11/20/2020 | 3 ft | B15-S-3 | **0.382** | 19.01 | **0.472** |
| B16 | 11/20/2020 | 1 ft | B16-S-1 | < 0.05 | 11.65 | < 0.057 |
| B16 | 11/20/2020 | 2 ft | B16-S-2 | < 0.05 | 11.44 | < 0.056 |
| B16 | 11/20/2020 | 3 ft | B16-S-3 | < 0.05 | 19.01 | < 0.062 |
| LV-1 | 6/23/2021 | 1 ft | LV-1-1 | < 0.051 | 11.65 | < 0.058 |
| LV-1 | 6/23/2021 | 5 ft | LV-1-5 | < 0.05 | 13.35 | < 0.058 |
| LV-1 | 6/23/2021 | 10 ft | LV-1-10 | < 0.05 | 9.00 | < 0.055 |
| LV-1 | 6/23/2021 | 15 ft | LV-1-15 | < 0.049 | 9.00 | < 0.054 |
| LV-1 | 6/23/2021 | 20 ft | LV-1-20 | < 0.05 | 9.00 | < 0.055 |
| LV-2 | 6/22/2021 | 1 ft | LV-2-1 | < 0.05 | 11.65 | < 0.057 |
| LV-2 | 6/22/2021 | 5 ft | LV-2-5 | < 0.05 | 13.35 | < 0.058 |
| LV-2 | 6/22/2021 | 10 ft | LV-2-10 | < 0.05 | 9.00 | < 0.055 |
| LV-2 | 6/22/2021 | 15 ft | LV-2-15 | < 0.05 | 9.00 | < 0.055 |
| LV-2 | 6/22/2021 | 20 ft | LV-2-20 | < 0.05 | 9.00 | < 0.055 |
| LV-3 | 6/22/2021 | 1 ft | LV-3-1 | < 0.05 | 11.65 | < 0.057 |
| LV-3 | 6/22/2021 | 5 ft | LV-3-5 | < 0.05 | 13.35 | < 0.058 |
| LV-3 | 6/22/2021 | 10 ft | LV-3-10 | < 0.05 | 9.00 | < 0.055 |
| LV-4 | 6/18/2021 | 1 ft | LV-4-1 | **0.368** | 11.65 | **0.417** |
| LV-4 | 6/18/2021 | 5 ft | LV-4-5 | < 0.05 | 13.35 | < 0.058 |
| LV-4 | 6/18/2021 | 10 ft | LV-4-10 | < 0.05 | 9.00 | < 0.055 |

**TABLE 1**
**SUMMARY OF PREVIOUS SOIL PCB ANALYICAL RESULTS AND DRY WEIGHT CONVERSION**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| Location | Date | Depth | Sample ID | Total PCBs - Wet Basis (mg/kg) | Depth-Specifc Average Percent Moisture Content | Total PCBs Dry-Wt (mg/kg) |
|---|---|---|---|---|---|---|
| LV-5 | 6/23/2021 | 1 ft | LV-5-1 | < 0.049 | 13.35 | < 0.058 |
| LV-5 | 6/23/2021 | 5 ft | LV-5-5 | < 0.05 | 11.65 | < 0.055 |
| LV-5 | 6/23/2021 | 10 ft | LV-5-10 | < 0.05 | 9.00 | < 0.055 |
| LV-5 | 6/23/2021 | 15 ft | LV-5-15 | < 0.05 | 9.00 | < 0.055 |
| LV-5 | 6/23/2021 | 20 ft | LV-5-20 | < 0.05 | 9.00 | < 0.055 |
| LV-6 | 6/22/2021 | 1 ft | LV-6-1 | < 0.05 | 11.65 | < 0.057 |
| LV-6 | 6/22/2021 | 5 ft | LV-6-5 | < 0.049 | 13.35 | < 0.057 |
| LV-6 | 6/22/2021 | 10 ft | LV-6-10 | < 0.049 | 9.00 | < 0.054 |
| LV-6 | 6/22/2021 | 15 ft | LV-6-15 | < 0.05 | 9.00 | < 0.055 |
| LV-6 | 6/22/2021 | 20 ft | LV-6-20 | < 0.05 | 9.00 | < 0.055 |
| LV-7 | 6/22/2021 | 1 ft | LV-7-1 | **0.073** | 11.65 | **0.083** |
| LV-7 | 6/22/2021 | 5 ft | LV-7-5 | < 0.05 | 13.35 | < 0.058 |
| LV-7 | 6/22/2021 | 10 ft | LV-7-10 | < 0.05 | 9.00 | < 0.055 |
| LV-8 | 6/18/2021 | 1 ft | LV-8-1 | **32** | 11.65 | **36.221** |
| LV-8 | 6/18/2021 | 3 ft | LV-8-3 | **2.9** | 19.01 | **3.581** |
| LV-8 | 6/18/2021 | 5 ft | LV-8-5 | < 2.5 | 13.35 | < 2.9 |
| LV-8 | 6/18/2021 | 10 ft | LV-8-10 | < 2.5 | 9.00 | < 2.7 |
| LV-9 | 6/22/2021 | 1 ft | LV-9-1 | **0.97** | 11.65 | **1.098** |
| LV-9 | 6/22/2021 | 5 ft | LV-9-5 | < 0.05 | 13.35 | < 0.058 |
| LV-9 | 6/22/2021 | 10 ft | LV-9-10 | < 0.05 | 9.00 | < 0.055 |
| LV-10 | 6/21/2021 | 1 ft | LV-10-1 | **1.77** | 11.65 | **2.003** |
| LV-10 | 6/21/2021 | 5 ft | LV-10-5 | < 0.05 | 13.35 | < 0.058 |
| LV-10 | 6/21/2021 | 10 ft | LV-10-10 | < 0.05 | 9.00 | < 0.055 |
| LV-11 | 6/21/2021 | 1 ft | LV-11-1 | < 0.05 | 11.65 | < 0.057 |
| LV-11 | 6/21/2021 | 2.5 ft | LV-11-2.5 | < 0.05 | 11.44 | < 0.056 |
| LV-11 | 6/21/2021 | 5 ft | LV-11-5 | < 0.05 | 13.35 | < 0.058 |
| LV-11 | 6/21/2021 | 7.5 ft | LV-11-7.5 | < 0.05 | 9.00 | < 0.055 |
| LV-11 | 6/21/2021 | 10 ft | LV-11-10 | < 0.05 | 9.00 | < 0.055 |
| LV-12 | 6/21/2021 | 1 ft | LV-12-1 | < 0.05 | 11.65 | < 0.057 |
| LV-12 | 6/21/2021 | 2.5 ft | LV-12-2.5 | < 0.05 | 11.44 | < 0.056 |
| LV-12 | 6/21/2021 | 5 ft | LV-12-5 | < 0.05 | 13.35 | < 0.058 |
| LV-12 | 6/21/2021 | 7.5 ft | LV-12-7.5 | < 0.05 | 9.00 | < 0.055 |
| LV-12 | 6/21/2021 | 10 ft | LV-12-10 | < 0.05 | 9.00 | < 0.055 |
| LV-13 | 6/18/2021 | 1 ft | LV-13-1 | < 0.05 | 11.65 | < 0.057 |
| LV-13 | 6/18/2021 | 2.5 ft | LV-13-2.5 | < 0.05 | 11.44 | < 0.056 |
| LV-13 | 6/18/2021 | 5 ft | LV-13-5 | < 0.05 | 13.35 | < 0.058 |
| LV-13 | 6/18/2021 | 7.5 ft | LV-13-7.5 | < 0.05 | 9.00 | < 0.055 |
| LV-13 | 6/18/2021 | 10 ft | LV-13-10 | < 0.05 | 9.00 | < 0.055 |
| LV-14A | 6/18/2021 | 1 ft | LV-14A-1 | < 0.05 | 11.65 | < 0.057 |
| LV-14A | 6/18/2021 | 2.5 ft | LV-14A-2.5 | < 0.05 | 11.44 | < 0.056 |
| LV-14A | 6/18/2021 | 5 ft | LV-14A-5 | < 0.05 | 13.35 | < 0.058 |
| LV-14A | 6/18/2021 | 7.5 ft | LV-14A-7.5 | < 0.05 | 9.00 | < 0.055 |
| LV-14A | 6/18/2021 | 10 ft | LV-14A-10 | < 0.05 | 9.00 | < 0.055 |
| LV-14B | 6/18/2021 | 2 ft | LV-14B-2 | < 0.05 | 11.44 | < 0.056 |

**TABLE 1**

**SUMMARY OF PREVIOUS SOIL PCB ANALYICAL RESULTS AND DRY WEIGHT CONVERSION**

ROSEMEAD HOLDING, LLC

SOUTH EL MONTE, CALIFORNIA

| Location | Date | Depth | Sample ID | Total PCBs - Wet Basis (mg/kg) | Depth-Specifc Average Percent Moisture Content | Total PCBs Dry-Wt (mg/kg) |
|---|---|---|---|---|---|---|
| LV-15 | 6/21/2021 | 1 ft | LV-15-1 | **0.45** | 11.65 | **0.509** |
| LV-15 | 6/21/2021 | 2.5 ft | LV-15-2.5 | < 0.05 | 11.44 | < 0.056 |
| LV-15 | 6/21/2021 | 5 ft | LV-15-5 | < 0.05 | 13.35 | < 0.058 |
| LV-15 | 6/21/2021 | 7.5 ft | LV-15-7.5 | < 0.05 | 9.00 | < 0.055 |
| LV-15 | 6/21/2021 | 10 ft | LV-15-10 | < 0.05 | 9.00 | < 0.055 |
| LV-16 | 6/21/2021 | 1 ft | LV-16-1 | < 0.05 | 11.65 | < 0.057 |
| LV-16 | 6/21/2021 | 2.5 ft | LV-16-2.5 | < 0.05 | 11.44 | < 0.056 |
| LV-16 | 6/21/2021 | 5 ft | LV-16-5 | < 0.05 | 13.35 | < 0.058 |
| LV-16 | 6/21/2021 | 7.5 ft | LV-16-7.5 | < 0.05 | 9.00 | < 0.055 |
| LV-16 | 6/21/2021 | 10 ft | LV-16-10 | < 0.05 | 9.00 | < 0.055 |
| LV-17 | 6/21/2021 | 1 ft | LV-17-1 | < 0.05 | 11.65 | < 0.057 |
| LV-17 | 6/21/2021 | 2.5 ft | LV-17-2.5 | < 0.05 | 11.44 | < 0.056 |
| LV-17 | 6/21/2021 | 5 ft | LV-17-5 | < 0.05 | 13.35 | < 0.058 |
| LV-17 | 6/21/2021 | 7.5 ft | LV-17-7.5 | < 0.05 | 9.00 | < 0.055 |
| LV-17 | 6/21/2021 | 10 ft | LV-17-10 | < 0.05 | 9.00 | < 0.055 |
| LV-18 | 6/21/2021 | 1 ft | LV-18-1 | < 0.05 | 11.65 | < 0.057 |
| LV-18 | 6/21/2021 | 2.5 ft | LV-18-2.5 | < 0.05 | 11.44 | < 0.056 |
| LV-18 | 6/21/2021 | 5 ft | LV-18-5 | < 0.05 | 13.35 | < 0.058 |
| LV-18 | 6/21/2021 | 7.5 ft | LV-18-7.5 | < 0.049 | 9.00 | < 0.054 |
| LV-18 | 6/21/2021 | 10 ft | LV-18-10 | < 0.05 | 9.00 | < 0.055 |
| LV-19 | 6/21/2021 | 1 ft | LV-19-1 | **0.21** | 11.65 | **0.238** |
| LV-19 | 6/21/2021 | 2.5 ft | LV-19-2.5 | < 0.05 | 11.44 | < 0.056 |
| LV-19 | 6/21/2021 | 5 ft | LV-19-5 | < 0.049 | 13.35 | < 0.057 |
| LV-19 | 6/21/2021 | 7.5 ft | LV-19-7.5 | < 0.05 | 9.00 | < 0.055 |
| LV-19 | 6/21/2021 | 10 ft | LV-19-10 | < 0.05 | 9.00 | < 0.055 |
| LV-20 | 6/21/2021 | 0.5 ft | LV-20-0.5 | < 0.05 | 11.07 | < 0.056 |
| LDB-1 | 2/16/2023 | 0.5 ft | LDB-1-0.5 | < 0.039 | 11.07 | < 0.044 |
| LDB-1 | 2/16/2023 | 2.5 ft | LDB-1-2.5 | < 0.039 | 11.44 | < 0.044 |
| LDB-1 | 2/16/2023 | 5 ft | LDB-1-5 | < 0.039 | 13.35 | < 0.045 |
| LDB-1 | 2/16/2023 | 7.5 ft | LDB-1-7.5 | < 0.039 | 9.00 | < 0.043 |
| LDB-1 | 2/16/2023 | 10 ft | LDB-1-10 | < 0.039 | 9.00 | < 0.043 |
| LDB-2/3 | 2/16/2023 | 0.5 ft | LDB-2/3-0.5 | < 0.039 | 11.07 | < 0.044 |
| LDB-2/3 | 2/16/2023 | 2.5 ft | LDB-2/3-2.5 | < 0.039 | 11.44 | < 0.044 |
| LDB-2/3 | 2/16/2023 | 5 ft | LDB-2/3-5 | < 0.039 | 13.35 | < 0.045 |
| LDB-2/3 | 2/16/2023 | 7.5 ft | LDB-2/3-7.5 | < 0.039 | 9.00 | < 0.043 |
| LDB-2/3 | 2/16/2023 | 10 ft | LDB-2/3-10 | < 0.039 | 9.00 | < 0.043 |
| LDB-4 | 2/16/2023 | 0.5 ft | LDB-4-0.5 | < 0.039 | 11.07 | < 0.044 |
| LDB-4 | 2/16/2023 | 2.5 ft | LDB-4-2.5 | < 0.039 | 11.44 | < 0.044 |
| LDB-4 | 2/16/2023 | 5 ft | LDB-4-5 | < 0.039 | 13.35 | < 0.045 |
| LDB-4 | 2/16/2023 | 7.5 ft | LDB-4-7.5 | < 0.039 | 9.00 | < 0.043 |
| LDB-4 | 2/16/2023 | 10 ft | LDB-4-10 | < 0.039 | 9.00 | < 0.043 |

**TABLE 1**
**SUMMARY OF PREVIOUS SOIL PCB ANALYICAL RESULTS AND DRY WEIGHT CONVERSION**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| Location | Date | Depth | Sample ID | Total PCBs - Wet Basis (mg/kg) | Depth-Specifc Average Percent Moisture Content | Total PCBs Dry-Wt (mg/kg) |
|---|---|---|---|---|---|---|
| LDB-5 | 2/16/2023 | 0.5 ft | LDB-5-0.5 | **100** | 11.07 | **112.450** |
| LDB-5 | 2/16/2023 | 2.5 ft | LDB-5-2.5 | **16.7** | 11.44 | **18.857** |
| LDB-5 | 2/16/2023 | 5 ft | LDB-5-5 | < 0.039 | 13.35 | < 0.045 |
| LDB-5 | 2/16/2023 | 7.5 ft | LDB-5-7.5 | **0.051** | 9.00 | **0.056** |
| LDB-5 | 2/16/2023 | 10 ft | LDB-5-10 | < 0.039 | 9.00 | < 0.043 |
| LDB-6 | 2/16/2023 | 0.5 ft | LDB-6-0.5 | **1.8** | 11.07 | **2.024** |
| LDB-6 | 2/16/2023 | 2.5 ft | LDB-6-2.5 | < 0.039 | 11.44 | < 0.044 |
| LDB-6 | 2/16/2023 | 5 ft | LDB-6-5 | < 0.039 | 13.35 | < 0.045 |
| LDB-6 | 2/16/2023 | 7.5 ft | LDB-6-7.5 | < 0.039 | 9.00 | < 0.043 |
| LDB-6 | 2/16/2023 | 10 ft | LDB-6-10 | < 0.039 | 9.00 | < 0.043 |
| LDB-7 | 2/16/2023 | 0.5 ft | LDB-7-0.5 | **0.293** | 11.07 | **0.329** |
| LDB-7 | 2/16/2023 | 2.5 ft | LDB-7-2.5 | < 0.039 | 11.44 | < 0.044 |
| LDB-7 | 2/16/2023 | 5 ft | LDB-7-5 | < 0.039 | 13.35 | < 0.045 |
| LDB-7 | 2/16/2023 | 7.5 ft | LDB-7-7.5 | < 0.039 | 9.00 | < 0.043 |
| LDB-7 | 2/16/2023 | 10 ft | LDB-7-10 | < 0.039 | 9.00 | < 0.043 |
| LDB-8 | 2/16/2023 | 0.5 ft | LDB-8-0.5 | < 0.039 | 11.07 | < 0.044 |
| LDB-8 | 2/16/2023 | 2.5 ft | LDB-8-2.5 | < 0.039 | 11.44 | < 0.044 |
| LDB-8 | 2/16/2023 | 5 ft | LDB-8-5 | < 0.039 | 13.35 | < 0.045 |
| LDB-8 | 2/16/2023 | 7.5 ft | LDB-8-7.5 | < 0.039 | 9.00 | < 0.043 |
| LDB-8 | 2/16/2023 | 10 ft | LDB-8-10 | < 0.039 | 9.00 | < 0.043 |
| LDB-9 | 2/16/2023 | 0.5 ft | LDB-9-0.5 | **1.39** | 11.07 | **1.563** |
| LDB-9 | 2/16/2023 | 2.5 ft | LDB-9-2.5 | < 0.039 | 11.44 | < 0.044 |
| LDB-9 | 2/16/2023 | 5 ft | LDB-9-5 | < 0.039 | 13.35 | < 0.045 |
| LDB-9 | 2/16/2023 | 7.5 ft | LDB-9-7.5 | < 0.039 | 9.00 | < 0.043 |
| LDB-9 | 2/16/2023 | 10 ft | LDB-9-10 | < 0.039 | 9.00 | < 0.043 |
| LDB-10 | 2/16/2023 | 0.5 ft | LDB-10-0.5 | < 0.039 | 11.07 | < 0.044 |
| LDB-10 | 2/16/2023 | 2.5 ft | LDB-10-2.5 | < 0.039 | 11.44 | < 0.044 |
| LDB-10 | 2/16/2023 | 5 ft | LDB-10-5 | < 0.039 | 13.35 | < 0.045 |
| LDB-10 | 2/16/2023 | 7.5 ft | LDB-10-7.5 | < 0.039 | 9.00 | < 0.043 |
| LDB-10 | 2/16/2023 | 10 ft | LDB-10-10 | < 0.039 | 9.00 | < 0.043 |
| LP-1 | 6/27/2023 | Surface | LP-1 Surface | -- | 11.07 | < 0.052 |
| LP-1 | 6/27/2023 | 0 - 0.25 ft | LP-1-0-3" | -- | 11.07 | **1.31** |
| LP-1 | 6/27/2023 | 1 ft | LP-1-12" | -- | 11.65 | < 0.058 |
| LP-1 | 6/27/2023 | 2.5 ft | LP-1-2.5' | -- | 11.44 | < 0.061 |
| LP-2 | 6/27/2023 | Surface | LP-2 Surface | -- | 11.07 | < 0.05 |
| LP-2 | 6/27/2023 | 0 - 0.25 ft | LP-2-0-3" | -- | 11.07 | < 0.056 |
| LP-2 | 6/27/2023 | 1 ft | LP-2-12" | -- | 11.65 | < 0.058 |
| LP-2 | 6/27/2023 | 2.5 ft | LP-2-2.5' | -- | 11.44 | < 0.058 |
| LP-3 | 6/27/2023 | Surface | LP-3 Surface | -- | 11.07 | < 0.05 |
| LP-3 | 6/26/2023 | 0 - 0.25 ft | LP-3-0-3" | -- | 11.07 | < 0.05 |
| LP-3 | 6/26/2023 | 1 ft | LP-3-12" | -- | 11.65 | < 0.056 |
| LP-3 | 6/26/2023 | 2.5 ft | LP-3-2.5' | -- | 11.44 | < 0.058 |

**TABLE 1**

**SUMMARY OF PREVIOUS SOIL PCB ANALYICAL RESULTS AND DRY WEIGHT CONVERSION**

ROSEMEAD HOLDING, LLC

SOUTH EL MONTE, CALIFORNIA

| Location | Date | Depth | Sample ID | Total PCBs - Wet Basis (mg/kg) | Depth-Specifc Average Percent Moisture Content | Total PCBs Dry-Wt (mg/kg) |
|---|---|---|---|---|---|---|
| LP-4 | 6/27/2023 | Surface | LP-4 Surface | -- | 11.07 | < 0.05 |
| LP-4 | 6/26/2023 | 0 - 0.25 ft | LP-4-0-3" | -- | 11.07 | < 0.12 |
| LP-4 | 6/26/2023 | 1 ft | LP-4-12" | -- | 11.65 | < 0.06 |
| LP-4 | 6/26/2023 | 2.5 ft | LP-4-2.5' | -- | 11.44 | < 0.059 |
| LP-5 | 6/27/2023 | Surface | LP-5 Surface | -- | 11.07 | < 0.05 |
| LP-5 | 6/27/2023 | 0 - 0.25 ft | LP-5-0-3" | -- | 11.07 | **4.3** |
| LP-5 | 6/27/2023 | 1 ft | LP-5-12" | -- | 11.65 | **0.088** |
| LP-5 | 6/27/2023 | 2.5 ft | LP-5-2.5' | -- | 11.44 | < 0.062 |
| LP-6 | 6/27/2023 | Surface | LP-6-Surface | -- | 11.07 | < 0.052 |
| LP-6 | 6/27/2023 | 0 - 0.25 ft | LP-6-0-3" | -- | 11.07 | **47** |
| LP-6 | 6/27/2023 | 1 ft | LP-6-12" | -- | 11.65 | < 0.052 |
| LP-6 | 6/27/2023 | 2.5 ft | LP-6-2.5' | -- | 11.44 | < 0.061 |
| LP-7 | 6/27/2023 | Surface | LP-7 Surface | -- | 11.07 | **0.26** |
| LP-7 | 6/26/2023 | 0 - 0.25 ft | LP-7-0-3" | -- | 11.07 | **0.4** |
| LP-7 | 6/26/2023 | 1 ft | LP-7-12" | -- | 11.65 | < 0.058 |
| LP-7 | 6/26/2023 | 2.5 ft | LP-7-2.5' | -- | 11.44 | < 0.061 |
| LP-8 | 6/27/2023 | Surface | LP-8 Surface | -- | 11.07 | < 0.051 |
| LP-8 | 6/26/2023 | 0 - 0.25 ft | LP-8-0-3" | -- | 11.07 | **0.69** |
| LP-8 | 6/26/2023 | 1 ft | LP-8-12" | -- | 11.65 | < 0.056 |
| LP-8 | 6/26/2023 | 2.5 ft | LP-8-2.5' | -- | 11.44 | < 0.06 |
| LP-9 | 6/27/2023 | Surface | LP-9-Surface | -- | 11.07 | < 0.051 |
| LP-9 | 6/27/2023 | 0 - 0.25 ft | LP-9-0-3" | -- | 11.07 | **23** |
| LP-9 | 6/27/2023 | 1 ft | LP-9-12" | -- | 11.65 | **0.17** |
| LP-9 | 6/27/2023 | 2.5 ft | LP-9-2.5' | -- | 11.44 | < 0.053 |
| LP-10 | 6/27/2023 | Surface | LP-10-Surface | -- | 11.07 | < 0.052 |
| LP-10 | 6/27/2023 | 0 - 0.25 ft | LP-10-0-3" | -- | 11.07 | < 0.054 |
| LP-10 | 6/27/2023 | 1 ft | LP-10-12" | -- | 11.65 | < 0.052 |
| LP-10 | 6/27/2023 | 2.5 ft | LP-10-2.5' | -- | 11.44 | < 0.059 |
| LP-11 | 6/27/2023 | Surface | LP-11 Surface | -- | 11.07 | < 0.051 |
| LP-11 | 6/26/2023 | 0 - 0.25 ft | LP-11-0-3" | -- | 11.07 | **6.6** |
| LP-11 | 6/26/2023 | 1 ft | LP-11-12" | -- | 11.65 | < 0.048 |
| LP-11 | 6/26/2023 | 2.5 ft | LP-11-2.5' | -- | 11.44 | < 0.06 |
| LP-12 | 6/27/2023 | Surface | LP-12 Surface | -- | 11.07 | < 0.051 |
| LP-12 | 6/26/2023 | 0 - 0.25 ft | LP-12-0-3" | -- | 11.07 | **38** |
| LP-12 | 6/26/2023 | 1 ft | LP-12-12" | -- | 11.65 | **35.2** |
| LP-12 | 6/26/2023 | 2.5 ft | LP-12-2.5' | -- | 11.44 | < 0.056 |
| LP-13 | 6/27/2023 | Surface | LP-13-Surface | -- | 11.07 | < 0.051 |
| LP-13 | 6/27/2023 | 0 - 0.25 ft | LP-13-0-3" | -- | 11.07 | **23** |
| LP-13 | 6/27/2023 | 1 ft | LP-13-12" | -- | 11.65 | < 0.056 |
| LP-13 | 6/27/2023 | 2.5 ft | LP-13-2.5' | -- | 11.44 | < 0.057 |
| LP-14 | 6/27/2023 | Surface | LP-14-Surface | -- | 11.07 | < 0.05 |
| LP-14 | 6/27/2023 | 0 - 0.25 ft | LP-14-0-3" | -- | 11.07 | < 0.059 |
| LP-14 | 6/27/2023 | 1 ft | LP-14-12" | -- | 11.65 | < 0.054 |
| LP-14 | 6/27/2023 | 2.5 ft | LP-14-2.5' | -- | 11.44 | < 0.06 |

**TABLE 1**
**SUMMARY OF PREVIOUS SOIL PCB ANALYICAL RESULTS AND DRY WEIGHT CONVERSION**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| Location | Date | Depth | Sample ID | Total PCBs - Wet Basis (mg/kg) | Depth-Specifc Average Percent Moisture Content | Total PCBs Dry-Wt (mg/kg) |
|---|---|---|---|---|---|---|
| LP-15 | 6/27/2023 | Surface | LP-15 Surface | -- | 11.07 | < 0.05 |
| LP-15 | 6/26/2023 | 0 - 0.25 ft | LP-15-0-3" | -- | 11.07 | **1.75** |
| LP-15 | 6/26/2023 | 1 ft | LP-15-12" | -- | 11.65 | **116** |
| LP-15 | 6/26/2023 | 2.5 ft | LP-15-2.5' | -- | 11.44 | < 0.058 |
| LP-16 | 6/27/2023 | Surface | LP-16 Surface | -- | 11.07 | < 0.051 |
| LP-16 | 6/26/2023 | 0 - 0.25 ft | LP-16-0-3" | -- | 11.07 | < 0.054 |
| LP-16 | 6/26/2023 | 1 ft | LP-16-12" | -- | 11.65 | **0.141** |
| LP-16 | 6/26/2023 | 2.5 ft | LP-16-2.5' | -- | 11.44 | < 0.06 |
| LP-17 | 6/27/2023 | Surface | LP-17-Surface | -- | 11.07 | < 0.051 |
| LP-17 | 6/27/2023 | 0 - 0.25 ft | LP-17-0-3" | -- | 11.07 | < 0.052 |
| LP-17 | 6/27/2023 | 1 ft | LP-17-12" | -- | 11.65 | < 0.06 |
| LP-17 | 6/27/2023 | 2.5 ft | LP-17-2.5' | -- | 11.44 | < 0.067 |
| LP-18 | 6/27/2023 | Surface | LP-18-Surface | -- | 11.07 | < 0.051 |
| LP-18 | 6/27/2023 | 0 - 0.25 ft | LP-18-0-3" | -- | 11.07 | < 0.055 |
| LP-18 | 6/27/2023 | 1 ft | LP-18-12" | -- | 11.65 | **50** |
| LP-18 | 6/27/2023 | 2.5 ft | LP-18-2.5' | -- | 11.44 | < 0.059 |
| LP-19 | 6/26/2023 | 0 - 0.25 ft | LP-19-0-3" | -- | 11.07 | < 0.052 |
| LP-19 | 6/26/2023 | 1 ft | LP-19-12" | -- | 11.65 | < 0.054 |
| LP-19 | 6/26/2023 | 2.5 ft | LP-19-2.5' | -- | 11.44 | **15.7** |
| LP-20 | 6/26/2023 | 0 - 0.25 ft | LP-20-0-3" | -- | 11.07 | **27.6** |
| LP-20 | 6/26/2023 | 1 ft | LP-20-12" | -- | 11.65 | < 0.055 |
| LP-20 | 6/26/2023 | 2.5 ft | LP-20-2.5' | -- | 11.44 | < 0.06 |
| LP-21 | 6/27/2023 | Surface | LP-21-Surface | -- | 11.07 | < 0.052 |
| LP-21 | 6/27/2023 | 0 - 0.25 ft | LP-21-0-3" | -- | 11.07 | < 0.051 |
| LP-21 | 6/27/2023 | 1 ft | LP-21-12" | -- | 11.65 | < 0.053 |
| LP-21 | 6/27/2023 | 2.5 ft | LP-21-2.5' | -- | 11.44 | < 0.061 |
| LP-22 | 6/27/2023 | Surface | LP-22-Surface | -- | 11.07 | < 0.05 |
| LP-22 | 6/27/2023 | 0 - 0.25 ft | LP-22-0-3" | -- | 11.07 | < 0.052 |
| LP-22 | 6/27/2023 | 1 ft | LP-22-12" | -- | 11.65 | < 0.055 |
| LP-22 | 6/27/2023 | 2.5 ft | LP-22-2.5' | -- | 11.44 | < 0.06 |
| LP-23 | 6/27/2023 | Surface | LP-23 Surface | -- | 11.07 | < 0.051 |
| LP-23 | 6/26/2023 | 0 - 0.25 ft | LP-23-0-3" | -- | 11.07 | **1.6** |
| LP-23 | 6/26/2023 | 1 ft | LP-23-12" | -- | 11.65 | < 5.7 |
| LP-23 | 6/26/2023 | 2.5 ft | LP-23-2.5' | -- | 11.44 | **0.95** |
| LP-24 | 6/27/2023 | Surface | LP-24 Surface | -- | 11.07 | < 0.051 |
| LP-24 | 6/26/2023 | 0 - 0.25 ft | LP-24-0-3" | -- | 11.07 | < 0.05 |
| LP-24 | 6/26/2023 | 1 ft | LP-24-12" | -- | 11.65 | < 0.054 |
| LP-24 | 6/26/2023 | 2.5 ft | LP-24-2.5' | -- | 11.44 | < 0.062 |
| LP-25 | 6/27/2023 | Surface | LP-25-Surface | -- | 11.07 | < 0.051 |
| LP-25 | 6/27/2023 | 0 - 0.25 ft | LP-25-0-3" | -- | 11.07 | < 0.051 |
| LP-25 | 6/27/2023 | 1 ft | LP-25-12" | -- | 11.65 | < 0.053 |
| LP-25 | 6/27/2023 | 2.5 ft | LP-25-2.5' | -- | 11.44 | < 0.057 |

**TABLE 1**

**SUMMARY OF PREVIOUS SOIL PCB ANALYICAL RESULTS AND DRY WEIGHT CONVERSION**

ROSEMEAD HOLDING, LLC

SOUTH EL MONTE, CALIFORNIA

| Location | Date | Depth | Sample ID | Total PCBs - Wet Basis (mg/kg) | Depth-Specifc Average Percent Moisture Content | Total PCBs Dry-Wt (mg/kg) |
|---|---|---|---|---|---|---|
| LP-26 | 6/27/2023 | Surface | LP-26-Surface | -- | 11.07 | < 0.051 |
| LP-26 | 6/27/2023 | 0 - 0.25 ft | LP-26-0-3" | -- | 11.07 | < 0.051 |
| LP-26 | 6/27/2023 | 1 ft | LP-26-12" | -- | 11.65 | < 0.051 |
| LP-26 | 6/27/2023 | 2.5 ft | LP-26-2.5' | -- | 11.44 | < 0.053 |
| LP-27 | 6/26/2023 | Surface | LP-27 Surface | -- | 11.07 | < 0.049 |
| LP-27 | 6/27/2023 | Surface | LP-27 Surface | -- | 11.07 | < 0.05 |
| LP-27 | 6/26/2023 | 0 - 0.25 ft | LP-27-0-3" | -- | 11.07 | **0.096** |
| LP-27 | 6/26/2023 | 1 ft | LP-27-12" | -- | 11.65 | **0.071** |
| LP-27 | 6/26/2023 | 2.5 ft | LP-27-2.5' | -- | 11.44 | < 0.057 |
| LP-28 | 6/26/2023 | Surface | LP-28 Surface | -- | 11.07 | < 0.049 |
| LP-28 | 6/27/2023 | Surface | LP-28 Surface | -- | 11.07 | < 0.05 |
| LP-28 | 6/26/2023 | 0 - 0.25 ft | LP-28-0-3" | -- | 11.07 | < 0.05 |
| LP-28 | 6/26/2023 | 1 ft | LP-28-12" | -- | 11.65 | **0.46** |
| LP-28 | 6/26/2023 | 2.5 ft | LP-28-2.5' | -- | 11.44 | < 0.053 |
| LP-29 | 6/27/2023 | Surface | LP-29-Surface | -- | 11.07 | **0.263** |
| LP-29 | 6/27/2023 | 0 - 0.25 ft | LP-29-0-3" | -- | 11.07 | **0.321** |
| LP-29 | 6/27/2023 | 1 ft | LP-29-12" | -- | 11.65 | < 0.054 |
| LP-29 | 6/27/2023 | 2.5 ft | LP-29-2.5' | -- | 11.44 | < 0.057 |
| LP-30 | 6/27/2023 | Surface | LP-30-Surface | -- | 11.07 | **0.12** |
| LP-30 | 6/27/2023 | 0 - 0.25 ft | LP-30-0-3" | -- | 11.07 | < 0.052 |
| LP-30 | 6/27/2023 | 1 ft | LP-30-12" | -- | 11.65 | < 0.053 |
| LP-30 | 6/27/2023 | 2.5 ft | LP-30-2.5' | -- | 11.44 | < 0.059 |
| LP-31 | 6/27/2023 | Surface | LP-31-Surface | -- | 11.07 | **0.055** |
| LP-31 | 6/27/2023 | 0 - 0.25 ft | LP-31-0-3" | -- | 11.07 | < 0.056 |
| LP-31 | 6/27/2023 | 1 ft | LP-31-12" | -- | 11.65 | < 0.059 |
| LP-31 | 6/27/2023 | 2.5 ft | LP-31-2.5' | -- | 11.44 | < 0.066 |
| LP-32 | 6/27/2023 | Surface | LP-32-Surface | -- | 11.07 | < 0.076 |
| LP-32 | 6/27/2023 | 0 - 0.25 ft | LP-32-0-3" | -- | 11.07 | < 0.056 |
| LP-32 | 6/27/2023 | 1 ft | LP-32-12" | -- | 11.65 | < 0.063 |
| LP-32 | 6/27/2023 | 2.5 ft | LP-32-2.5' | -- | 11.44 | < 0.067 |
| LP-33 | 6/27/2023 | Surface | LP-33-Surface | -- | 11.07 | < 0.051 |
| LP-33 | 6/27/2023 | 0 - 0.25 ft | LP-33-0-3" | -- | 11.07 | < 0.053 |
| LP-33 | 6/27/2023 | 1 ft | LP-33-12" | -- | 11.65 | < 0.059 |
| LP-33 | 6/27/2023 | 2.5 ft | LP-33-2.5' | -- | 11.44 | < 0.061 |
| LP-34 | 6/27/2023 | Surface | LP-34-Surface | -- | 11.07 | < 0.05 |
| LP-34 | 6/27/2023 | 0 - 0.25 ft | LP-34-0-3" | -- | 11.07 | < 0.054 |
| LP-34 | 6/27/2023 | 1 ft | LP-34-12" | -- | 11.65 | < 0.055 |
| LP-34 | 6/27/2023 | 2.5 ft | LP-34-2.5' | -- | 11.44 | < 0.065 |
| LP-35 | 6/27/2023 | Surface | LP-35 Surface | -- | 11.07 | < 0.052 |
| LP-35 | 6/26/2023 | 0 - 0.25 ft | LP-35-0-3" | -- | 11.07 | < 0.056 |
| LP-35 | 6/26/2023 | 1 ft | LP-35-12" | -- | 11.65 | **64** |
| LP-35 | 6/26/2023 | 2.5 ft | LP-35-2.5' | -- | 11.44 | < 0.056 |

**TABLE 1**
**SUMMARY OF PREVIOUS SOIL PCB ANALYICAL RESULTS AND DRY WEIGHT CONVERSION**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| Location | Date | Depth | Sample ID | Total PCBs - Wet Basis (mg/kg) | Depth-Specifc Average Percent Moisture Content | Total PCBs Dry-Wt (mg/kg) |
|---|---|---|---|---|---|---|
| LP-36 | 6/27/2023 | Surface | LP-36 Surface | -- | 11.07 | < 0.052 |
| LP-36 | 6/26/2023 | 0 - 0.25 ft | LP-36-0-3" | -- | 11.07 | **6.7** |
| LP-36 | 6/26/2023 | 1 ft | LP-36-12" | -- | 11.65 | **0.87** |
| LP-36 | 6/26/2023 | 2.5 ft | LP-36-2.5' | -- | 11.44 | < 0.059 |
| LP-37 | 6/27/2023 | Surface | LP-37 Surface | -- | 11.07 | < 0.052 |
| LP-37 | 6/26/2023 | 0 - 0.25 ft | LP-37-0-3" | -- | 11.07 | < 0.055 |
| LP-37 | 6/26/2023 | 1 ft | LP-37-12" | -- | 11.65 | < 0.052 |
| LP-37 | 6/26/2023 | 2.5 ft | LP-37-2.5' | -- | 11.44 | < 0.058 |
| LP-38 | 6/27/2023 | Surface | LP-38 Surface | -- | 11.07 | < 0.05 |
| LP-38 | 6/26/2023 | 0 - 0.25 ft | LP-38-0-3" | -- | 11.07 | **11.7** |
| LP-38 | 6/26/2023 | 1 ft | LP-38-12" | -- | 11.65 | < 0.11 |
| LP-38 | 6/26/2023 | 2.5 ft | LP-38-2.5' | -- | 11.44 | < 0.056 |
| LP-39 | 6/27/2023 | Surface | LP-39 Surface | -- | 11.07 | < 0.052 |
| LP-39 | 6/26/2023 | 0 - 0.25 ft | LP-39-0-3" | -- | 11.07 | < 0.11 |
| LP-39 | 6/26/2023 | 1 ft | LP-39-12" | -- | 11.65 | < 0.056 |
| LP-39 | 6/26/2023 | 2.5 ft | LP-39-2.5' | -- | 11.44 | < 0.058 |
| LP-40 | 6/27/2023 | Surface | LP-40 Surface | -- | 11.07 | < 0.051 |
| LP-40 | 6/26/2023 | 0 - 0.25 ft | LP-40-0-3" | -- | 11.07 | **1.91** |
| LP-40 | 6/26/2023 | 1 ft | LP-40-12" | -- | 11.65 | < 0.051 |
| LP-40 | 6/26/2023 | 2.5 ft | LP-40-2.5' | -- | 11.44 | < 0.057 |
| LP-41 | 6/27/2023 | Surface | LP-41 Surface | -- | 11.07 | < 0.052 |
| LP-41 | 6/26/2023 | 0 - 0.25 ft | LP-41-0-3" | -- | 11.07 | < 0.11 |
| LP-41 | 6/26/2023 | 1 ft | LP-41-12" | -- | 11.65 | **1.84** |
| LP-41 | 6/26/2023 | 2.5 ft | LP-41-2.5' | -- | 11.44 | < 0.057 |
| LP-42 | 6/27/2023 | Surface | LP-42 Surface | -- | 11.07 | < 0.051 |
| LP-42 | 6/26/2023 | 0 - 0.25 ft | LP-42-0-3" | -- | 11.07 | **35.4** |
| LP-42 | 6/26/2023 | 1 ft | LP-42-12" | -- | 11.65 | **0.68** |
| LP-42 | 6/26/2023 | 2.5 ft | LP-42-2.5' | -- | 11.44 | < 0.059 |

***Notes:***

*1. Results in **bold** were detected.*

*2. < - Not detected above the reporting limit*
*J - Estimated value*
*'-- - Not applicable.*

*3. Results in **red** exceed the screening criteria of 1 mg/kg.*

*4. June 2023 results were reported by the analytical laboratory in dry-weight basis; samples designated as 'Surface' are concr*

**TABLE 2**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - ARSENIC, LEAD, CHROMIUM IV**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | Arsenic (mg/kg) | Lead (mg/kg) | Chromium VI (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 11 | 500 | 6.2 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| B1 | 11/20/2020 | 1 ft | B1-S-1 | - | **686** | - |
| B1 | 11/20/2020 | 2 ft | B1-S-2 | - | **13.1** | - |
| B1 | 11/20/2020 | 3 ft | B1-S-3 | - | **36.3** | - |
| B2 | 11/20/2020 | 1 ft | B2-S-1 | - | **506** | - |
| B2 | 11/20/2020 | 2 ft | B2-S-2 | - | **41.6** | - |
| B2 | 11/20/2020 | 3 ft | B2-S-3 | - | **9.2** | - |
| B3 | 11/20/2020 | 1 ft | B3-S-1 | - | **702** | - |
| B3 | 11/20/2020 | 2 ft | B3-S-2 | - | **57.2** | - |
| B3 | 11/20/2020 | 3 ft | B3-S-3 | - | **71** | - |
| B4 | 11/20/2020 | 1 ft | B4-S-1 | - | **6.36** | - |
| B4 | 11/20/2020 | 2 ft | B4-S-2 | - | **39.1** | - |
| B4 | 11/20/2020 | 3 ft | B4-S-3 | - | **34.6** | - |
| B5 | 11/20/2020 | 1 ft | B5-S-1 | - | **92.4** | - |
| B5 | 11/20/2020 | 2 ft | B5-S-2 | - | **19900** | - |
| B5 | 11/20/2020 | 3 ft | B5-S-3 | - | **20.7** | - |
| B6 | 11/20/2020 | 1 ft | B6-S-1 | - | **662** | - |
| B6 | 11/20/2020 | 2 ft | B6-S-2 | - | **97.3** | - |
| B6 | 11/20/2020 | 3 ft | B6-S-3 | - | **668** | - |
| B6 | 11/20/2020 | 4 ft | B6-S-4 | - | **11.6** | - |
| B7 | 11/20/2020 | 1 ft | B7-S-1 | - | **23.3** | - |
| B7 | 11/20/2020 | 2 ft | B7-S-2 | - | **15.3** | - |
| B7 | 11/20/2020 | 3 ft | B7-S-3 | - | **10.8** | - |
| B8 | 11/20/2020 | 1 ft | B8-S-1 | - | **9790** | - |
| B8 | 11/20/2020 | 2 ft | B8-S-2 | - | **111** | - |
| B8 | 11/20/2020 | 3 ft | B8-S-3 | - | **30** | - |
| B9 | 11/20/2020 | 1 ft | B9-S-1 | - | **105** | - |
| B9 | 11/20/2020 | 2 ft | B9-S-2 | - | **24.5** | - |
| B9 | 11/20/2020 | 3 ft | B9-S-3 | - | **170** | - |
| B10 | 11/20/2020 | 1 ft | B10-S-1 | - | **4470** | - |
| B10 | 11/20/2020 | 2 ft | B10-S-2 | - | **10.7** | - |
| B10 | 11/20/2020 | 3 ft | B10-S-3 | - | **6.5** | - |
| B11 | 11/20/2020 | 1 ft | B11-S-1 | - | **52.8** | - |
| B11 | 11/20/2020 | 2 ft | B11-S-2 | - | **7.6** | - |
| B11 | 11/20/2020 | 3 ft | B11-S-3 | - | **7.2** | - |
| B12 | 11/20/2020 | 1 ft | B12-S-1 | - | **1210** | - |
| B12 | 11/20/2020 | 2 ft | B12-S-2 | - | **8.3** | - |
| B12 | 11/20/2020 | 3 ft | B12-S-3 | - | **8.1** | - |
| B13 | 11/20/2020 | 1 ft | B13-S-1 | - | **775** | - |
| B13 | 11/20/2020 | 2 ft | B13-S-2 | - | **10** | - |
| B13 | 11/20/2020 | 3 ft | B13-S-3 | - | **6.9** | - |
| B14 | 11/20/2020 | 1 ft | B14-S-1 | - | **473** | - |
| B14 | 11/20/2020 | 2 ft | B14-S-2 | - | **9.2** | - |
| B14 | 11/20/2020 | 3 ft | B14-S-3 | - | **61.5** | - |

**TABLE 2**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - ARSENIC, LEAD, CHROMIUM IV**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | Arsenic (mg/kg) | Lead (mg/kg) | Chromium VI (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 11 | 500 | 6.2 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| B15 | 11/20/2020 | 1 ft | B15-S-1 | - | **2330** | - |
| B15 | 11/20/2020 | 2 ft | B15-S-2 | - | **306** | - |
| B15 | 11/20/2020 | 3 ft | B15-S-3 | - | **7.2** | - |
| B16 | 11/20/2020 | 1 ft | B16-S-1 | - | **39.8** | - |
| B16 | 11/20/2020 | 2 ft | B16-S-2 | - | **14.5** | - |
| B16 | 11/20/2020 | 3 ft | B16-S-3 | - | **6.7** | - |
| EFI1 | 11/13/2020 | 1 - 2 ft | EFI1-S-1-2 | - | **62.7** | - |
| EFI2 | 11/13/2020 | 1 - 2 ft | EFI2-S-1-2 | - | **791** | - |
| EFI3 | 11/13/2020 | 1 - 2 ft | EFI3-S-1-2 | - | **20.7** | - |
| EFI4 | 11/13/2020 | 1 - 2 ft | EFI4-S-1-2 | - | **137** | - |
| EFI5 | 11/13/2020 | 1 - 2 ft | EFI5-S-1-2 | - | **8.1** | - |
| LDB-1 | 2/16/2023 | 0.5 ft | LDB-1-0.5 | **5.16** | **6.42** | - |
| LDB-1 | 2/16/2023 | 2.5 ft | LDB-1-2.5 | **8.04** | **8.43** | - |
| LDB-1 | 2/16/2023 | 5 ft | LDB-1-5 | **8.79** | **5.06** | - |
| LDB-1 | 2/16/2023 | 7.5 ft | LDB-1-7.5 | < 1.41 | **6.51** | - |
| LDB-1 | 2/16/2023 | 10 ft | LDB-1-10 | < 1.42 | **4.27** | - |
| LDB-2/3 | 2/16/2023 | 0.5 ft | LDB-2/3-0.5 | **13.7** | **15.5** | - |
| LDB-2/3 | 2/16/2023 | 2.5 ft | LDB-2/3-2.5 | **3.6** | < 0.417 | - |
| LDB-2/3 | 2/16/2023 | 5 ft | LDB-2/3-5 | < 1.41 | **2.35** | - |
| LDB-2/3 | 2/16/2023 | 7.5 ft | LDB-2/3-7.5 | < 1.42 | **2.17** | - |
| LDB-2/3 | 2/16/2023 | 10 ft | LDB-2/3-10 | < 1.41 | **6.33** | - |
| LDB-4 | 2/16/2023 | 0.5 ft | LDB-4-0.5 | **3.31** | **11.4** | - |
| LDB-4 | 2/16/2023 | 2.5 ft | LDB-4-2.5 | < 1.42 | **3.74** | - |
| LDB-4 | 2/16/2023 | 5 ft | LDB-4-5 | < 1.39 | **3.49** | - |
| LDB-4 | 2/16/2023 | 7.5 ft | LDB-4-7.5 | **6.16** | **3.66** | - |
| LDB-4 | 2/16/2023 | 10 ft | LDB-4-10 | < 1.4 | **8.25** | - |
| LDB-5 | 2/16/2023 | 0.5 ft | LDB-5-0.5 | < 2.8 | **11100** | < 0.19 |
| LDB-5 | 2/16/2023 | 2.5 ft | LDB-5-2.5 | **4.7** | **2030** | **1.9** |
| LDB-5 | 2/16/2023 | 5 ft | LDB-5-5 | **3.73** | **4** | - |
| LDB-5 | 2/16/2023 | 7.5 ft | LDB-5-7.5 | **5.43** | **5.71** | - |
| LDB-5 | 2/16/2023 | 10 ft | LDB-5-10 | < 1.42 | **2.51** | - |
| LDB-6 | 2/16/2023 | 0.5 ft | LDB-6-0.5 | < 1.41 | **441** | - |
| LDB-6 | 2/16/2023 | 10 ft | LDB-6-10 | **4.03** | **6.99** | - |
| LDB-6 | 2/16/2023 | 2.5 ft | LDB-6-2.5 | **5.39** | **8.65** | - |
| LDB-6 | 2/16/2023 | 5 ft | LDB-6-5 | **3.66** | **3.35** | - |
| LDB-6 | 2/16/2023 | 7.5 ft | LDB-6-7.5 | < 1.4 | **3.28** | - |
| LDB-7 | 2/16/2023 | 0.5 ft | LDB-7-0.5 | **4.43** | **65.9** | - |
| LDB-7 | 2/16/2023 | 2.5 ft | LDB-7-2.5 | **14.3** | **7.27** | - |
| LDB-7 | 2/16/2023 | 5 ft | LDB-7-5 | **7.81** | **2.6** | - |
| LDB-7 | 2/16/2023 | 7.5 ft | LDB-7-7.5 | **3.25** | **2.69** | - |
| LDB-7 | 2/16/2023 | 10 ft | LDB-7-10 | < 1.4 | **4.3** | - |

**TABLE 2**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - ARSENIC, LEAD, CHROMIUM IV**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | Arsenic (mg/kg) | Lead (mg/kg) | Chromium VI (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 11 | 500 | 6.2 |
| Location | Date | Depth | Sample ID | | | |
| LDB-8 | 2/16/2023 | 0.5 ft | LDB-8-0.5 | **5.51** | **48.1** | - |
| LDB-8 | 2/16/2023 | 2.5 ft | LDB-8-2.5 | **6.78** | **8.75** | - |
| LDB-8 | 2/16/2023 | 5 ft | LDB-8-5 | **10.3** | **5.54** | - |
| LDB-8 | 2/16/2023 | 7.5 ft | LDB-8-7.5 | < 1.41 | **2.82** | - |
| LDB-8 | 2/16/2023 | 10 ft | LDB-8-10 | < 1.41 | **5.19** | - |
| LDB-9 | 2/16/2023 | 0.5 ft | LDB-9-0.5 | **5.46** | **297** | - |
| LDB-9 | 2/16/2023 | 2.5 ft | LDB-9-2.5 | **7.02** | **33.9** | - |
| LDB-9 | 2/16/2023 | 5 ft | LDB-9-5 | **4.9** | **5.34** | - |
| LDB-9 | 2/16/2023 | 7.5 ft | LDB-9-7.5 | < 1.4 | **3.62** | - |
| LDB-9 | 2/16/2023 | 10 ft | LDB-9-10 | **9.51** | **18.7** | - |
| LDB-10 | 2/16/2023 | 0.5 ft | LDB-10-0.5 | **6.32** | **43.2** | - |
| LDB-10 | 2/16/2023 | 2.5 ft | LDB-10-2.5 | **5.96** | **13.1** | - |
| LDB-10 | 2/16/2023 | 5 ft | LDB-10-5 | **10** | **6.15** | - |
| LDB-10 | 2/16/2023 | 7.5 ft | LDB-10-7.5 | < 1.41 | **3.17** | - |
| LDB-10 | 2/16/2023 | 10 ft | LDB-10-10 | < 1.42 | **9.01** | - |
| LV-1 | 6/23/2021 | 1 ft | LV-1-1 | < 2.43 | < 4.85 | - |
| LV-1 | 6/23/2021 | 5 ft | LV-1-5 | **2.71** | < 4.95 | - |
| LV-1 | 6/23/2021 | 10 ft | LV-1-10 | **3.54** | **12.1** | - |
| LV-1 | 6/23/2021 | 15 ft | LV-1-15 | **4.09** | **5.23** | - |
| LV-1 | 6/23/2021 | 20 ft | LV-1-20 | **2.55** | < 4.85 | - |
| LV-2 | 6/22/2021 | 1 ft | LV-2-1 | < 2.4 | < 4.81 | - |
| LV-2 | 6/22/2021 | 5 ft | LV-2-5 | **4.84** | < 5.26 | - |
| LV-2 | 6/22/2021 | 10 ft | LV-2-10 | < 2.46 | < 4.93 | - |
| LV-2 | 6/22/2021 | 15 ft | LV-2-15 | < 2.58 | < 5.15 | - |
| LV-2 | 6/22/2021 | 20 ft | LV-2-20 | < 2.44 | < 4.88 | - |
| LV-3 | 6/22/2021 | 1 ft | LV-3-1 | < 2.51 | < 5.03 | < 0.4 |
| LV-3 | 6/22/2021 | 5 ft | LV-3-5 | < 2.46 | < 4.93 | < 0.4 |
| LV-3 | 6/22/2021 | 10 ft | LV-3-10 | < 2.56 | < 5.13 | < 0.4 |
| LV-4 | 6/18/2021 | 1 ft | LV-4-1 | < 2.6 | < 0.521 | - |
| LV-4 | 6/18/2021 | 5 ft | LV-4-5 | **3.94** | < 5 | - |
| LV-4 | 6/18/2021 | 10 ft | LV-4-10 | **6.73** | < 4.98 | - |
| LV-5 | 6/23/2021 | 1 ft | LV-5-1 | **3.4** | **7.28** | - |
| LV-5 | 6/23/2021 | 5 ft | LV-5-5 | < 2.49 | **6.94** | - |
| LV-5 | 6/23/2021 | 10 ft | LV-5-10 | **3.51** | **17.5** | - |
| LV-5 | 6/23/2021 | 15 ft | LV-5-15 | **2.8** | **7.63** | - |
| LV-5 | 6/23/2021 | 20 ft | LV-5-20 | **4.18** | **13.6** | - |
| LV-6 | 6/22/2021 | 1 ft | LV-6-1 | **2.4** | < 4.81 | - |
| LV-6 | 6/22/2021 | 5 ft | LV-6-5 | < 2.43 | < 4.85 | - |
| LV-6 | 6/22/2021 | 10 ft | LV-6-10 | **3.6** | < 4.98 | - |
| LV-6 | 6/22/2021 | 15 ft | LV-6-15 | < 2.5 | < 5 | - |
| LV-6 | 6/22/2021 | 20 ft | LV-6-20 | < 2.58 | < 5.15 | - |

**TABLE 2**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - ARSENIC, LEAD, CHROMIUM IV**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | Arsenic (mg/kg) | Lead (mg/kg) | Chromium VI (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 11 | 500 | 6.2 |
| Location | Date | Depth | Sample ID | | | |
| LV-7 | 6/22/2021 | 1 ft | LV-7-1 | < 2.58 | < 5.15 | **0.7** |
| LV-7 | 6/22/2021 | 5 ft | LV-7-5 | **40.2** | **109** | - |
| LV-7 | 6/22/2021 | 10 ft | LV-7-10 | < 2.53 | < 5.05 | **0.48** |
| LV-8 | 6/18/2021 | 1 ft | LV-8-1 | < 2.44 | < 4.88 | - |
| LV-8 | 6/18/2021 | 3 ft | LV-8-3 | < 2.4 | < 4.81 | - |
| LV-8 | 6/18/2021 | 5 ft | LV-8-5 | < 2.42 | < 4.83 | - |
| LV-8 | 6/18/2021 | 10 ft | LV-8-10 | < 2.48 | < 4.95 | - |
| LV-9 | 6/22/2021 | 1 ft | LV-9-1 | < 2.44 | **8.62** | - |
| LV-9 | 6/22/2021 | 5 ft | LV-9-5 | **30** | **93.1** | - |
| LV-9 | 6/22/2021 | 10 ft | LV-9-10 | < 2.63 | < 5.26 | **3.6** |
| LV-10 | 6/21/2021 | 1 ft | LV-10-1 | **3.36** | **2680** | **73** |
| LV-10 | 6/21/2021 | 5 ft | LV-10-5 | < 2.56 | < 5.13 | - |
| LV-10 | 6/21/2021 | 10 ft | LV-10-10 | < 2.5 | < 5 | - |
| LV-11 | 6/21/2021 | 1 ft | LV-11-1 | < 2.56 | **11.9** | - |
| LV-11 | 6/21/2021 | 2.5 ft | LV-11-2.5 | < 2.43 | < 4.85 | - |
| LV-11 | 6/21/2021 | 5 ft | LV-11-5 | < 2.39 | < 4.78 | - |
| LV-11 | 6/21/2021 | 7.5 ft | LV-11-7.5 | < 2.36 | **47.2** | - |
| LV-11 | 6/21/2021 | 10 ft | LV-11-10 | < 2.5 | < 5 | - |
| LV-12 | 6/21/2021 | 1 ft | LV-12-1 | **5.01** | **166** | - |
| LV-12 | 6/21/2021 | 2.5 ft | LV-12-2.5 | < 2.55 | < 5.1 | - |
| LV-12 | 6/21/2021 | 5 ft | LV-12-5 | < 2.51 | < 5.21 | - |
| LV-12 | 6/21/2021 | 7.5 ft | LV-12-7.5 | < 2.51 | < 5.03 | - |
| LV-12 | 6/21/2021 | 10 ft | LV-12-10 | < 2.63 | < 5.26 | - |
| LV-13 | 6/18/2021 | 1 ft | LV-13-1 | < 2.59 | < 5.18 | - |
| LV-13 | 6/18/2021 | 2.5 ft | LV-13-2.5 | < 2.63 | **8.08** | - |
| LV-13 | 6/18/2021 | 5 ft | LV-13-5 | < 2.51 | **12.7** | - |
| LV-13 | 6/18/2021 | 7.5 ft | LV-13-7.5 | < 2.44 | < 4.88 | - |
| LV-13 | 6/18/2021 | 10 ft | LV-13-10 | **4.61** | **28.4** | - |
| LV-14A | 6/18/2021 | 1 ft | LV-14A-1 | < 2.5 | < 5 | - |
| LV-14A | 6/18/2021 | 2.5 ft | LV-14A-2.5 | < 2.58 | < 5.15 | - |
| LV-14A | 6/18/2021 | 5 ft | LV-14A-5 | **2.86** | **18** | - |
| LV-14A | 6/18/2021 | 7.5 ft | LV-14A-7.5 | < 2.63 | < 5.26 | - |
| LV-14A | 6/18/2021 | 10 ft | LV-14A-10 | < 2.51 | < 5.03 | - |
| LV-14B | 6/18/2021 | 2 ft | LV-14B-2 | < 2.58 | **6.53** | - |
| LV-15 | 6/21/2021 | 1 ft | LV-15-1 | < 2.59 | **1640** | **22** |
| LV-15 | 6/21/2021 | 2.5 ft | LV-15-2.5 | < 2.56 | **9.88** | - |
| LV-15 | 6/21/2021 | 5 ft | LV-15-5 | **13.5** | < 5.03 | - |
| LV-15 | 6/21/2021 | 7.5 ft | LV-15-7.5 | **20.5** | < 5.03 | - |
| LV-15 | 6/21/2021 | 10 ft | LV-15-10 | < 2.48 | < 4.95 | - |

**TABLE 2**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - ARSENIC, LEAD, CHROMIUM IV**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | Arsenic (mg/kg) | Lead (mg/kg) | Chromium VI (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 11 | 500 | 6.2 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| LV-16 | 6/21/2021 | 1 ft | LV-16-1 | < 2.43 | < 4.85 | - |
| LV-16 | 6/21/2021 | 2.5 ft | LV-16-2.5 | **7.67** | < 4.85 | - |
| LV-16 | 6/21/2021 | 5 ft | LV-16-5 | **6.92** | < 4.88 | - |
| LV-16 | 6/21/2021 | 7.5 ft | LV-16-7.5 | < 2.4 | < 4.81 | - |
| LV-16 | 6/21/2021 | 10 ft | LV-16-10 | < 2.43 | < 4.85 | - |
| LV-17 | 6/21/2021 | 1 ft | LV-17-1 | < 2.55 | **10.8** | - |
| LV-17 | 6/21/2021 | 2.5 ft | LV-17-2.5 | < 2.46 | **9.7** | - |
| LV-17 | 6/21/2021 | 5 ft | LV-17-5 | < 2.5 | < 5 | - |
| LV-17 | 6/21/2021 | 7.5 ft | LV-17-7.5 | < 2.43 | < 4.85 | - |
| LV-17 | 6/21/2021 | 10 ft | LV-17-10 | < 2.44 | < 4.88 | - |
| LV-18 | 6/21/2021 | 1 ft | LV-18-1 | < 2.59 | **226** | - |
| LV-18 | 6/21/2021 | 2.5 ft | LV-18-2.5 | < 2.5 | < 5 | - |
| LV-18 | 6/21/2021 | 5 ft | LV-18-5 | < 2.46 | < 4.93 | - |
| LV-18 | 6/21/2021 | 7.5 ft | LV-18-7.5 | < 2.63 | < 5.26 | - |
| LV-18 | 6/21/2021 | 10 ft | LV-18-10 | < 2.51 | < 5.03 | - |
| LV-19 | 6/21/2021 | 1 ft | LV-19-1 | < 2.43 | **631** | - |
| LV-19 | 6/21/2021 | 2.5 ft | LV-19-2.5 | **5.08** | **41.7** | - |
| LV-19 | 6/21/2021 | 5 ft | LV-19-5 | < 2.5 | < 5 | - |
| LV-19 | 6/21/2021 | 7.5 ft | LV-19-7.5 | < 2.4 | < 4.81 | - |
| LV-19 | 6/21/2021 | 10 ft | LV-19-10 | < 2.6 | < 5.21 | **2.2** |
| LV-20 | 6/21/2021 | 0.5 ft | LV-20-0.5 | < 2.63 | **125** | - |
| SB-1 | 8/22/2020 | 2 ft | SB-1 | **11** | **18** | - |
| SB-2 | 8/22/2020 | 2 ft | SB-2 | **6.8** | **8.1** | - |
| SB-3 | 8/21/2020 | 2 ft | SB-3 | **9.6** | **10** | - |
| SB-4 | 8/21/2020 | 2 ft | SB-4 | **7.4** | **10** | - |
| SB-5 | 8/21/2020 | 2 ft | SB-5 | **8.6** | **7.2** | - |
| SB-6 | 8/22/2020 | 2 ft | SB-6 | **3.3** | **6.2** | - |
| SB-7 | 8/22/2020 | 2 ft | SB-7 | **3.9** | **4.8** | - |
| SB-8 | 8/21/2020 | 2 ft | SB-8 | **4.6** | **25** | - |
| SB-9 | 8/21/2020 | 2 ft | SB-9 | **5.4** | **8.5** | - |
| SB-10 | 8/21/2020 | 5 ft | SB-10 | **18** | **8.4** | - |
| SB-10 | 8/21/2020 | 10 ft | SB-10 | **4** | - | - |
| SB-11 | 8/21/2020 | 2 ft | SB-11 | **6.4** | **2400** | - |
| SB-11 | 8/21/2020 | 5 ft | SB-11 | - | **6.3** | - |
| SB-12 | 8/21/2020 | 2 ft | SB-12 | **6.6** | **8.3** | - |
| SB-13 | 8/21/2020 | 2 ft | SB-13 | **7.9** | **2300** | - |
| SB-13 | 8/21/2020 | 15 ft | SB-13 | - | **3.6** | - |
| SB-14 | 8/21/2020 | 5 ft | SB-14 | **9.7** | **31** | - |
| SB-15 | 8/22/2020 | 2 ft | SB-15 | **7.9** | **390** | - |
| SB-15 | 8/22/2020 | 5 ft | SB-15 | - | **5.8** | - |
| SB-16 | 8/21/2020 | 2 ft | SB-16 | **8.1** | **13000** | - |
| SB-16 | 8/21/2020 | 5 ft | SB-16 | - | **6.3** | - |

**TABLE 2**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - ARSENIC, LEAD, CHROMIUM IV**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | Arsenic (mg/kg) | Lead (mg/kg) | Chromium VI (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 11 | 500 | 6.2 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| SB-17 | 8/22/2020 | 2 ft | SB-17 | **4.8** | **11** | - |
| SB-17 | 8/22/2020 | 5 ft | SB-17 | - | **9.5** | - |
| SB-18 | 8/22/2020 | 2 ft | SB-18 | **1.6** | **4.5** | - |
| SB-19 | 8/21/2020 | 2 ft | SB-19 | **21** | **26000** | - |
| SB-19 | 8/21/2020 | 5 ft | SB-19 | **8.1** | **4.7** | - |
| SB-20 | 8/21/2020 | 2 ft | SB-20 | **3.2** | **520** | - |
| SB-20 | 8/21/2020 | 5 ft | SB-20 | - | **7.8** | - |
| SB-21 | 8/21/2020 | 2 ft | SB-21 | **5** | **5.9** | - |
| SB-22 | 8/21/2020 | 2 ft | SB-22 | **3.3** | **50** | - |
| SB-23 | 8/21/2020 | 2 ft | SB-23 | **23** | **4100** | - |
| SB-23 | 8/21/2020 | 5 ft | SB-23 | **4** | **5.7** | - |
| SB-24 | 8/21/2020 | 2 ft | SB-24 | **5.3** | **140** | - |
| SB-25 | 8/21/2020 | 2 ft | SB-25 | **7** | **110** | - |
| SB-26 | 8/21/2020 | 2 ft | SB-26 | **14** | **9.3** | - |
| SB-26 | 8/21/2020 | 5 ft | SB-26 | **6.4** | - | - |
| SB-27 | 8/21/2020 | 2 ft | SB-27 | **2.2** | **100** | - |
| SB-28 | 8/21/2020 | 2 ft | SB-28 | **3.1** | **15** | - |
| SB-29 | 8/21/2020 | 2 ft | SB-29 | **2.1** | **47** | - |
| SB-30 | 8/22/2020 | 2 ft | SB-30 | **2.7** | **6.1** | - |
| SB-31 | 8/22/2020 | 2 ft | SB-31 | **5** | **19** | - |
| SB-32 | 8/22/2020 | 2 ft | SB-32 | **4.3** | **12** | - |
| SB-33 | 8/22/2020 | 2 ft | SB-33 | **6.9** | **12** | - |

***Notes:***

1. *Results in **bold** were detected.*
2. *< - Not detected above the reporting limit*
   *J - Estimated value*
3. *Results in **red** exceed the screening criteria shown in table.*
4. *Results shown in milligrams per kilogram (mg/kg).*

**TABLE 3**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - TPH**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | TPH-Diesel (mg/kg) | TPH-Gasoline (mg/kg) | TPH-Motor Oil (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 1,100 | 1,900 | 79,000 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| LDB-1 | 2/16/2023 | 0.5 ft | LDB-1-0.5 | < 3.8 | < 3.8 | **6.5** |
| LDB-1 | 2/16/2023 | 2.5 ft | LDB-1-2.5 | **11** | < 3.7 | **18** |
| LDB-1 | 2/16/2023 | 5 ft | LDB-1-5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-1 | 2/16/2023 | 7.5 ft | LDB-1-7.5 | < 3.7 | < 3.7 | < 3.7 |
| LDB-1 | 2/16/2023 | 10 ft | LDB-1-10 | **5.3** | < 3.7 | < 3.7 |
| LDB-2/3 | 2/16/2023 | 0.5 ft | LDB-2/3-0.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-2/3 | 2/16/2023 | 2.5 ft | LDB-2/3-2.5 | < 3.7 | < 3.7 | < 3.7 |
| LDB-2/3 | 2/16/2023 | 5 ft | LDB-2/3-5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-2/3 | 2/16/2023 | 7.5 ft | LDB-2/3-7.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-2/3 | 2/16/2023 | 10 ft | LDB-2/3-10 | **8.8** | **5.7** | < 3.7 |
| LDB-4 | 2/16/2023 | 0.5 ft | LDB-4-0.5 | **6.6** | < 3.7 | **8.9** |
| LDB-4 | 2/16/2023 | 2.5 ft | LDB-4-2.5 | **8** | < 3.7 | **11** |
| LDB-4 | 2/16/2023 | 5 ft | LDB-4-5 | **5.3** | < 3.7 | **5.8** |
| LDB-4 | 2/16/2023 | 7.5 ft | LDB-4-7.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-4 | 2/16/2023 | 10 ft | LDB-4-10 | < 3.7 | < 3.7 | < 3.7 |
| LDB-5 | 2/16/2023 | 0.5 ft | LDB-5-0.5 | **24000** | **11000** | **24000** |
| LDB-5 | 2/16/2023 | 2.5 ft | LDB-5-2.5 | **12000** | **4200** | **14000** |
| LDB-5 | 2/16/2023 | 5 ft | LDB-5-5 | **9.7** | < 3.8 | **11** |
| LDB-5 | 2/16/2023 | 7.5 ft | LDB-5-7.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-5 | 2/16/2023 | 10 ft | LDB-5-10 | < 3.8 | < 3.8 | < 3.8 |
| LDB-6 | 2/16/2023 | 0.5 ft | LDB-6-0.5 | **6700** | **340** | **5500** |
| LDB-6 | 2/16/2023 | 2.5 ft | LDB-6-2.5 | **46** | < 3.9 | **27** |
| LDB-6 | 2/16/2023 | 5 ft | LDB-6-5 | **5.8** | < 3.7 | **5.8** |
| LDB-6 | 2/16/2023 | 7.5 ft | LDB-6-7.5 | **130** | **7** | **120** |
| LDB-6 | 2/16/2023 | 10 ft | LDB-6-10 | < 3.8 | < 3.8 | **4.9** |
| LDB-7 | 2/16/2023 | 0.5 ft | LDB-7-0.5 | **9.1** | < 3.7 | **20** |
| LDB-7 | 2/16/2023 | 2.5 ft | LDB-7-2.5 | < 3.8 | < 3.8 | **6.6** |
| LDB-7 | 2/16/2023 | 5 ft | LDB-7-5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-7 | 2/16/2023 | 7.5 ft | LDB-7-7.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-7 | 2/16/2023 | 10 ft | LDB-7-10 | < 3.8 | < 3.8 | < 3.8 |
| LDB-8 | 2/16/2023 | 0.5 ft | LDB-8-0.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-8 | 2/16/2023 | 2.5 ft | LDB-8-2.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-8 | 2/16/2023 | 5 ft | LDB-8-5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-8 | 2/16/2023 | 7.5 ft | LDB-8-7.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-8 | 2/16/2023 | 10 ft | LDB-8-10 | < 3.8 | < 3.8 | < 3.8 |
| LDB-9 | 2/16/2023 | 0.5 ft | LDB-9-0.5 | **27** | < 7.7 | **76** |
| LDB-9 | 2/16/2023 | 2.5 ft | LDB-9-2.5 | < 3.8 | < 3.8 | **11** |
| LDB-9 | 2/16/2023 | 5 ft | LDB-9-5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-9 | 2/16/2023 | 7.5 ft | LDB-9-7.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-9 | 2/16/2023 | 10 ft | LDB-9-10 | < 3.8 | < 3.8 | < 3.8 |
| LDB-10 | 2/16/2023 | 0.5 ft | LDB-10-0.5 | **8.1** | < 3.8 | **17** |
| LDB-10 | 2/16/2023 | 2.5 ft | LDB-10-2.5 | < 3.8 | < 3.8 | **5.2** |
| LDB-10 | 2/16/2023 | 5 ft | LDB-10-5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-10 | 2/16/2023 | 7.5 ft | LDB-10-7.5 | < 3.8 | < 3.8 | < 3.8 |
| LDB-10 | 2/16/2023 | 10 ft | LDB-10-10 | < 3.8 | < 3.8 | < 3.8 |

**TABLE 3**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - TPH**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | TPH-Diesel (mg/kg) | TPH-Gasoline (mg/kg) | TPH-Motor Oil (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 1,100 | 1,900 | 79,000 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| LV-1 | 6/23/2021 | 1 ft | LV-1-1 | < 4.9 | < 0.097 | **5.7** |
| LV-1 | 6/23/2021 | 15 ft | LV-1-15 | < 5 | < 0.01 | < 5 |
| LV-1 | 6/23/2021 | 20 ft | LV-1-20 | **5.6** | < 0.01 | **7.9** |
| LV-1 | 6/23/2021 | 5 ft | LV-1-5 | < 5 | < 0.091 | **6.1** |
| LV-1 | 6/23/2021 | 10 ft | LV-1-10 | < 5 | < 0.099 | < 5 |
| LV-2 | 6/22/2021 | 1 ft | LV-2-1 | **9.4** | < 0.085 | **33** |
| LV-2 | 6/22/2021 | 5 ft | LV-2-5 | < 5 | < 0.079 | < 5 |
| LV-2 | 6/22/2021 | 10 ft | LV-2-10 | < 5 | < 0.12 | **8** |
| LV-2 | 6/22/2021 | 15 ft | LV-2-15 | < 5 | < 0.092 | **8.1** |
| LV-2 | 6/22/2021 | 20 ft | LV-2-20 | **5.6** | < 0.1 | **7.9** |
| LV-3 | 6/22/2021 | 1 ft | LV-3-1 | < 50 | < 0.063 | **360** |
| LV-3 | 6/22/2021 | 5 ft | LV-3-5 | < 4.9 | < 0.075 | **7.2** |
| LV-3 | 6/22/2021 | 10 ft | LV-3-10 | < 4.9 | < 0.073 | **5.6** |
| LV-4 | 6/18/2021 | 1 ft | LV-4-1 | **42** | **1.1** | **240** |
| LV-4 | 6/18/2021 | 5 ft | LV-4-5 | **7** | < 0.09 | **8.7** |
| LV-4 | 6/18/2021 | 10 ft | LV-4-10 | **6.1** | < 0.078 | **6.9** |
| LV-5 | 6/23/2021 | 1 ft | LV-5-1 | < 4.9 | < 0.092 | < 4.9 |
| LV-5 | 6/23/2021 | 5 ft | LV-5-5 | < 5 | < 0.085 | **7** |
| LV-5 | 6/23/2021 | 10 ft | LV-5-10 | < 4.9 | < 0.1 | **8.9** |
| LV-5 | 6/23/2021 | 15 ft | LV-5-15 | < 5 | < 0.1 | **12** |
| LV-5 | 6/23/2021 | 20 ft | LV-5-20 | **7.4** | < 0.1 | **22** |
| LV-6 | 6/22/2021 | 1 ft | LV-6-1 | **9.3** | < 0.1 | **57** |
| LV-6 | 6/22/2021 | 5 ft | LV-6-5 | < 5 | < 0.087 | **7** |
| LV-6 | 6/22/2021 | 10 ft | LV-6-10 | < 4.9 | < 0.088 | < 4.9 |
| LV-6 | 6/22/2021 | 15 ft | LV-6-10 | - | < 0.1 | - |
| LV-6 | 6/22/2021 | 15 ft | LV-6-15 | **12** | < 0.092 | **14** |
| LV-6 | 6/22/2021 | 20 ft | LV-6-20 | < 5 | < 0.097 | < 5 |
| LV-7 | 6/22/2021 | 1 ft | LV-7-1 | **3900** | **6.9** | **13000** |
| LV-7 | 6/22/2021 | 5 ft | LV-7-5 | < 5 | < 0.074 | **8.5** |
| LV-7 | 6/22/2021 | 10 ft | LV-7-10 | < 5 | < 0.078 | **8.9** |
| LV-8 | 6/18/2021 | 1 ft | LV-8-1 | **1800** | **1.5** | **6000** |
| LV-8 | 6/18/2021 | 3 ft | LV-8-3 | **390** | - | **1200** |
| LV-8 | 6/18/2021 | 5 ft | LV-8-5 | **13** | < 0.086 | **18** |
| LV-8 | 6/18/2021 | 10 ft | LV-8-10 | < 5 | < 0.12 | **5** |
| LV-9 | 6/22/2021 | 1 ft | LV-9-1 | **51** | < 0.081 | **880** |
| LV-9 | 6/22/2021 | 5 ft | LV-9-5 | < 5 | < 0.077 | **5.7** |
| LV-9 | 6/22/2021 | 10 ft | LV-9-10 | < 5 | < 0.076 | **6** |
| LV-10 | 6/21/2021 | 1 ft | LV-10-1 | **530** | < 0.096 | **760** |
| LV-10 | 6/21/2021 | 5 ft | LV-10-5 | < 5.1 | < 0.087 | **10** |
| LV-10 | 6/21/2021 | 10 ft | LV-10-10 | < 4.8 | < 0.076 | < 4.8 |
| LV-11 | 6/21/2021 | 1 ft | LV-11-1 | < 5 | < 0.074 | < 5 |
| LV-11 | 6/21/2021 | 2.5 ft | LV-11-2.5 | **7.5** | - | < 5.1 |
| LV-11 | 6/21/2021 | 5 ft | LV-11-5 | < 4.9 | **0.19** | < 4.9 |
| LV-11 | 6/21/2021 | 7.5 ft | LV-11-7.5 | < 4.9 | - | < 4.9 |
| LV-11 | 6/21/2021 | 10 ft | LV-11-10 | < 5.2 | < 0.09 | < 5.2 |
| LV-12 | 6/21/2021 | 1 ft | LV-12-1 | **5.1** | < 0.067 | < 4.7 |

**TABLE 3**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - TPH**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | TPH-Diesel (mg/kg) | TPH-Gasoline (mg/kg) | TPH-Motor Oil (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 1,100 | 1,900 | 79,000 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| LV-12 | 6/21/2021 | 2.5 ft | LV-12-2.5 | < 5.2 | - | < 5.2 |
| LV-12 | 6/21/2021 | 5 ft | LV-12-5 | < 4.8 | < 0.081 | < 4.8 |
| LV-12 | 6/21/2021 | 7.5 ft | LV-12-7.5 | < 5 | - | < 5 |
| LV-12 | 6/21/2021 | 10 ft | LV-12-10 | < 5 | < 0.077 | < 5 |
| LV-13 | 6/18/2021 | 1 ft | LV-13-1 | **27** | **0.17** | **22** |
| LV-13 | 6/18/2021 | 2.5 ft | LV-13-2.5 | < 5 | - | **17** |
| LV-13 | 6/18/2021 | 5 ft | LV-13-5 | **8** | < 0.09 | **11** |
| LV-13 | 6/18/2021 | 7.5 ft | LV-13-7.5 | < 4.8 | - | < 4.8 |
| LV-13 | 6/18/2021 | 10 ft | LV-13-10 | **10** | < 0.1 | **14** |
| LV-14A | 6/18/2021 | 1 ft | LV-14A-1 | **530** | **0.16** | **1500** |
| LV-14A | 6/18/2021 | 2.5 ft | LV-14A-2.5 | **19** | - | **32** |
| LV-14A | 6/18/2021 | 5 ft | LV-14A-5 | **15** | < 0.087 | **16** |
| LV-14A | 6/18/2021 | 7.5 ft | LV-14A-7.5 | **10** | - | **13** |
| LV-14A | 6/18/2021 | 10 ft | LV-14A-10 | **5.1** | < 0.092 | **7.1** |
| LV-14B | 6/18/2021 | 2 ft | LV-14B-2 | **160** | - | **440** |
| LV-15 | 6/21/2021 | 1 ft | LV-15-1 | **23** | < 0.071 | **120** |
| LV-15 | 6/21/2021 | 2.5 ft | LV-15-2.5 | < 5 | - | **29** |
| LV-15 | 6/21/2021 | 5 ft | LV-15-5 | < 4.9 | < 0.089 | < 4.9 |
| LV-15 | 6/21/2021 | 7.5 ft | LV-15-7.5 | < 5.2 | - | < 5.2 |
| LV-15 | 6/21/2021 | 10 ft | LV-15-10 | < 4.9 | < 0.096 | < 4.9 |
| LV-16 | 6/21/2021 | 1 ft | LV-16-1 | **8.4** | < 0.07 | **5.3** |
| LV-16 | 6/21/2021 | 2.5 ft | LV-16-2.5 | < 5.2 | - | **83** |
| LV-16 | 6/21/2021 | 5 ft | LV-16-5 | **6.2** | < 0.86 | **7.5** |
| LV-16 | 6/21/2021 | 7.5 ft | LV-16-7.5 | < 5.2 | - | < 5.2 |
| LV-16 | 6/21/2021 | 10 ft | LV-16-10 | < 4.9 | < 0.097 | < 4.9 |
| LV-17 | 6/21/2021 | 1 ft | LV-17-1 | **20** | < 0.11 | **120** |
| LV-17 | 6/21/2021 | 2.5 ft | LV-17-2.5 | **2400** | - | **7300** |
| LV-17 | 6/21/2021 | 5 ft | LV-17-5 | **800** | **270** | **2900** |
| LV-17 | 6/21/2021 | 7.5 ft | LV-17-7.5 | **14** | - | **63** |
| LV-17 | 6/21/2021 | 10 ft | LV-17-10 | < 4.7 | < 0.099 | **11** |
| LV-18 | 6/21/2021 | 1 ft | LV-18-1 | **9.7** | < 0.091 | **120** |
| LV-18 | 6/21/2021 | 2.5 ft | LV-18-2.5 | < 4.9 | - | **46** |
| LV-18 | 6/21/2021 | 5 ft | LV-18-5 | < 5 | < 0.089 | < 5 |
| LV-18 | 6/21/2021 | 7.5 ft | LV-18-7.5 | **6.9** | - | **8** |
| LV-18 | 6/21/2021 | 10 ft | LV-18-10 | **7.1** | < 0.083 | **9.8** |
| LV-19 | 6/21/2021 | 1 ft | LV-19-1 | **11** | < 0.085 | **84** |
| LV-19 | 6/21/2021 | 2.5 ft | LV-19-2.5 | **8** | - | **63** |
| LV-19 | 6/21/2021 | 5 ft | LV-19-5 | < 4.9 | < 0.078 | **9.3** |
| LV-19 | 6/21/2021 | 7.5 ft | LV-19-7.5 | **5.4** | - | **8.6** |
| LV-19 | 6/21/2021 | 10 ft | LV-19-10 | **7.8** | < 0.092 | **16** |
| SB-1 | 8/22/2020 | 2 ft | SB-1 | < 10 | < 10 | **49** |
| SB-1 | 8/22/2020 | 5 ft | SB-1 | < 10 | < 10 | **8.9** |
| SB-2 | 8/22/2020 | 2 ft | SB-2 | < 10 | < 10 | **16** |
| SB-2 | 8/22/2020 | 5 ft | SB-2 | < 10 | < 10 | < 10 |
| SB-3 | 8/21/2020 | 10 ft | SB-3 | < 10 | < 10 | < 10 |
| SB-3 | 8/21/2020 | 15 ft | SB-3 | < 9.9 | < 9.9 | < 9.9 |

**TABLE 3**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - TPH**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | TPH-Diesel (mg/kg) | TPH-Gasoline (mg/kg) | TPH-Motor Oil (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 1,100 | 1,900 | 79,000 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| SB-4 | 8/21/2020 | 2 ft | SB-4 | < 10 | < 10 | **22** |
| SB-4 | 8/21/2020 | 5 ft | SB-4 | < 9.9 | < 9.9 | **32** |
| SB-5 | 8/21/2020 | 2 ft | SB-5 | < 10 | < 10 | **70** |
| SB-5 | 8/21/2020 | 5 ft | SB-5 | < 10 | < 10 | **4.9** |
| SB-6 | 8/22/2020 | 2 ft | SB-6 | < 10 | < 10 | < 10 |
| SB-6 | 8/22/2020 | 5 ft | SB-6 | < 10 | < 10 | < 10 |
| SB-7 | 8/22/2020 | 2 ft | SB-7 | < 20 | < 20 | **50** |
| SB-7 | 8/22/2020 | 5 ft | SB-7 | **4.5** | < 10 | < 10 |

**TABLE 3**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - TPH**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | TPH-Diesel (mg/kg) | TPH-Gasoline (mg/kg) | TPH-Motor Oil (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 1,100 | 1,900 | 79,000 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| SB-8 | 8/21/2020 | 2 ft | SB-8 | **100** | < 50 | **1400** |
| SB-8 | 8/21/2020 | 5 ft | SB-8 | < 9.9 | < 9.9 | **5.7** |
| SB-9 | 8/21/2020 | 2 ft | SB-9 | < 10 | < 10 | < 10 |
| SB-9 | 8/21/2020 | 5 ft | SB-9 | < 10 | < 10 | **4.5** |
| SB-10 | 8/21/2020 | 2 ft | SB-10 | **180** | < 110 | **850** |
| SB-10 | 8/21/2020 | 5 ft | SB-10 | < 10 | < 10 | **12** |
| SB-11 | 8/21/2020 | 2 ft | SB-11 | **350** | **27** | **1100** |
| SB-11 | 8/21/2020 | 5 ft | SB-11 | **4.2** | < 10 | < 10 |
| SB-12 | 8/21/2020 | 2 ft | SB-12 | < 10 | < 10 | < 10 |
| SB-12 | 8/21/2020 | 5 ft | SB-12 | < 10 | < 10 | < 10 |
| SB-13 | 8/21/2020 | 2 ft | SB-13 | **80** | < 50 | **390** |
| SB-13 | 8/21/2020 | 5 ft | SB-13 | < 10 | < 10 | < 10 |
| SB-13 | 8/21/2020 | 10 ft | SB-13 | < 10 | < 10 | < 10 |
| SB-14 | 8/21/2020 | 2 ft | SB-14 | **1400** | < 10 | **4500** |
| SB-14 | 8/21/2020 | 5 ft | SB-14 | < 10 | < 10 | < 10 |
| SB-15 | 8/22/2020 | 2 ft | SB-15 | < 10 | < 10 | < 10 |
| SB-15 | 8/22/2020 | 5 ft | SB-15 | < 10 | < 10 | < 10 |
| SB-16 | 8/21/2020 | 2 ft | SB-16 | **4900** | < 10 | **13000** |
| SB-16 | 8/21/2020 | 5 ft | SB-16 | < 10 | < 10 | < 10 |
| SB-17 | 8/22/2020 | 2 ft | SB-17 | < 10 | < 10 | **5.5** |
| SB-17 | 8/22/2020 | 5 ft | SB-17 | **50** | **8.2** | **130** |
| SB-18 | 8/22/2020 | 2 ft | SB-18 | **5.3** | < 10 | **17** |
| SB-18 | 8/22/2020 | 5 ft | SB-18 | < 10 | < 10 | **6.7** |
| SB-19 | 8/21/2020 | 2 ft | SB-19 | **58** | **9.4** | **98** |
| SB-19 | 8/21/2020 | 5 ft | SB-19 | < 10 | < 10 | < 10 |
| SB-20 | 8/21/2020 | 2 ft | SB-20 | **510** | **150** | **960** |
| SB-20 | 8/21/2020 | 5 ft | SB-20 | < 10 | < 10 | < 10 |
| SB-21 | 8/21/2020 | 2 ft | SB-21 | **35** | < 10 | **51** |
| SB-21 | 8/21/2020 | 5 ft | SB-21 | **1500** | **240** | **1700** |
| SB-21 | 8/21/2020 | 10 ft | SB-21 | **9.7** | < 10 | **6.5** |
| SB-22 | 8/21/2020 | 2 ft | SB-22 | < 10 | < 10 | < 10 |
| SB-22 | 8/21/2020 | 5 ft | SB-22 | < 10 | < 10 | **6.8** |
| SB-23 | 8/21/2020 | 2 ft | SB-23 | **8500** | **2600** | **33000** |
| SB-23 | 8/21/2020 | 5 ft | SB-23 | **4.5** | < 9.9 | **18** |
| SB-24 | 8/21/2020 | 2 ft | SB-24 | < 20 | < 20 | **74** |
| SB-24 | 8/21/2020 | 5 ft | SB-24 | < 10 | < 10 | **10** |
| SB-25 | 8/21/2020 | 2 ft | SB-25 | < 10 | < 10 | **16** |
| SB-25 | 8/21/2020 | 5 ft | SB-25 | < 10 | < 10 | **9.7** |
| SB-26 | 8/21/2020 | 2 ft | SB-26 | **16** | < 10 | **37** |
| SB-26 | 8/21/2020 | 5 ft | SB-26 | < 50 | < 50 | **130** |
| SB-27 | 8/21/2020 | 2 ft | SB-27 | **40** | < 10 | **400** |
| SB-27 | 8/21/2020 | 5 ft | SB-27 | < 10 | < 10 | **8.6** |
| SB-28 | 8/21/2020 | 2 ft | SB-28 | < 100 | < 100 | **300** |
| SB-28 | 8/21/2020 | 5 ft | SB-28 | < 10 | < 10 | **11** |
| SB-29 | 8/21/2020 | 2 ft | SB-29 | < 10 | < 10 | **17** |
| SB-29 | 8/21/2020 | 5 ft | SB-29 | < 10 | < 10 | **8.5** |

**TABLE 3**
**SUMMARY OF PREVIOUS SOIL ANALYTICAL RESULTS - TPH**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | TPH-Diesel (mg/kg) | TPH-Gasoline (mg/kg) | TPH-Motor Oil (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 1,100 | 1,900 | 79,000 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| SB-30 | 8/22/2020 | 2 ft | SB-30 | < 20 | < 20 | **70** |
| SB-30 | 8/22/2020 | 5 ft | SB-30 | < 10 | < 10 | **11** |
| SB-31 | 8/22/2020 | 2 ft | SB-31 | < 50 | < 50 | **98** |
| SB-31 | 8/22/2020 | 5 ft | SB-31 | < 10 | < 10 | **14** |
| SB-32 | 8/22/2020 | 2 ft | SB-32 | < 200 | < 200 | **930** |
| SB-32 | 8/22/2020 | 5 ft | SB-32 | < 10 | < 10 | **11** |
| SB-33 | 8/22/2020 | 2 ft | SB-33 | **4.5** | < 10 | **14** |
| SB-33 | 8/22/2020 | 5 ft | SB-33 | < 10 | < 10 | **10** |

***Notes:***

*1. Results in **bold** were detected.*

*2. < - Not detected above the reporting limit*

*3. Results in **red** exceed the screening criteria shown in table.*

*4. Results shown in milligrams per kilogram (mg/kg).*

**TABLE 4**
**SUMMARY OF SOIL ANALYTICAL RESULTS - PCBs**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| Location | Date | Sample Type | Depth (bgs) | Sample ID | Aroclor-1016 (mg/kg) | Aroclor-1221 (mg/kg) | Aroclor-1232 (mg/kg) | Aroclor-1242 (mg/kg) | Aroclor-1248 (mg/kg) | Aroclor-1254 (mg/kg) | Aroclor-1260 (mg/kg) | Total PCBs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B-5 | 1/11/2024 | N | 5 (ft) | B-5-5.0-011124-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 |
| B-5 | 1/11/2024 | N | 6 (ft) | B-5-6.0-011124-01 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 |
| B-5 | 1/11/2024 | N | 7 (ft) | B-5-7.0--011124-01 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| B-5 | 1/11/2024 | FD | 7 (ft) | B-5-7.0--011124-02 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 |
| LV-8 | 1/11/2024 | N | 4 (ft) | LV-8-4.0-011124-01 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 |
| LV-8 | 1/11/2024 | FD | 4 (ft) | LV-8-4.0-011124-02 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 |
| LV-9 | 1/4/2024 | N | 1 (ft) | LV-9-1.0-010424-01 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | **0.24 J** | < 0.47 | **0.24 J** |
| LV-9 | 1/4/2024 | N | 2 (ft) | LV-9-2.0-010424-01 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 |
| LV-10 | 1/11/2024 | N | 2 (ft) | LV-10-2.0-011124-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 |
| LV-10 | 1/11/2024 | N | 3 (ft) | LV-10-3.0-011124-01 | < 0.57 | < 0.57 | < 0.57 | < 0.57 | < 0.57 | < 0.57 | < 0.57 | < 0.57 |
| LV-10 | 1/11/2024 | N | 4 (ft) | LV-10-4.0-011124-01 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 |
| SB-11 | 1/11/2024 | N | 3 (ft) | SB-11-3.0-011124-01 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 |
| SB-11 | 1/11/2024 | N | 4 (ft) | SB-11-4.0-011124-01 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 |
| SB-13 | 1/15/2024 | N | 1 (ft) | SB-13-1.0-011524-01 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 |
| SB-13 | 1/15/2024 | N | 2 (ft) | SB-13-2.0-011524-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 |
| SB-13 | 1/15/2024 | N | 3 (ft) | SB-13-3.0-011524-01 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 |
| SB-14 | 1/11/2024 | N | 3 (ft) | SB-14-3.0-011124-01 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 |
| SB-14 | 1/11/2024 | FD | 3 (ft) | SB-14-3.0-011124-02 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 |
| SB-14 | 1/11/2024 | N | 4 (ft) | SB-14-4.0-011124-01 | < 0.62 | < 0.62 | < 0.62 | < 0.62 | < 0.62 | < 0.62 | < 0.62 | < 0.62 |
| SB-16 | 1/11/2024 | N | 3 (ft) | SB-16-3.0-011124-01 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 |
| SB-16 | 1/11/2024 | N | 4 (ft) | SB-16-4.0-011124-01 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 |
| HA-SB-01 | 1/5/2024 | N | 0.5 (ft) | HA-SB-01-0.5-010524-01 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | **0.33 J** | < 0.46 | **0.33 J** |
| HA-SB-01 | 1/11/2024 | N | 1 (ft) | HA-SB-01-1.0-011124-01 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 |
| HA-SB-01 | 1/11/2024 | N | 2 (ft) | HA-SB-01-2.0-011124-01 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 |
| HA-SB-01 | 1/11/2024 | N | 3 (ft) | HA-SB-01-3.0-011124-01 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 |
| HA-SB-01 | 1/11/2024 | N | 4 (ft) | HA-SB-01-4.0-011124-01 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 |
| HA-SB-02 | 1/5/2024 | N | 0.5 (ft) | HA-SB-02-0.5-010524-01 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | **12 F1** | **12** |
| HA-SB-02 | 1/5/2024 | N | 1 (ft) | HA-SB-02-1.0-010524-01 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | **5.7** | < 0.46 | **5.7** |
| HA-SB-03 | 1/5/2024 | N | 0.5 (ft) | HA-SB-03-0.5-010524-01 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | **1.8** | < 0.46 | **1.8** |
| HA-SB-03 | 1/11/2024 | N | 1 (ft) | HA-SB-03-1.0-011124-01 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 |
| HA-SB-03 | 1/11/2024 | N | 2 (ft) | HA-SB-03-2.0-011124-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 |
| HA-SB-03 | 1/11/2024 | N | 3 (ft) | HA-SB-03-3.0-011124-01 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 |
| HA-SB-03 | 1/11/2024 | N | 4 (ft) | HA-SB-03-4.0-011124-01 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 |
| HA-SB-04 | 1/5/2024 | N | 0.5 (ft) | HA-SB-04-0.5-010524-01 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | **1.1** | < 0.41 | **1.1** |
| HA-SB-04 | 1/5/2024 | N | 1 (ft) | HA-SB-04-1.0-010524-01 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 |
| HA-SB-05 | 1/4/2024 | N | 0.5 (ft) | HA-SB-05-0.5-010424-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | **1.7** | < 0.48 | **1.7** |
| HA-SB-05 | 1/11/2024 | N | 1 (ft) | HA-SB-05-1.0-011124-01 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 |
| HA-SB-05 | 1/11/2024 | N | 2 (ft) | HA-SB-05-2.0-011124-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 |
| HA-SB-05 | 1/11/2024 | N | 3 (ft) | HA-SB-05-3.0-011124-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 |
| HA-SB-05 | 1/11/2024 | FD | 3 (ft) | HA-SB-05-3.0-011124-02 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| HA-SB-05 | 1/11/2024 | N | 4 (ft) | HA-SB-05-4.0-011124-01 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 |
| HA-SB-06 | 1/4/2024 | N | 0.5 (ft) | HA-SB-06-0.5-010424-01 | < 0.44 | < 0.44 | < 0.44 | < 0.44 | < 0.44 | < 0.44 | < 0.44 | < 0.44 |
| HA-SB-06 | 1/4/2024 | N | 1 (ft) | HA-SB-06-1.0-010424-01 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 |
| HA-SB-06 | 1/4/2024 | N | 2 (ft) | HA-SB-06-2.0-010424-01 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | **0.28 J** | **0.28 J** |
| HA-SB-07 | 1/4/2024 | N | 0.5 (ft) | HA-SB-07-0.5-010424-01 | < 4.8 | < 4.8 | < 4.8 | **11** | < 4.8 | **54** | < 4.8 | **65** |
| HA-SB-07 | 1/4/2024 | N | 1 (ft) | HA-SB-07-1.0-010424-01 | < 4.8 | < 4.8 | < 4.8 | **7.8** | < 4.8 | **30** | < 4.8 | **37.8** |
| HA-SB-07 | 1/4/2024 | N | 2 (ft) | HA-SB-07-2.0-010424-01 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | **0.66** | < 0.41 | **0.66** |
| HA-SB-08 | 1/11/2024 | N | 1 (ft) | HA-SB-08-1.0-011124-01 | < 0.84 | < 0.84 | < 0.84 | < 0.84 | < 0.84 | **2.9** | < 0.84 | **2.9** |
| HA-SB-08 | 1/11/2024 | FD | 1 (ft) | HA-SB-08-1.0-011124-02 | < 2.4 | < 2.4 | < 2.4 | < 2.4 | < 2.4 | **7.8** | < 2.4 | **7.8** |

**TABLE 4**
**SUMMARY OF SOIL ANALYTICAL RESULTS - PCBs**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| Location | Date | Sample Type | Depth (bgs) | Sample ID | Aroclor-1016 (mg/kg) | Aroclor-1221 (mg/kg) | Aroclor-1232 (mg/kg) | Aroclor-1242 (mg/kg) | Aroclor-1248 (mg/kg) | Aroclor-1254 (mg/kg) | Aroclor-1260 (mg/kg) | Total PCBs (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HA-SB-09 | 1/11/2024 | N | 0.5 (ft) | HA-SB-09-0.5-011124-01 | < 0.51 F2 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 F2 | < 0.51 |
| HA-SB-09 | 1/11/2024 | N | 1 (ft) | HA-SB-09-1.0-011124-01 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 |
| HA-SB-09 | 1/11/2024 | FD | 1 (ft) | HA-SB-09-1.0-011124-02 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| HA-SB-09 | 1/11/2024 | N | 2 (ft) | HA-SB-09-2.0-011124-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 |
| HA-SB-09 | 1/11/2024 | N | 3 (ft) | HA-SB-09-3.0-011124-01 | < 0.64 | < 0.64 | < 0.64 | < 0.64 | < 0.64 | **0.57 J** | < 0.64 | **0.57 J** |
| HA-SB-09 | 1/11/2024 | N | 4 (ft) | HA-SB-09-4.0-011124-01 | < 0.72 | < 0.72 | < 0.72 | < 0.72 | < 0.72 | **0.97** | < 0.72 | **0.97** |
| HA-SB-10 | 1/4/2024 | N | 0.5 (ft) | HA-SB-10-0.5-010424-01 | < 4.5 | < 4.5 | < 4.5 | < 4.5 | < 4.5 | **6.1 p** | < 4.5 | **6.1** |
| HA-SB-10 | 1/11/2024 | N | 1 (ft) | HA-SB-10-1.0-011124-01 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 |
| HA-SB-10 | 1/11/2024 | N | 2 (ft) | HA-SB-10-2.0-011124-01 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| HA-SB-10 | 1/11/2024 | FD | 2 (ft) | HA-SB-10-2.0-011124-02 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 |
| HA-SB-10 | 1/11/2024 | N | 3 (ft) | HA-SB-10-3.0-011124-01 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 |
| HA-SB-10 | 1/11/2024 | N | 4 (ft) | HA-SB-10-4.0-011124-01 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 |
| HA-SB-10 | 1/11/2024 | FD | 4 (ft) | HA-SB-10-4.0-011124-02 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 |
| HA-SB-11 | 1/4/2024 | N | 0.5 (ft) | HA-SB-11-0.5-010424-01 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 |
| HA-SB-11 | 1/5/2024 | N | 1 (ft) | HA-SB-11-1.0-010524-01 | < 0.37 | < 0.37 | < 0.37 | < 0.37 | < 0.37 | < 0.37 | < 0.37 | < 0.37 |
| HA-SB-11 | 1/5/2024 | N | 2 (ft) | HA-SB-11-2.0-010524-01 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 |
| HA-SB-11 | 1/5/2024 | N | 3 (ft) | HA-SB-11-3.0-010524-01 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 |
| HA-SB-11 | 1/5/2024 | N | 4 (ft) | HA-SB-11-4.0-010524-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 |
| HA-SB-12 | 1/4/2024 | N | 0.5 (ft) | HA-SB-12-0.5-010424-01 | < 0.39 | < 0.39 | < 0.39 | < 0.39 | < 0.39 | < 0.39 | < 0.39 | < 0.39 |
| HA-SB-12 | 1/4/2024 | N | 1 (ft) | HA-SB-12-1.0-010424-01 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 |
| HA-SB-12 | 1/4/2024 | N | 2 (ft) | HA-SB-12-2.0-010424-01 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 |
| HA-SB-12 | 1/4/2024 | N | 3 (ft) | HA-SB-12-3.0-010424-01 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 |
| HA-SB-13 | 1/4/2024 | N | 0.5 (ft) | HA-SB-13-0.5-010424-01 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 |
| HA-SB-13 | 1/4/2024 | N | 1 (ft) | HA-SB-13-1.0-010424-01 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 |
| HA-SB-13 | 1/4/2024 | N | 2 (ft) | HA-SB-13-2.0-010424-01 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 |
| HA-SB-13 | 1/5/2024 | N | 2 (ft) | HA-SB-13-2.0-010524-01 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 |
| HA-SB-13 | 1/5/2024 | N | 3 (ft) | HA-SB-13-3.0-010524-01 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 |
| HA-SB-13 | 1/5/2024 | N | 4 (ft) | HA-SB-13-4.0-010524-01 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 |
| HA-SB-13 | 1/5/2024 | N | 5 (ft) | HA-SB-13-5.0-010524-01 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 |
| HA-SB-14 | 1/4/2024 | N | 0.5 (ft) | HA-SB-14-0.5-010424-01 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 |
| HA-SB-14 | 1/4/2024 | N | 1 (ft) | HA-SB-14-1.0-010424-01 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 |
| HA-SB-15 | 1/4/2024 | N | 0.5 (ft) | HA-SB-15-0.5-010424-01 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 |
| HA-SB-15 | 1/4/2024 | N | 1 (ft) | HA-SB-15-1.0-010424-01 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | **1.7** | < 0.45 | **1.7** |

***Notes:***
1. *Results in **bold** were detected.*
2. *< - Not detected above the reporting limit*
   *J - Estimated value*
3. *Results in **red** exceed the screening criteria of 1 mg/kg.*
4. *Sample Types: N - Normal Environmental Sample, FD - Field Duplicate*

**TABLE 5**
**SUMMARY OF SOIL ANALYTICAL RESULTS - ARSENIC, LEAD, CHROMIUM IV**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | Arsenic (mg/kg) | Lead (mg/kg) | Chromium VI (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Action Level (mg/kg): | 11 | 500 | 6.2 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| HA-SB-01 | 1/11/2024 | 1 ft | HA-SB-01-1.0-011124-01 | - | **9.33** | - |
| HA-SB-01 | 1/11/2024 | 2 ft | HA-SB-01-2.0-011124-01 | - | **6.6** | - |
| HA-SB-11 | 1/15/2024 | 5 ft | HA-SB-11-5.0-011524-01 | **5.27** | - | - |
| HA-SB-15 | 1/4/2024 | 1 ft | HA-SB-15-1.0-010424-01 | - | **1260** | - |
| HA-SB-16 | 1/15/2024 | 1 ft | HA-SB-16-1.0-011524-01 | - | **63.1** | **8.31** |
| HA-SB-17 | 1/15/2024 | 2 ft | HA-SB-17-2.0-011524-01 | **8.92** | - | - |
| HA-SB-18 | 1/15/2024 | 1 ft | HA-SB-18-1.0-011524-01 | - | **20.3** | - |
| HA-SB-18 | 1/15/2024 | 5 ft | HA-SB-18-5.0-011524-01 | **5.33** | - | - |
| HA-SB-19 | 1/15/2024 | 5 ft | HA-SB-19-5.0-011524-01 | **7.59** | - | - |
| HA-SB-20 | 1/15/2024 | 2.5 ft | HA-SB-20-2.5-011524-01 | **5.02** | - | - |
| HA-SB-21 | 1/15/2024 | 2 ft | HA-SB-21-2.0-011524-01 | **5.53** | - | - |
| HA-SB-21 | 1/15/2024 | 5 ft | HA-SB-21-5.0-011524-01 | **6.04** | - | - |
| HA-SB-22 | 1/15/2024 | 5 ft | HA-SB-22-5.0-011524-01 | **5.06** | - | - |
| HA-SB-23 | 1/15/2024 | 1 ft | HA-SB-23-1.0-011524-01 | - | **165** | - |
| HA-SB-23 | 1/15/2024 | 2 ft | HA-SB-23-2.0-011524-01 | - | **6.86** | - |
| HA-SB-24 | 1/15/2024 | 2 ft | HA-SB-24-2.0-011524-01 | **3.8** | **146 J** | - |
| HA-SB-24 | 1/15/2024 | 2 ft | HA-SB-24-2.0-011524-02 | **4.36** | **443 J** | - |
| HA-SB-25 | 1/15/2024 | 2 ft | HA-SB-25-2.0-011524-01 | **6.78** | **2540** | - |
| HA-SB-26 | 1/15/2024 | 2 ft | HA-SB-26-2.0-011524-01 | **4.49** | **1890** | - |
| HA-SB-27 | 1/15/2024 | 2 ft | HA-SB-27-2.0-011524-01 | - | **134** | - |
| HA-SB-28 | 1/15/2024 | 1 ft | HA-SB-28-1.0-011524-01 | - | **69.9** | - |
| HA-SB-29 | 1/15/2024 | 1 ft | HA-SB-29-1.0-011524-01 | - | **48.6 J** | - |
| HA-SB-29 | 1/15/2024 | 1 ft | HA-SB-29-1.0-011524-02 | - | **8.98 J** | - |
| LV-15-01-N | 1/15/2024 | 5 ft | LV-15-01-N-5.0-011524-01 | **9.21** | - | - |
| LV-15-01-N | 1/15/2024 | 7.5 ft | LV-15-01-N-7.5-011524-01 | ND (2.94) | - | - |
| LV-15-01-W | 1/15/2024 | 5 ft | LV-15-01-W-5.0-011524-01 | **7.52** | - | - |
| LV-15-01-W | 1/15/2024 | 7.5 ft | LV-15-01-W-7-5-011524-01 | **2.68 J** | - | - |
| LV-15-02-E | 1/11/2024 | 1 ft | LV-15-02-E-1.0-011124-01 | - | **2.78** | ND (0.794) |
| LV-15-02-E | 1/11/2024 | 5 ft | LV-15-02-E-5.0-011124-01 | ND (2.83) | - | - |
| LV-15-02-E | 1/11/2024 | 7.5 ft | LV-15-02-E-7.5-011124-01 | ND (2.88) | - | - |
| LV-15-03-S | 1/11/2024 | 5 ft | LV-15-03-S-5.0-011124-01 | **7.56** | - | - |
| LV-15-03-S | 1/11/2024 | 7.5 ft | LV-15-03-S-7.5-011124-01 | **10** | - | - |

***Notes:***

1. *Results in **bold** were detected.*
2. *< - Not detected above the reporting limit*
   *J - Estimated value*
3. *Results in **red** exceed the screening criteria shown in table.*
4. *Results shown in milligrams per kilogram (mg/kg).*
5. *Data has been validated by Haley & Aldrich, Inc.*

**TABLE 6**
**SUMMARY OF SOIL ANALYTICAL RESULTS - TPH**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| | | | Chemical: | TPH-Diesel (mg/kg) | TPH-Gasoline (mg/kg) | TPH-Motor Oil (mg/kg) |
|---|---|---|---|---|---|---|
| | | | Screening Criteria: | 1,100 | 1,900 | 79,000 |
| **Location** | **Date** | **Depth** | **Sample ID** | | | |
| HA-SB-18 | 1/15/2024 | 5 ft | HA-SB-18-5.0-011524-01 | **25** | - | - |
| HA-SB-27 | 1/15/2024 | 2 ft | HA-SB-27-2.0-011524-01 | **150** | - | - |

***Notes:***

*1. Results in **bold** were detected.*
*2. < - Not detected above the reporting limit*
*3. Results in **red** exceed the screening criteria shown in table.*
*4. Results shown in milligrams per kilogram (mg/kg).*

**TABLE 7**
**SOIL REMEDIAL ACTION GOALS**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| COPC | Media | Remedial Action Goal (mg/Kg) |
|---|---|---|
| PCB | Soil (0-10 feet bgs) | 1 |
| Lead | | 500 |
| Arsenic | | 11 |
| Hexavalent Chromium | | 6.2 |
| TPH-D | | 1,100 |
| TPH-GRO | | 1,900 |
| TPH-MO | | 79,000 |

***Notes:***

1. *COPC - Chemical of Potential Concern*
2. *PCB - Polychlorinated Biphenyl*
3. *TPH - Total Petroleum Hydrocarbon*
4. *D - Deisel*
5. *GRO - Gasoline Range Organics*
4. *MO - Motor Oil*
4. *mg/Kg - Milligram per Kilogram*

**TABLE 8**
**SOIL REMEDIAL EXCAVATION VOLUMES**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| Depths (ft bgs) | Surface Area (sf) | Volume (cy) |
|---|---|---|
| 1 | 12,654 | 469 |
| 1.5 | 0 | 0 |
| 2 | 14,283 | 1,058 |
| 2.5 | 5,861 | 543 |
| 3 | 8,163 | 907 |
| 3.5 | 200 | 26 |
| 4 | 7,707 | 1,142 |
| 5 | 3,969 | 735 |
| 6 | 400 | 89 |
| 8.5 | 100 | 31 |
| | **TOTAL EXCAVATION VOLUME** | **4,999** |

***Notes:***

*1. ft bgs - feet below ground surface*
*2. sf - square feet*
*3. cy - cubic yard*

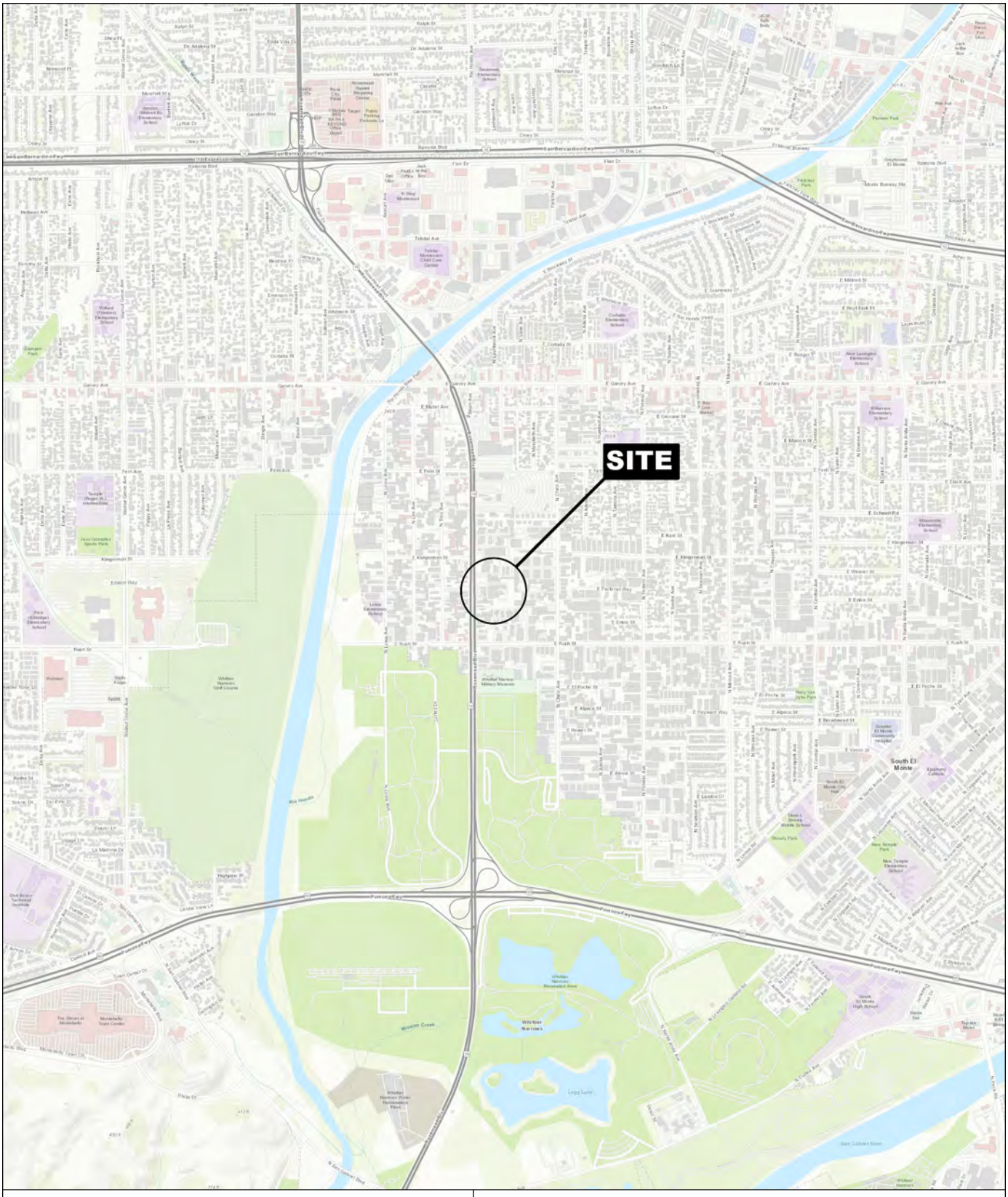
**TABLE 9**
**SOIL REMEDIAL EXCAVATION VOLUMES BY COC**
ROSEMEAD HOLDING, LLC
SOUTH EL MONTE, CALIFORNIA

| COC | Maximum Depth (ft bgs) | Initial Volume (cy) | Co-Located Volume (cy) | Planned Excavation Volume (cy) |
|---|---|---|---|---|
| PCB | 5 | 4670 | NA | 4670 |
| Lead | 4 | 355 | 191 | 164 |
| Arsenic | 8.5 | 144 | 22 | 122 |
| Hexavalent Chromium | 2 | 22 | 15 | 7 |
| TPH-D | 6 | 78 | 43 | 35 |
| TPH-GRO | 3.5 | 24 | 24 | 0 |

***Notes:***

1. *ft bgs - feet below ground surface*
2. *cy - cubic yard*
3. *PCB - Polychlorinated Biphenyl*
4. *TPH-D - Total Petroleum Hydrocarbons Deisel*
5. *TPH-GRO - Total Petroleum Hydrocarbon Gasoline Range Organics*

# FIGURES



SITE COORDINATES: 34°03'14"N, 118°03'47"W

MAP SOURCE: USGS

HALEY ALDRICH

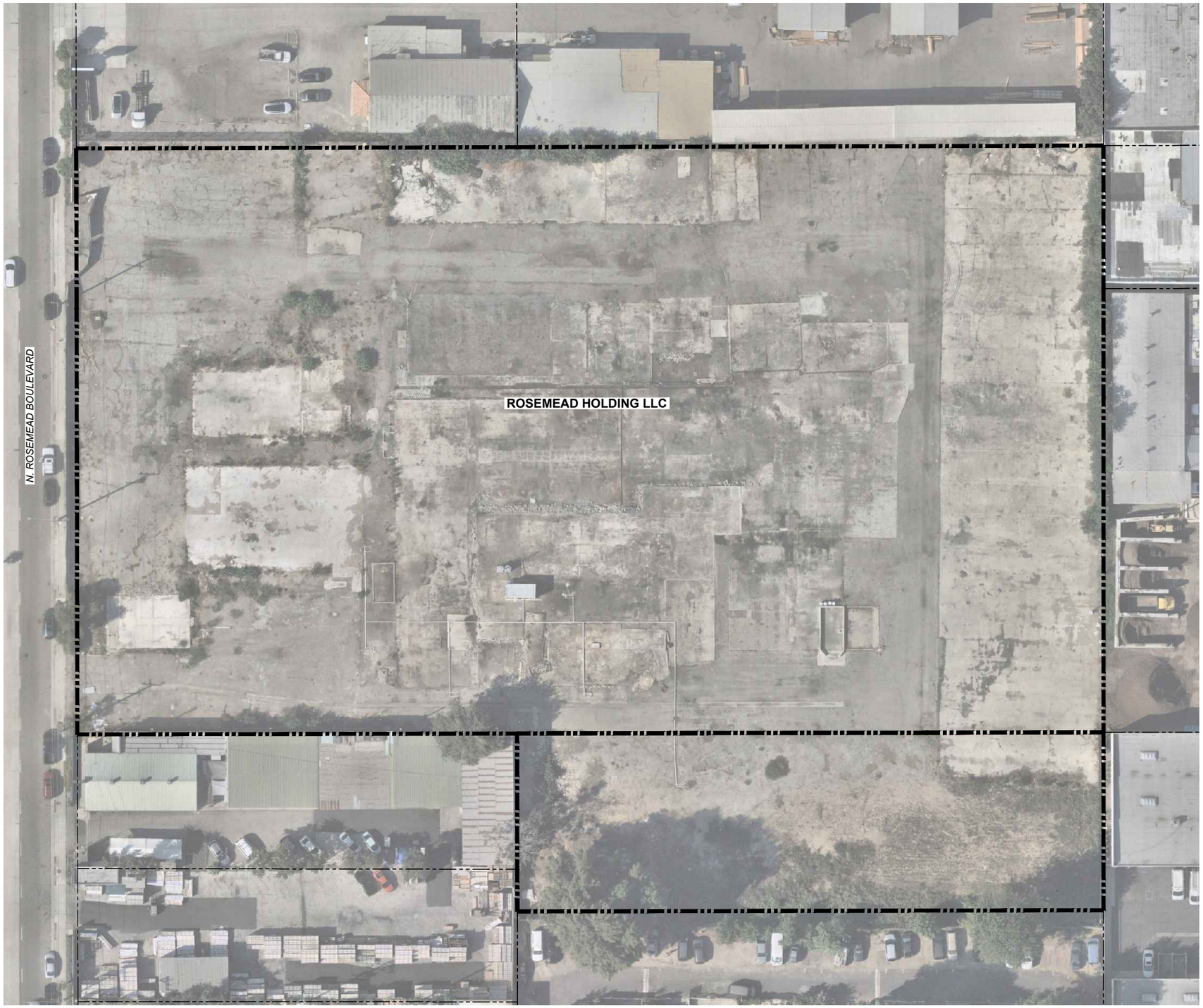
ROSEMEAD HOLDING LLC
2200 N. ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA

# PROJECT LOCUS

APPROXIMATE SCALE: 1 INCH = 2,000 FEET
APRIL 2024

FIGURE 1

0209476_000_LOCUS HALEYALDRICHKPOSTOLOWSKI




**LEGEND**

SITE BOUNDARY

ADJACENT PROPERTY BOUNDARIES

**NOTES**

1. BACKGROUND IMAGE DATED 12 SEPTEMBER 2023 FROM NEARMAP, INC.
2. PROPERTY BOUNDARIES FROM LOS ANGELES COUNTY GIS.

N

0 60 120

SCALE IN FEET

HALEY ALDRICH

ROSEMEAD HOLDING LLC
2200-2226 N. ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA

# SITE PLAN

SCALE: AS SHOWN
APRIL 2024

FIGURE 2

Saved by: KPOSTOLOWSKI Printed: 2/9/2024 2:33 PM Sheet: SITE FIG 2
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\020947\6\CAD\020947\6_000_0001_SITE PLAN.DWG

N. ROSEMEAD BOULEVARD

## LEGEND

- SOIL BORING
- TOTAL PCBs NOT DETECTED
- TOTAL PCBs DETECTED BELOW 1 MG/KG
- TOTAL PCBs DETECTED ABOVE 1 MG/KG
- SITE BOUNDARY
- ADJACENT PROPERTY BOUNDARIES

## NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. RESULTS SHOWN IN MG/KG.
3. RESULTS IN RED ARE GREATER THAN 1 MG/KG.
4. ND (#) - NOT DETECTED ABOVE THE REPORTING LIMIT (SHOWN IN PARENTHESIS).
5. AERIAL IMAGERY SOURCE: NEARMAP, 9/12/23.
6. DATABOXES WITH LIGHT BLUE BACKGROUND SAMPLED IN 2024 BY HALEY & ALDRICH.

0 20 40 60 80
SCALE IN FEET

HALEY ALDRICH

ROSEMEAD HOLDING LLC
2200-2226 N. ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA

# SOIL ANALYTICAL RESULTS - PCBs

SCALE: AS SHOWN
APRIL 2024

FIGURE 3

Saved by: KPOSTOLOWSKI
\\HALEYALDRICH.COM\SHARE\CITIPROJECTS\209476\CAD\2024-0150-HAI-SO-BASEPLAN- PCB.DWG
Printed: 2/9/2024 2:56 PM
Sheet: FIGURE 3

**LEGEND**

- SOIL BORING
- NOT DETECTED
- DETECTED BUT BELOW CRITERIA
- DETECTED ABOVE CRITERIA
- SITE BOUNDARY
- ADJACENT PROPERTY BOUNDARIES

**NOTES**

1. ALL LOCATIONS ARE APPROXIMATE.
2. LEAD RESULTS SHOWN IN MG/KG.
3. RESULTS IN RED ARE GREATER THAN THE FOLLOWING CRITERIA:
   - LEAD: 500 MG/KG
4. ND (#) - NOT DETECTED ABOVE THE REPORTING LIMIT (SHOWN IN PARENTHESIS).
5. AERIAL IMAGERY SOURCE: NEARMAP, 9/12/23.
6. DATABOXES WITH LIGHT BLUE BACKGROUND SAMPLED IN 2024 BY HALEY & ALDRICH.

N

0 20 40 60 80

SCALE IN FEET

HALEY ALDRICH

ROSEMEAD HOLDING LLC
2200-2600 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA

# SOIL ANALYTICAL RESULTS - LEAD

SCALE: AS SHOWN
APRIL 2024

FIGURE 4

Printed: 3/11/2024 3:43 PM
Sheet: HA-FIG-L
Saved by: MASA
\\HALEYALDRICH.COM\SHARE\CP\PROJECTS\0209476\CAD\2024-0301-HA-SG-BASEPLAN-LEAD.DWG

SB-1 Arsenic 2 ft 11
SB-2 Arsenic 2 ft 6.8
SB-3 Arsenic 2 ft 9.6
SB-4 Arsenic 2 ft 7.4
SB-5 Arsenic 2 ft 8.6
SB-6 Arsenic 2 ft 3.3
SB-7 Arsenic 2 ft 3.9
SB-8 Arsenic 2 ft 4.6
SB-9 Arsenic 2 ft 5.4
SB-10 Arsenic 5 ft 10 ft 16 4
SB-11 Arsenic 2 ft 6.4
SB-12 Arsenic 2 ft 6.6
SB-13 Arsenic 2 ft 7.9
SB-14 Arsenic 5 ft 9.7
SB-15 Arsenic 2 ft 7.9
SB-16 Arsenic 2 ft 8.1
SB-17 Arsenic 2 ft 4
SB-18 Arsenic 2 ft 1.6
SB-19 Arsenic 2 ft 5 ft 81 81
SB-20 Arsenic 2 ft 3.2
SB-21 Arsenic 2 ft 5
SB-22 Arsenic 2 ft 3.3
SB-23 Arsenic 2 ft 5 ft 29 4
SB-24 Arsenic 2 ft 5.3
SB-25 Arsenic 2 ft 7
SB-26 Arsenic 2 ft 5 ft 14 6.4
SB-27 Arsenic 2 ft 2.2
SB-28 Arsenic 2 ft 3.1
SB-29 Arsenic 2 ft 2.1
SB-30 Arsenic 2 ft 2.7
SB-31 Arsenic 2 ft 5
SB-32 Arsenic 2 ft 4.3
SB-33 Arsenic 2 ft 6.9
LV-1 Arsenic 1 ft ND (2.43) 5 ft 2.71 10 ft 3.54 15 ft 4.09 20 ft 2.85
LV-2 Arsenic 1 ft ND (2.4) 5 ft 4.84 10 ft ND (2.46) 15 ft ND (2.58) 20 ft ND (2.44)
LV-3 Arsenic 1 ft ND (2.51) 5 ft ND (2.46) 10 ft ND (2.56)
LV-4 Arsenic 1 ft ND (2.6) 5 ft 3.94 10 ft 6.73
LV-5 Arsenic 1 ft 3.4 5 ft ND (2.49) 10 ft 3.51 15 ft 2.8 20 ft 4.18
LV-6 Arsenic 1 ft 2.4 5 ft ND (2.43) 10 ft 3.8 15 ft ND (2.5) 20 ft ND (2.58)
LV-7 Arsenic 1 ft 5 ft 10 ft ND (2.58) 40 ND (2.53)
LV-8 Arsenic 1 ft ND (2.44) 3 ft ND (2.4) 5 ft ND (2.42) 10 ft ND (2.48)
LV-9 Arsenic 1 ft ND (2.44) 5 ft 30 10 ft ND (2.63)
LV-10 Arsenic 1 ft 3.36 5 ft ND (2.56) 10 ft ND (2.5)
LV-11 Arsenic 1 ft ND (2.56) 2.5 ft ND (2.43) 5 ft ND (2.39) 7.5 ft ND (2.36) 10 ft ND (2.5)
LV-12 Arsenic 1 ft 5.03 2.5 ft ND (2.55) 5 ft ND (2.61) 7.5 ft ND (2.65) 10 ft ND (2.49)
LV-13 Arsenic 1 ft ND (2.59) 2.5 ft ND (2.63) 5 ft ND (2.51) 7.5 ft ND (2.44) 10 ft 4.61
LV-14A Arsenic 1 ft ND (2.53) 2.5 ft ND (2.58) 5 ft 2.86 7.5 ft ND (2.63) 10 ft ND (2.51)
LV-14B Arsenic 2 ft ND (2.58)
LV-15-01-N Arsenic 5 ft 7.5 ft 9.21 ND (2.94)
LV-15-01-W Arsenic 5 ft 7.5 ft 7.52 2.68
LV-15 Arsenic 1 ft ND (2.59) 2.5 ft ND (2.56) 5 ft 18.5 7.5 ft 20.5 10 ft ND (2.48)
LV-15-02-E Arsenic 5 ft 7.5 ft ND (2.63) ND (2.64)
LV-15-03-S Arsenic 5 ft 7.5 ft 7.56 10
LV-16 Arsenic 1 ft ND (2.43) 2.5 ft 7.67 5 ft 6.62 7.5 ft ND (2.4) 10 ft ND (2.42)
LV-17 Arsenic 1 ft ND (2.55) 2.5 ft ND (2.46) 5 ft ND (2.5) 7.5 ft ND (2.43) 10 ft ND (2.44)
LV-18 Arsenic 1 ft ND (2.59) 2.5 ft ND (2.5) 5 ft ND (2.46) 7.5 ft ND (2.63) 10 ft ND (2.51)
LV-19 Arsenic 1 ft ND (2.43) 2.5 ft 5.08 5 ft ND (2.5) 7.5 ft ND (2.4) 10 ft ND (2.4)
LV-20 Arsenic 0.5 ft ND (2.63)
LDB-1 Arsenic 0.5 ft 5.16 2.5 ft 8.04 5 ft 6.79 7.5 ft ND (1.41) 10 ft ND (1.42)
LDB-2 Arsenic 0.5 ft 3.31 2.5 ft ND (1.42) 5 ft ND (1.39) 7.5 ft 6.16 10 ft ND (1.4)
LDB-3 Arsenic 0.5 ft 5.46 2.5 ft 7.02 5 ft 4.4 7.5 ft ND (1.4) 10 ft 9.53
LDB-4 Arsenic 0.5 ft 5.01 2.5 ft 6.78 5 ft 10.3 7.5 ft ND (1.41) 10 ft ND (1.41)
LDB-5 Arsenic 0.5 ft ND (2.8) 2.5 ft 4.7 5 ft 3.73 7.5 ft 5.43 10 ft ND (1.42)
LDB-6 Arsenic 0.5 ft ND (1.47) 2.5 ft 5.59 5 ft 3.66 7.5 ft ND (1.4) 10 ft 4.03
LDB-7 Arsenic 0.5 ft 4.42 2.5 ft 14.2 5 ft 7.81 7.5 ft 3.25 10 ft ND (1.4)
LDB-8 Arsenic 0.5 ft 6.32 2.5 ft 5.96 5 ft 6.3 7.5 ft ND (1.41) 10 ft ND (1.42)
LDB-9 Arsenic 0.5 ft 5.46 2.5 ft 7.02 5 ft 4.4 7.5 ft ND (1.4) 10 ft 9.53
LDB-10 Arsenic 0.5 ft 6.32 2.5 ft 5.96 5 ft 6.3 7.5 ft ND (1.41) 10 ft ND (1.42)
HA-SB-02
HA-SB-03
HA-SB-04
HA-SB-05
HA-SB-06
HA-SB-07
HA-SB-08
HA-SB-09
HA-SB-10
HA-SB-11
HA-SB-12
HA-SB-13
HA-SB-14
HA-SB-15
HA-SB-16
HA-SB-17
HA-SB-18
HA-SB-19 5 ft 7.59
HA-SB-20 Arsenic 2 ft 5.07
HA-SB-21 Arsenic 2 ft 5 ft 5.03 6.04
HA-SB-22 Arsenic 5 ft 5.04
HA-SB-23
HA-SB-24 Arsenic 2 ft 3.84 36
HA-SB-25 Arsenic 2 ft 6.78
HA-SB-26 Arsenic 2 ft 4.49
HA-SB-27
HA-SB-28
HA-SB-29
EF15
EF16
EF17
EF11
LP-1
LP-2
LP-3
LP-4
LP-5
LP-6
LP-8
LP-9
LP-10
LP-11
LP-12
LP-13
LP-14
LP-15
LP-16
LP-17
LP-18
LP-19
LP-20
LP-21
LP-22
LP-23
LP-24
LP-25
LP-26
LP-27
LP-28
LP-30
LP-31
LP-32
LP-33
LP-34
LP-35
LP-36
LP-37
LP-38
LP-41
LP-42
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15
B16
B17
B18
B19
B20
B21
B22
B23
B24
B25
B26
B27
B28
B29
B30
B31
B32
B33
B34
B35
B36
B37
B38
B39
B40

| LV-3 | Chromium VI |
|---|---|
| 1 ft | ND (0.4) |
| 5 ft | ND (0.4) |
| 10 ft | ND (0.4) |

| LV-15 | Chromium VI |
|---|---|
| 1 ft | 22 |

| LV-15-02-E | Chromium VI |
|---|---|
| 1 ft | ND (0.794) |

| LDB-5 | Chromium VI |
|---|---|
| 0.5 ft | ND (0.19) |
| 2.5 ft | 1.9 |

| LV-7 | Chromium VI |
|---|---|
| 1 ft | 0.7 |
| 10 ft | 0.48 |

| LV-10 | Chromium VI |
|---|---|
| 1 ft | 7.2 |

| LV-9 | Chromium VI |
|---|---|
| 10 ft | 3.6 |

| HA-SB-16 | Chromium VI |
|---|---|
| 1 ft | 8.31 |

| LV-19 | Chromium VI |
|---|---|
| 10 ft | 7.2 |

**LEGEND**

- SOIL BORING
- NOT DETECTED
- DETECTED BUT BELOW CRITERIA
- DETECTED ABOVE CRITERIA
- SITE BOUNDARY
- ADJACENT PROPERTY BOUNDARIES

**NOTES**

1. ALL LOCATIONS ARE APPROXIMATE.
2. RESULTS SHOWN IN MG/KG.
3. RESULTS IN RED ARE GREATER THAN THE FOLLOWING CRITERIA:
   - CHROMIUM VI: 6.2 MG/KG
4. ND (#) - NOT DETECTED ABOVE THE REPORTING LIMIT (SHOWN IN PARENTHESIS).
5. AERIAL IMAGERY SOURCE: NEARMAP, 9/12/23.
6. DATABOXES WITH LIGHT BLUE BACKGROUND SAMPLED IN 2024 BY HALEY & ALDRICH.

0 20 40 60 80

SCALE IN FEET

HALEY ALDRICH

ROSEMEAD HOLDING LLC
2200-2600 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA

# SOIL ANALYTICAL RESULTS - HEXAVALENT CHROMIUM

SCALE: AS SHOWN
APRIL 2024

FIGURE 6

Saved by: MASA
\\HALEYALDRICH.COM\SHARE\CITIPROJECTS\209476\CAD\2024-09\01-HAI-SO-BASEPLAN-CRIV.DWG
Printed: 3/11/2024 4:00 PM
Sheet: HA-FIG-E-L

| SB-2 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | 16 |
| 5 ft | ND (10) | ND (10) | ND (10) |

| SB-3 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 10 ft | ND (10) | ND (10) | ND (10) |
| 15 ft | ND (9.9) | ND (9.9) | ND (9.9) |

| SB-1 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | 49 |
| 5 ft | ND (10) | ND (10) | 8.9 |

| SB-4 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | 22 |
| 5 ft | ND (9.9) | ND (9.9) | 32 |

| LV-1 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | ND (4.8) | ND (0.097) | 5.7 |
| 5 ft | ND (5) | ND (0.091) | 6.1 |
| 10 ft | ND (5) | ND (0.099) | ND (5) |
| 15 ft | ND (5) | ND (0.01) | ND (5) |
| 20 ft | 5.6 | ND (0.01) | 7.9 |

| LV-2 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 9.4 | ND (0.085) | 33 |
| 5 ft | ND (5) | ND (0.079) | ND (5) |
| 10 ft | ND (5) | ND (0.12) | 8 |
| 15 ft | ND (5) | ND (0.092) | 8.1 |
| 20 ft | 5.6 | ND (0.1) | 7.9 |

| SB-6 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | ND (10) |
| 5 ft | ND (10) | ND (10) | ND (10) |

| SB-7 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (20) | ND (20) | 50 |
| 5 ft | 4.5 | ND (10) | ND (10) |

| SB-5 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | 70 |
| 5 ft | ND (10) | ND (10) | 4.9 |

| LV-3 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | ND (50) | ND (0.063) | 360 |
| 5 ft | ND (4.9) | ND (0.075) | 7.2 |
| 10 ft | ND (4.9) | ND (0.073) | 5.6 |

| SB-18 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 5.3 | ND (10) | 17 |
| 5 ft | ND (10) | ND (10) | 6.7 |

| LV-4 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 9.3 | ND (0.1) | 57 |
| 5 ft | ND (5) | ND (0.087) | 7 |
| 10 ft | ND (4.9) | ND (0.088) | ND (4.9) |
| 15 ft | 12 | ND (0.1)ND (0.092) | 14 |
| 20 ft | ND (5) | ND (0.097) | ND (5) |

| LV-5 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | ND (4.9) | ND (0.092) | ND (4.9) |
| 5 ft | ND (5) | ND (0.085) | 7 |
| 10 ft | ND (4.9) | ND (0.1) | 8.9 |
| 15 ft | ND (5) | ND (0.1) | 12 |
| 20 ft | 7.4 | ND (0.1) | 22 |

| SB-33 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 4.5 | ND (10) | 14 |
| 5 ft | ND (10) | ND (10) | 10 |

| SB-31 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (50) | ND (50) | 58 |
| 5 ft | ND (10) | ND (10) | 14 |

| SB-32 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (200) | ND (200) | 930 |
| 5 ft | ND (10) | ND (10) | 15 |

| SB-30 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (20) | ND (20) | 70 |
| 5 ft | ND (10) | ND (10) | 11 |

| SB-29 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | 17 |
| 5 ft | ND (10) | ND (10) | 8.5 |

| SB-28 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (100) | ND (100) | 300 |
| 5 ft | ND (10) | ND (10) | 11 |

| SB-27 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 40 | ND (10) | 400 |
| 5 ft | ND (10) | ND (10) | 8.6 |

| SB-26 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 16 | ND (10) | 37 |
| 5 ft | ND (50) | ND (50) | 130 |

| SB-8 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 100 | ND (50) | 1400 |
| 5 ft | ND (9.9) | ND (9.9) | 5.1 |

| SB-10 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 180 | ND (110) | 850 |
| 5 ft | ND (10) | ND (10) | 12 |

| SB-9 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | ND (10) |
| 5 ft | ND (10) | ND (10) | 4.5 |

| LV-13 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 27 | 0.17 | 22 |
| 2.5 ft | ND (5) | 17 | 17 |
| 5 ft | 8 | ND (0.09) | 11 |
| 7.5 ft | ND (4.8) | - | ND (4.8) |
| 10 ft | 10 | ND (0.1) | 14 |

| SB-12 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | ND (10) |
| 5 ft | ND (10) | ND (10) | ND (10) |

| LV-4 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 42 | 1.1 | 240 |
| 5 ft | 7 | ND (0.09) | 8.7 |
| 10 ft | 6.1 | ND (0.078) | 6.6 |

| SB-11 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 350 | 27 | 1100 |
| 5 ft | 4.2 | ND (10) | ND (10) |

| SB-17 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | 5.3 |
| 5 ft | 50 | 8.2 | 130 |

| SB-16 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 4900 | ND (10) | 13000 |
| 5 ft | ND (10) | ND (10) | ND (10) |

| LV-14B | Diesel | Motor Oil |
|---|---|---|
| 2 ft | 180 | 440 |

| LV-14A | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 530 | 0.16 | 1500 |
| 2.5 ft | 19 | - | 32 |
| 5 ft | 15 | ND (0.087) | 16 |
| 7.5 ft | 10 | - | 10 |
| 10 ft | 5.1 | ND (0.092) | 7.1 |

| LDB-5 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 0.5 ft | 24000 | 11000 | 24000 |
| 2.5 ft | 12000 | 4200 | 14000 |
| 5 ft | 9.7 | ND (3.8) | 11 |
| 7.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 10 ft | ND (3.8) | ND (3.8) | ND (3.8) |

| SB-19 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 58 | 5.4 | 98 |
| 5 ft | ND (10) | ND (10) | ND (10) |

| LV-8 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 1800 | 1.5 | 6000 |
| 3 ft | 390 | - | 1200 |
| 5 ft | - | ND (0.086) | 18 |
| 10 ft | ND (5) | ND (0.12) | 5 |

| LV-7 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 3900 | 6.9 | 13000 |
| 5 ft | ND (5) | ND (0.074) | 8.5 |
| 10 ft | ND (5) | ND (0.078) | 8.9 |

| SB-21 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 39 | ND (10) | 91 |
| 5 ft | 1500 | 240 | 1700 |
| 10 ft | 9.7 | ND (10) | 8.9 |

| SB-20 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 510 | 150 | 960 |
| 5 ft | ND (10) | ND (10) | ND (10) |

| SB-22 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | ND (10) |
| 5 ft | ND (10) | ND (10) | 6.8 |

| LV-17 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 20 | ND (0.11) | 120 |
| 2.5 ft | 2400 | - | 7300 |
| 5 ft | 800 | 270 | 2900 |
| 7.5 ft | 14 | - | 63 |
| 10 ft | ND (4.7) | ND (0.099) | 11 |

| LV-9 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 51 | ND (0.087) | 880 |
| 5 ft | ND (5) | ND (0.077) | 5.7 |
| 10 ft | ND (5) | ND (0.078) | 6 |

| LV-10 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 530 | ND (0.096) | 760 |
| 5 ft | ND (5.1) | ND (0.087) | 10 |
| 10 ft | ND (4.8) | ND (0.076) | ND (4.8) |

| SB-24 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (20) | ND (20) | 54 |
| 5 ft | ND (10) | ND (10) | 10 |

| LV-11 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | ND (5) | ND (0.074) | ND (5) |
| 2.5 ft | 7.5 | - | ND (5.1) |
| 5 ft | ND (4.9) | 0.19 | ND (4.9) |
| 7.5 ft | ND (4.9) | - | ND (4.9) |
| 10 ft | ND (5.2) | ND (0.09) | ND (5.2) |

| SB-13 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 80 | ND (50) | 390 |
| 5 ft | ND (10) | ND (10) | ND (10) |
| 10 ft | ND (10) | ND (10) | ND (10) |

| SB-14 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | 1400 | ND (10) | 4500 |
| 5 ft | ND (10) | ND (10) | ND (10) |

| SB-15 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | ND (10) |
| 5 ft | ND (10) | ND (10) | ND (10) |

| LV-12 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 5.1 | ND (0.097) | ND (4.7) |
| 2.5 ft | ND (5.2) | - | ND (5.2) |
| 5 ft | ND (4.8) | ND (0.081) | ND (4.8) |
| 7.5 ft | ND (5) | - | ND (5) |
| 10 ft | ND (5) | ND (0.077) | ND (5) |

| LDB-1 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 0.5 ft | ND (3.8) | ND (3.8) | 6.5 |
| 2.5 ft | 11 | ND (3.7) | 18 |
| 5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 7.5 ft | ND (3.7) | ND (3.7) | ND (3.7) |
| 10 ft | 5.3 | ND (3.7) | ND (3.7) |

| LDB-2/3 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 0.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 2.5 ft | ND (3.7) | ND (3.7) | ND (3.7) |
| 5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 7.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 10 ft | 8.9 | 5.7 | ND (3.7) |

| LV-15 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 23 | ND (0.071) | 120 |
| 2.5 ft | ND (5) | - | 20 |
| 5 ft | ND (4.9) | ND (0.089) | ND (4.9) |
| 7.5 ft | ND (5.2) | - | ND (5.2) |
| 10 ft | ND (4.9) | ND (0.096) | ND (4.9) |

| LDB-4 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 0.5 ft | 6.6 | ND (3.7) | 9.1 |
| 2.5 ft | 8 | ND (3.7) | 15 |
| 5 ft | 5.3 | ND (3.7) | 5.8 |
| 7.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 10 ft | ND (3.7) | ND (3.7) | ND (3.7) |

| LDB-7 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 0.5 ft | 9.1 | ND (3.7) | 20 |
| 2.5 ft | ND (3.8) | ND (3.8) | 6.6 |
| 5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 7.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 10 ft | ND (3.8) | ND (3.8) | ND (3.8) |

| LV-18 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 9.7 | ND (0.091) | 120 |
| 2.5 ft | ND (4.9) | - | 46 |
| 5 ft | ND (5) | ND (0.089) | ND (5) |
| 7.5 ft | 6.9 | - | 8 |
| 10 ft | 7.1 | ND (0.083) | 9.8 |

| SB-25 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 2 ft | ND (10) | ND (10) | 16 |
| 5 ft | ND (10) | ND (10) | 9.7 |

| LDB-10 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 0.5 ft | 6.1 | ND (3.8) | 7.7 |
| 2.5 ft | ND (3.8) | ND (3.8) | - |
| 5 ft | ND (3.8) | ND (3.8) | 5.2 |
| 7.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 10 ft | ND (3.8) | ND (3.8) | ND (3.8) |

| LV-19 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 1 ft | 11 | ND (0.086) | 94 |
| 2.5 ft | 6 | - | 60 |
| 5 ft | ND (4.9) | ND (0.078) | 9.3 |
| 7.5 ft | 5.4 | - | 8.6 |
| 10 ft | 7.8 | ND (0.092) | 16 |

| LDB-9 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 0.5 ft | 27 | ND (7.7) | 79 |
| 2.5 ft | ND (3.8) | ND (3.8) | 11 |
| 5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 7.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 10 ft | ND (3.8) | ND (3.8) | ND (3.8) |

| LDB-6 | Diesel | Gasoline | Motor Oil |
|---|---|---|---|
| 0.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 2.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 7.5 ft | ND (3.8) | ND (3.8) | ND (3.8) |
| 10 ft | ND (3.8) | ND (3.8) | ND (3.8) |

## LEGEND

- SOIL BORING
- NOT DETECTED
- DETECTED BUT BELOW CRITERIA
- DETECTED ABOVE CRITERIA
- SITE BOUNDARY
- ADJACENT PROPERTY BOUNDARIES

## NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. RESULTS SHOWN IN MG/KG.
3. RESULTS IN RED ARE GREATER THAN THE FOLLOWING CRITERIA:
   - TPH-DIESEL: 1100 MG/KG -TPH-MOTOR OIL:79000 MG/KG
   - TPH-GASOLINE: 1900 MG/KG
4. ND (#) - NOT DETECTED ABOVE THE REPORTING LIMIT (SHOWN IN PARENTHESIS).
5. AERIAL IMAGERY SOURCE: NEARMAP, 9/12/23.
6. DATABOXES WITH LIGHT BLUE BACKGROUND SAMPLED IN 2024 BY HALEY & ALDRICH.

0 20 40 60 80
SCALE IN FEET

HALEY ALDRICH

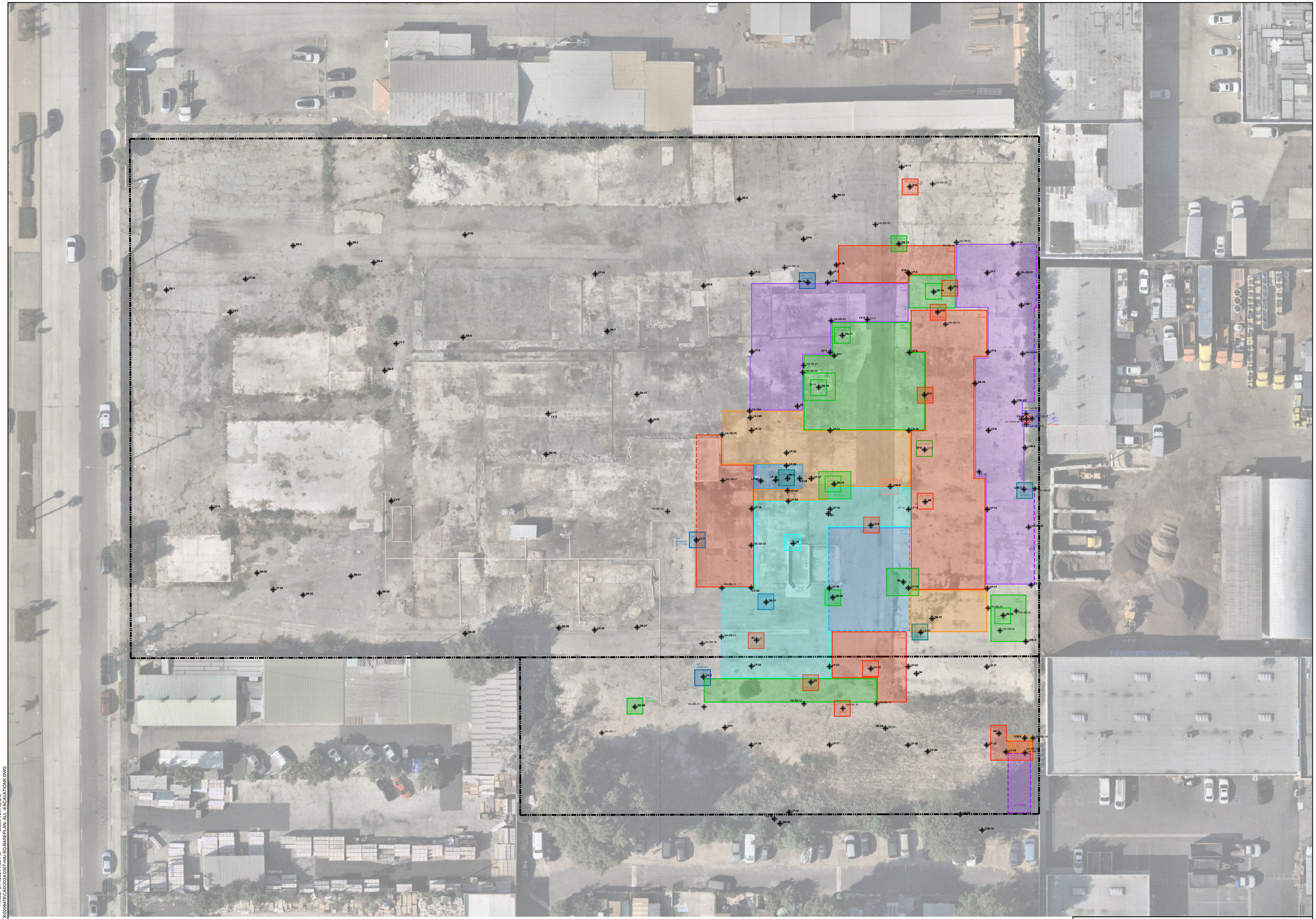
ROSEMEAD HOLDING LLC
2200-2600 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA

# SOIL ANALYTICAL RESULTS - TPH

SCALE: AS SHOWN
APRIL 2024

FIGURE 7

Printed: 3/11/2024 4:11 PM
Sheet: HA-FIG-E-L
Saved by: MASA
\\HALEYALDRICH.COM\SHARE\CP\PROJECTS\0209476\CAD\2024-0301-HA-SG-BASEPLAN-TPH.DWG




**LEGEND**

- SOIL BORING
- APPROXIMATE SITE BOUNDARY

**NOTES**

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 9/12/23.

**EXCAVATION DEPTH LEGEND**

- 1 FOOT
- 1.5 FEET
- 2 FEET
- 2.5 FEET
- 3 FEET
- 3.5 FEET
- 4 FEET
- 5 FEET
- 6 FEET
- 8.5 FEET
- DATA GAP

N

0 20 40 60 80

SCALE IN FEET

HALEY ALDRICH

ROSEMEAD HOLDING LLC
220 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA

# REMEDIAL EXCAVATION PLAN

SCALE: AS SHOWN
APRIL 2024

FIGURE 8

Saved by: SBURNS
\\HALEYALDRICH.COM\SHARE\CP\PROJECTS\020947\CAD\2024-0307-HA-SO-BASEPLAN- ALL -EXCAVATIONS.DWG
Printed: 3/11/2024 4:35 PM
Sheet: HA-FIG-EL

| SB-9 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 130 | 200 | 1.1 J |
| 15 ft | 87 | 390 | 0.48 J |

| HP-6 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | ND (25) | ND (25) | ND (13) |
| 15 ft | 240 | 310 | ND (13) |

| SB-13 | PCE | TCE |
|---|---|---|
| 5 ft | 290 | 1300 |
| 15 ft | 270 | 1700 |

| SB-2 | PCE | TCE |
|---|---|---|
| 5 ft | 68 | 50 |
| 15 ft | 29 J | 49 J |

| HP-5 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 60 | 40 | ND (13) |

| SB-10 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 200 | 1300 | 1.8 J |
| 15 ft | 250 | 2800 | 220 |

| SB-4 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 190 | 280 | 3 |
| 15 ft | 170 | 1300 | 56 |

| LV-1 | PCE | TCE | VC |
|---|---|---|---|
| 20 ft | 120 | 430 | ND (10) |
| 35 ft | 32 | 380 | ND (10) |

| LV-2 | PCE | TCE | VC |
|---|---|---|---|
| 20 ft | 140 | 350 | ND (10) |
| 35 ft | 120 | 340 | ND (10) |

| SB-14 | PCE | TCE |
|---|---|---|
| 5 ft | 360 | 820 |
| 15 ft | 120 | 1800 |

| LV-4 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 430 | 3800 | 14 |
| 14 ft | ND (16) | 10000 | 1000 |
| 35 ft | ND (16) | 31 | 2200 |

| HP-7 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | ND (25) | ND (25) | ND (13) |

| SB-5 | PCE | TCE |
|---|---|---|
| 5 ft | 350 | 150 |
| 15 ft | 460 | 460 |

| LV-3 | PCE | TCE | VC |
|---|---|---|---|
| 10 ft-2021 | 230 | 1500 | 380 |
| 10 ft-2023 | 170 | 500 | 90 |
| 15 ft | 230 | 1500 | 4700 |
| 35 ft | 400 | 270 | 6100 |

| SB-17 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 740 | 2400 | 570 |
| 15 ft | 120 | 190 | 7 |

| HP-15 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | ND (25) | ND (25) | ND (13) |
| 15 ft | ND (25) | ND (25) | ND (13) |

| SB-18 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 980 | 2200 | 580 |
| 15 ft | 3200 | 2500 | 7 |

| HP-13 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 110 | 110 | 110 |

| SB-16 | PCE | TCE |
|---|---|---|
| 5 ft | 110 | 600 |
| 15 ft | 100 J | 1200 |

| SB-15 | PCE | TCE |
|---|---|---|
| 5 ft | 230 | 87 J |
| 15 ft | 260 | 140 |

| LV-5 | PCE | TCE | VC |
|---|---|---|---|
| 20 ft-2021 | 1500 | 640 | ND (10) |
| 20 ft-2023 | 80 | 60 | ND (13) |
| 34 ft | 330 | 790 | ND (10) |

| LV-6 | PCE | TCE | VC |
|---|---|---|---|
| 20 ft | 710 | 580 | ND (10) |
| 35 ft | 88 | 840 | 22 |

| LV-7 | PCE | TCE | VC |
|---|---|---|---|
| 7 ft | 350 | 580 | ND (10) |
| 15 ft | 570 | 1400 | ND (10) |
| 15 ft-Rep | 630 | 1500 | ND (10) |
| 35 ft | 38 | 830 | 720 |

| LV-8 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 82 | 390 | 2200 |
| 15 ft | 44 | 1000 | 2500 |
| 35 ft | ND (16) | 170 | 1800 |

| SB-33 | PCE | TCE |
|---|---|---|
| 5 ft | 300 | 19 |
| 15 ft | 5100 | 980 |

| SB-30 | PCE | TCE |
|---|---|---|
| 5 ft | 1300 | 370 |
| 15 ft | 100000 | - |

| HP-14 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 170 | ND (25) | ND (13) |
| 15 ft | 810 | 80 | ND (13) |

| HP-1 | PCE | TCE | VC |
|---|---|---|---|
| 15 ft | 10000 | 1600 | 7.2 |
| 30 ft-2020 | 6900 | 2000 | 6 |
| 30 ft-2023 | 900 | 230 | ND (13) |
| 40 ft-2020 | 1400 | 1000 | 26 |
| 40 ft-2023 | ND (25) | ND (25) | ND (13) |

| HP-8 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 30 | ND (25) | ND (13) |
| 15 ft | 410 | 140 | ND (13) |

| SB-29 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 5500 | 1300 | - |
| 15 ft | 5200 J | 4500 J | 20000 |

| SB-27 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 390 | 2500 | 18 |
| 15 ft | 6900 | 5400 | 42 |

| SB-21 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 4000 | 6000 | 32000 |
| 15 ft | 820 | 590 J | 860 |

| HP-4 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft-Dup | 5900/850 | 2200/380 | 17000/6900 |
| 15 ft | 460 | 380 | 8200 |
| 30 ft-2020 | 50 | 30 | 150 |
| 30 ft-2023 | 93 | 160 | 610 |
| 40 ft-2023 | 160 | 220 | 330 |
| 40 ft-8/28/23 | 300 | 230 | 11000 |
| 40 ft-4/10/23 | 40 | 140 | ND (13) |
| 40 ft-4/13/23 | 30 | 180 | 40 |
| 40 ft-4/13/23Dup | 50 | 250 | 94 |
| 40 ft-9/25/20 | 190 | 170 | 670 |

| SB-25 | TCE |
|---|---|
| 5 ft | 330 J |
| 15 ft | 100 J |

| SB-22 | PCE | TCE |
|---|---|---|
| 5 ft | 33 | 320 J |
| 15 ft | 330 | 2100 |

| SB-23 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 59 | 22 | |
| 15 ft | 360 | 420 | 11 |

| HP-2 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 16000 | 3600 | 18 |
| 15 ft | 30000 | 7900 | 24 |
| 30 ft-2020 | 25000 | 8600 | 28 |
| 30 ft-2023 | 6500 | 1300 | ND (13) |
| 40 ft-2020 | 7400 | 6500 | 19 |
| 40 ft-2023 | 530 | 90 | ND (13) |

| HP-9 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 13000 | 350 | ND (13) |
| 15 ft | 98000 | 2000 | ND (10) |

| SB-28 | PCE | TCE |
|---|---|---|
| 5 ft | 2200 | 800 |
| 15 ft | 32000 | 8300 |

| LV-9 | PCE | TCE | VC |
|---|---|---|---|
| 6 ft | 3500 | 530 | ND (10) |
| 6 ft-Rep | 4100 | 640 | ND (10) |
| 15 ft | 6800 | 2900 | ND (10) |
| 35 ft | ND (16) | 600 | 52 |

| LV-10 | PCE | TCE | VC |
|---|---|---|---|
| 6 ft | 6000 | 210 | ND (10) |
| 15 ft | 2300 | 330 | ND (10) |
| 35 ft | 250 | 550 | ND (10) |

| HP-12 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 210 | ND (25) | ND (13) |
| 15 ft | 150 | ND (25) | ND (13) |

| HP-3 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 10000 | 1500 | ND (2.3) |
| 15 ft | 11000 | 3000 | ND (2.3) |
| 30 ft-2020 | 6300 | 2800 | ND (2.3) |
| 30 ft-2023 | ND (25) | ND (25) | ND (13) |
| 40 ft-2020 | 5900 | 3700 | 7.8 |
| 40 ft-2023 | 4800 | 1300 | ND (13) |

| SB-24 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 580 | 20 | 2 J |
| 15 ft | 880 | 120 | 4.1 J |

| HP-10 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 970 | 50 | ND (13) |
| 15 ft | 1400 | 160 | ND (13) |

| SB-26 | PCE | TCE |
|---|---|---|
| 5 ft | 10000 | 1000 |
| 15 ft | 81000 | 8500 |

| HP-11 | PCE | TCE | VC |
|---|---|---|---|
| 5 ft | 80 | ND (25) | ND (13) |
| 15 ft | 150 | ND (25) | ND (13) |
| 15 ft-Dup | 150 | ND (25) | ND (13) |

| SB-25 | PCE | TCE |
|---|---|---|
| 5 ft | 150 | 6.9 |
| 15 ft | 680 | 71 |

SVE SYSTEM COMPOUND

SB-9 SB-13 SB-2 HP-5 HP-6 SB-4 SB-10 SB-5 LV-1 LV-2 SB-14 LV-4 HP-15 HP-7 SB-17 SB-15 LV-3 HP-13 SB-16 SB-18 SB-33 SB-30 LV-5 LV-6 LV-7 LV-8 HP-14 HP-1 HP-8 SVE-3 SVE-4 SVE-5 SVE-6 SVE-2 SB-29 SB-27 SB-21 HP-4 SB-20 SB-25 SB-22 SB-23 HP-2 SB-28 SVE-1 LV-9 LV-10 HP-12 HP-9 SB-26 HP-3 SB-24 HP-10 HP-11 SB-26 SB-25

## LEGEND

- SOIL VAPOR LOCATION
- SVE LOCATION
- RADIUS OF INFLUENCE
- SITE BOUNDARY
- ADJACENT PROPERTY BOUNDARIES

## NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 9/12/23.
3. RESULTS SHOWN IN UG/M3.
4. ND - NOT DETECTED ABOVE REPORTING LIMIT
5. TCE - TRICHLOROETHENE
   PCE - TETRACHLOETHENE
   VC - VINYL CHLORIDE

N

0 20 40 60 80

SCALE IN FEET

HALEY ALDRICH

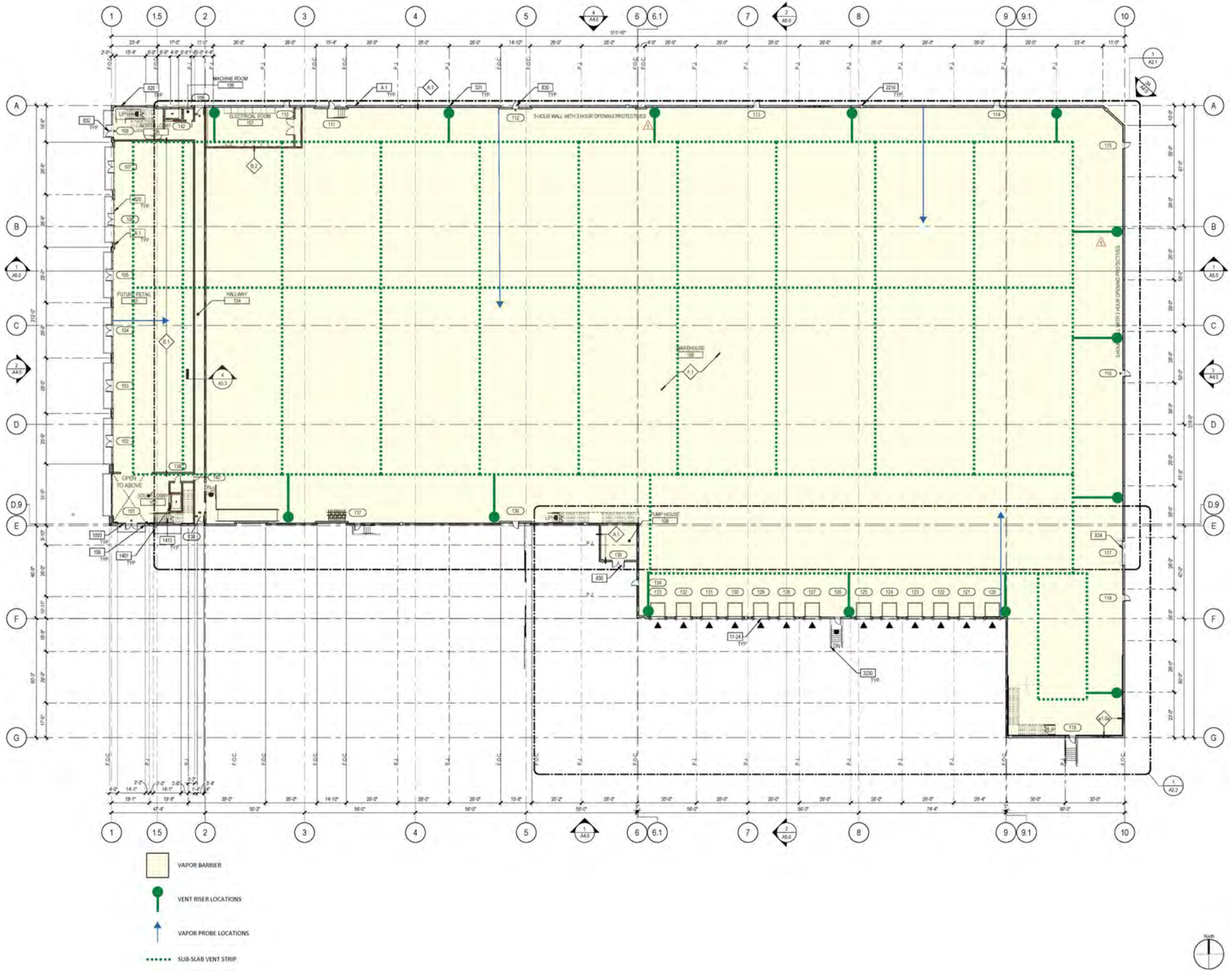
ROSEMEAD HOLDING LLC
2200-2260 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA

# SOIL VAPOR ANALYTICAL RESULTS - VOCs

SCALE: AS SHOWN
APRIL 2024

FIGURE 9

Saved by: MASA
I:\HALEYALDRICH.COM\SHARE\CF\PROJECTS\202\094716\CAD\2024-0308-HALSV-DATABOX.DWG
Printed: 3/11/2024 3:31 PM
Sheet: HA-FIG-E-L




**NOTES**

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. SITE PLAN SOURCE: AO, XEBEC BUILDING COMPANY 2023

## FLOOR GENERAL NOTES

1. ALL EXITS SHALL HAVE EXIT SIGNS AND ALL BLIND CORRIDOR TURNS SHALL HAVE DIRECTIONAL EXIT SIGNS.
2. REFER NOTE PLUMBING, CIVIL, AND SITE PLANS FOR SIZE AND ROUTING OF ROOF DRAINAGE CONNECTION TO UNDERGROUND STORM DRAIN OR JOIN TO DOWNSPOUT AS SHOWN.
3. PROVIDE SOUND INSULATION AT PERIMETER WALLS OF RESTROOMS, LOBBY, AND ADDRESS CEILING OF REST ROOMS TO CREATE AN ACOUSTIC ENVELOPE.
4. ALL ENCLOSED PORTIONS OF BUILDINGS CUSTOMARILY OCCUPIED BY HUMAN BEINGS SHALL BE PROVIDED WITH NATURAL VENTILATION BY MEANS OF OPENABLE EXTERIOR OPENINGS WITH AN AREA NOT LESS THAN 5.0% OF THE TOTAL FLOOR AREA OR SHALL BE PROVIDED WITH A MECHANICALLY OPERATED VENTILATION SYSTEM. (CBC SECTION 1203.2.1.)
5. ALL DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF FRAMING, OR CENTERLINE OF GRID UNLESS NOTED OTHERWISE.
6. FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE, UNLESS NOTED OTHERWISE.
7. THE GENERAL CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A CLEAN AND ORDERLY CONDITION, FREE OF DEBRIS AND LITTER, UPON COMPLETION. ALL CONTRACTORS SHALL REMOVE THEIR TRASH AND DEBRIS FROM THE PREMISES. ALL AREAS TO BE BROOM CLEANED.
8. ALL CONDUIT PIPING, IN ELECTRICAL ROOM TO BE CONCEALED WITHIN THE WALL CONSTRUCTION WHERE ELECTRICAL, MECHANICAL, AND/OR PLUMBING ITEMS, SUCH AS LIGHTS, DUCTS, PIPING, DOWNSPOUTS, ETC. ARE SHOWN TO PENETRATE OR CONFLICT WITH ANY BUILDING FOOTINGS, SLABS, FLOORS, STRUCTURAL FRAMING, WALL PARTITIONS, CEILINGS, ETC., IT IS REQUIRED THAT AN APPROPRIATELY SIZED OPENING OR CLEARANCE BE FURNISHED. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL ITEMS WITH THE CONSTRUCTION DOCUMENTS PRIOR TO THE INSTALLATION. ANY CONFLICT OR DISCREPANCY SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR CLARIFICATION.
9. DOOR OPENING IN PARTITIONS NOT DIMENSIONED ARE TO BE LOCATED WITHIN 4" OF ADJACENT PERPENDICULAR PARTITION. PROVIDE 18" CLEAR AT STRIKE SIDE OF INTERIOR DOORS AND 24" CLEAR AT EXTERIOR DOORS.
10. ALL INTERIOR PARTITIONS SHALL BE TAPED AND SANDED SMOOTH TO RECEIVE PAINT OR WALL FINISH MATERIAL.
11. USE WATER RESISTANT GYPSUM BOARD AT ALL AREAS SUBJECT TO MOISTURE OR WHERE TILE IS USED.
12. FURNISH AND INSTALL 16 GAUGE GALVANIZED METAL WALL BACKING AT BOTH IN MILLWORK LAVATORIES, DOOR STOPS, HANGING WALL EQUIPMENT, ETC. VERIFY EXACT BACKING LOCATIONS PRIOR TO INSTALLATION.
13. FIELD MEASURE AS REQUIRED FOR ALL GLAZING AND MILLWORK PRIOR TO FABRICATION.
14. ALL HOT WATER LINES SHALL BE PROPERLY INSULATED. SEE PLUMBING DRAWINGS.
15. CONTRACTOR SHALL VERIFY SIZES AND LOCATION OF DUCT OPENINGS AND PLUMBING RUNS WITH MECHANICAL SUB-CONTRACTOR BEFORE FRAMING OPENINGS IN WALLS, FLOORS, ROOF, ETC.
16. PROVIDE AND LOCATE ACCESS DOORS AND PANELS IN THE WALL AND CEILING CONSTRUCTION AS REQUIRED TO PROVIDE ACCESS TO MECHANICAL, FIRE SPRINKLER, PLUMBING AND ELECTRICAL WORK. THE CONTRACTOR SHALL SUBMIT A PLAN OF ALL PROPOSED LOCATIONS TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
17. PROVIDE AND INSTALL SUPPLEMENTS, BRACING, BACK UP PLATES AND/OR SUPPORTING BRACKETS AS REQUIRED FOR THE INSTALLATION OF WALL MOUNTED OR SUSPENDED MECHANICAL, ELECTRICAL AND / MISCELLANEOUS EQUIPMENT.
18. P.J. = PANEL JOINT
19. F.O.C. = FACE OF CONCRETE.
20. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED AND MAINTAINED AT SUCH LOCATIONS AS REQUIRED BY CFC CHAPTER 9, SECTION 906. NOTE: THE FINAL NUMBER AND LOCATION OF ALL FIRE EXTINGUISHERS SHALL BE DETERMINED BY THE DISTRICT FIRE INSPECTOR.
21. THE MEANS OF EGRESS TRAVEL, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED WITH A LIGHT INTENSITY OF NOT LESS THAN 1 FT-CANDLE AT THE WALKING SURFACE AS REQUIRED BY CBC CHAPTER 10, SECTIONS 1008.1 AND 1008.3.4.
22. IN THE EVENT OF A POWER SUPPLY FAILURE, AND EMERGENCY ELECTRICAL SYSTEM SHALL ILLUMINATE EXIT SIGNS FOR A DURATION OF NOT LESS THAN 90 MINUTES IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN CBC CHAPTER 10, SECTION 1011.6.3.
23. APPROVED EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL AS REQUIRED BY CALIFORNIA BUILDING CODE 1013.1, AND SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED AS REQ. BY SECTION 1013.6 IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN SECTIONS 1013.5 AND NOTE. ADDITIONAL EXIT SIGNS MAY BE REQUIRED AT TIME OF FIELD INSPECTION.
25. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. CBC 1010.1.9

## KEYNOTES

11-24
- 109 RECESSED KNOX BOX FOR FIRE DEPARTMENT ACCESS
- 321 CONC PANEL JOINT. SEE DETAIL 2/A6.3
- 820 ALUMINUM STOREFRONT SYSTEM.
- 830 DOOR PER PLAN AND DOOR SCHEDULE.
- 832 1-4" GLAZING IN ALUMINUM STOREFRONT DOOR 60" DEEP LANDING AT DOOR PER ADA, CBC, AND TITLE 24- SEE DOOR SCHEDULE , REFER TO LEGEND FOR GLAZING SPECIFICATION.
- 834 OVERHEAD ROLLUP DOOR PER PLAN AND DOOR SCHEDULE.
- 1003 ACCESSIBLE ENTRY SIGN - SEE DETAIL 2/A/AT.7
- 1401 ELEVATOR DOOR PER ELEVATOR MANUF.
- 1413 STEEL STAIR AND STRINGER SEE DETAIL 11.12 AND 13./A9.5
- 2216 EXTERIOR DOWNSPOUT AND OVERFLOW SCUPPER. SEE DETAIL 19.20., 25./A6.1
- 3230 SITE BOLLARD: 5" DIAMETER CONC. FILLED STEEL PIPE. PROVIDE WELDED WATER-TIGHT CAP. PRIME AND PAINT WITH DL 2 COATS YELLOW HIGHWAY PAINT SEE DETAIL 12/A1.2

## SYMBOLS LEGEND

- A/B RATED WALLS
- 1 HR RTED WALLS
- FLOOR ELEVATION CHANGE
- GENERAL DIRECTION OF SLOPE
- ASSEMBLY TYPE

## ASSEMBLIES

* SEE SHEETS A1.4 FOR COMPLETE ASSEMBLY INFORMATION AND DETAILS. ** SEE RCP FOR WALL TYPES THAT OCCUR ABOVE THE CEILINGS

- A.1 N.R. EXTERIOR CONC. WALL: 9 1/4" STEEL REINFORCED TILT UP CONCRETE WALL. PER STRUCTURAL
- B.1 N.R. INTERIOR WALL: 6" FULL HEIGHT METAL STUD FRAMING WITH CONT SOUND ATTENUATION BATT INSULATION. PROVIDE 1-LAYER OF CONT. FULL HEIGHT 5/8" GYPSUM WALLBOARD FROM THE FLOOR TO UNDERSIDE OF STRUCTURE ABOVE BOTH SIDES.
- B.2 1-HR INTERIOR METAL STUD WALL: 6" FULL HEIGHT METAL STUD FRAMING, PROVIDE 1-LAYERS OF CONT. 5/8" TYPE X GYP. BD. EACH SIDE INSTALL PER UL DESIGN NO U465 - REFER TO TYP DETAIL 2 ON SHEET AT.8
- F.1 SLAB ON GRADE: 6" STEEL REINFORCED CONCRETE SLAB PER STRUCTURAL INSTALLED OVER FOUNDATION SUBGRADE PER CIVIL ENGINEERING DRAWINGS & GEOTECHNICAL REPORT REQUIREMENTS. PROVIDE MIN. 10 MIL FOUNDATION VAPOR BARRIER AT OFFICE AREAS.
- w1.0a N.R. INTERIOR WALL: 4" FULL HEIGHT METAL STUD FRAMING WITH CONT 5/8" TYPE X GYP. BD. SHEATHING ONE SIDE. PROVIDE GYP. BD. FROM THE FLOOR TO UNDERSIDE OF STRUCTURE ABOVE.

HALEY ALDRICH

ROSEMEAD HOLDING LLC
2200-2226 N. ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA

# SITE PLAN SHOWING PROPOSED DEVELOPMENT PLAN AND VIMS

SCALE: NOT TO SCALE
APRIL 2024

FIGURE 10

GIS FILE PATH: \\haleyaldrich.com\share\CR\Projects\0209476\GIS\209476_SOUTH_EL_MONTE.aprx - USER: ayabu - LAST SAVED: 3/1/2024 1:15 PM

# APPENDIX A
# Response to LARWQCB Comments

**REVIEW OF SITE ASSESSMENT DATA; CONCURRENCE ON THE ONGOING SOIL VAPOR EXTRACTION FOR SOIL CLEANUP; AND REQUIREMENTS FOR SOIL AND WASTE MANAGEMENT PLAN FOR SITE REDEVELOPMENT ACTIVITIES AND WORKPLAN FOR DELINEATION OF SOIL, SOIL VAPOR AND GROUNDWATER PLUMES**

FORMER PACIFIC DRUM COMPANY (ROSEMEAD HOLDING LLC)
2200-2226 N. ROSEMEAD BLVD
SOUTH EL MONTE, CALIFORNIA
(WIP NO. 107.0266, SITE ID NO. 2040647)

| LARWQCB COMMENTS AND REQUIREMENTS, DATED AUGUST 17, 2022 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| 1. It is the Los Angeles Water Board's understanding that the Site is planned for re-development. To properly manage impacted soil and other waste to be generated during Site re-development and to protect human health and groundwater quality, a soil and waste management plan (SWMP) must be submitted to the Los Angeles Water Board for review and approval before the re-development activities begin. The SWMP shall include, but not be limited to:<br><br>a. A plan for impacted soil, concrete, and other waste excavation, segregation, handling, disposal, and ambient air monitoring. Areas with levels of contaminants in soil above regulatory screening levels (such as VOCs at the Site) must be identified and appropriate soil management measures must be proposed. If the stockpiled soil is planned to be reused on-site or soil is planned to be imported to the Site, the soil shall be analyzed for all contaminants of concern (COCs) according to the Department of Toxic Substances Control (DTSC) Information Advisory Clean Imported Fill Material:<br><br>b. A plan for addressing impacted soil encountered during the grading and construction activities including delineation, excavation, confirmation soil sampling, and disposal of excavated soil;<br><br>c. If, during the Site re-development activities, you encounter any subsurface infrastructures, including, but not limited to, underground storage tank (USTs), clarifiers and/or sumps, the subsurface infrastructures must be removed and/or abandoned in place properly under the oversight of a | A Soil Contingency and Management Plan for Rosemead Holding LLC – Phase I Development was prepared by Leighton Consulting, Inc. and submitted to the LARWQCB on 18 November 2022. The Soil Contingency and Management Plan addresses comment 1a through 1d.<br><br>For comment 1e, as indicated in the 17 November 2022 Limited Soil Investigation Work Plan, prepared by Leighton Consulting, Inc., a VI mitigation plan will be submitted at a later data and will be developed based on the results of the ongoing soil vapor extraction (SVE) activities.<br><br>A VI mitigation plan including conceptual mitigation measures and a monitoring plan that manages potential subsurface soil vapor VOC exposure in future buildings via the vapor intrusion pathway will be included in an addendum to the 25 April 2023 Limited Soil Remediation Work Plan for the Eastern Portion of 2200 North Rosemead Boulevard, South El Monte, CA. Building-specific design and operation, maintenance and monitoring program will be developed and submitted under a separate report. |

| LARWQCB COMMENTS AND REQUIREMENTS, DATED AUGUST 17, 2022 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| regulatory agency. The SWMP must propose how excavated soil and/or waste resulted from the removal of the subsurface structures will be managed and confirmation soil sampling after the abandonment of the subsurface structures;<br><br>d. Outline all the required permits needed from local and other agencies for the excavation, removal, handling, and disposal of the excavated soil and/or waste.<br><br>e. A Vapor intrusion (VI) mitigation plan that includes a VI Conceptual Site Model (CSM) and building-specific conditions (describing such parameters as vapor source characteristics, building slab and sub-slab configuration, building pressure and ventilation, and building design), description of VI mitigation technologies (such as sub-slab depressurization and/or ventilation systems and vapor barriers), performance monitoring programs for the proposed VI mitigation technology(ies) involving diagnostic testing and periodic monitoring such as indoor air sampling and analysis, vacuum monitoring at suction points, flow velocity measurements in vent pipes, visual inspections, and effluent concentrations and stack discharge monitoring, long-term stewardship of the system, and communication with stakeholders (such as building occupants and the Los Angeles Water Board through notices and periodic reporting);<br><br>The VI mitigation plan can be prepared in accordance with the San Francisco Regional Water Quality Control Board *Vapor Intrusion Mitigation Guidance*, June 2022, which can be found at: | |

| LARWQCB COMMENTS AND REQUIREMENTS, DATED AUGUST 17, 2022 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| https://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/sitecleanup/2022_VIM_Guidance.pdf | |
| 2. Prepare and submit a site assessment workplan by November 17, 2022, to complete the delineation of the onsite and offsite extent of PCBs, TPH, VOCs, and metals in soil, soil gas, and groundwater laterally and vertically. The workplan shall address the following:<br><br>a. A description of the proposed soil and soil gas sampling procedures and the proposed sampling locations on an accurately scaled Site map.<br>b. All areas of concern (AOCs) must be identified on a scaled Site map.<br>c. The workplan must propose additional soil boring and soil vapor probes at step-out locations to complete delineation of the onsite and offsite extent of PCBs, VOCs, metals and TPH in soil and soil vapor.<br>d. The existing groundwater monitoring wells are found to be dry. Therefore, deeper replacement wells must be proposed for continuing assessment of groundwater and delineation of Site contaminants in the groundwater onsite and offsite, if necessary. At least three groundwater monitoring wells must be proposed initially to determine and characterize the groundwater flow direction, and more wells can be added to the | The Limited Soil Investigation Work Plan, prepared by Leighton Consulting, Inc. was submitted to the LARWQCB on 17 November 2022 to address LARWQCB's request for delineation of the onsite extent of metals, PCBs, VOCs and TPH in soil at the Former Pacific Drum Company (Rosemead Holding LLC) Site.<br><br>The Workplan Addendum – Groundwater Monitoring Well Installation, Development, and Sampling Activities was prepared by EEC Environmental and submitted to the LARWQCB on December 22, 2022 in accordance LARWQCB's comment 2d. |

| LARWQCB COMMENTS AND REQUIREMENTS, DATED AUGUST 17, 2022 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| monitoring well network for delineation.<br><br>The Workplan may be prepared in accordance with the guidance documents that can be found at the following links:<br><br>Advisory – Active Soil Gas Investigations (July 2015)<br>https://www.dtsc.ca.gov/SiteCleanup/upload/VI_ActiveSoilGasAdvisory_FINAL.pdf<br><br>DTSC and State Water Resources' Draft Supplemental Guidance for Screening and Evaluation Vapor Intrusion dated (February 2020):<br>https://dtsc.ca.gov/wp-content/uploads/sites/31/2020/02/Public-Draft-Supplemental-VI-Guidance_2020-02-14.pdf<br><br>The Department of Toxic and Substances Control's (DTSC) Preliminary Endangerment Assessment Guidance Manual – Revised October 2015; January 1994<br><br>https://dtsc.ca.gov/2020/04/17/document-request/?wpf337186_14=https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/01/PEA_Guidance_Manual.pdf | |

<table>
<tr><th>LARWQCB COMMENTS AND REQUIREMENTS,<br>DATED AUGUST 17, 2022</th><th>HALEY & ALDRICH, INC. RESPONSE</th></tr>
<tr><td>3. The Los Angeles Water Board staff concurs on the ongoing SVE operation for soil cleanup. However, quarterly remedial progress reports must be prepared and submitted in accordance with the following schedule during the operation of the system:<br><br><table><tr><th>Monitoring Period</th><th>Report Due Date</th></tr><tr><td>January 1- March 31</td><td>April 30th</td></tr><tr><td>April 1- June 30</td><td>July 31st</td></tr><tr><td>July 1- September 30</td><td>October 31st</td></tr><tr><td>October 1- December 31</td><td>January 31st</td></tr></table><br>The quarterly remedial progress reports should, at a minimum, include:<br><br>a. Summary of background on the Site and discussion on the operation of the SVE system during the reporting period;<br><br>b. Data summary tables tabulating the operational and performance parameters of the SVE system; and<br><br>c. Figures showing the Site and the SVE wells with copies of weekly inspection sheets, laboratory analytical reports with chain of custody documents, waste manifests, and other relevant documents.</td><td>Beginning in April 2022, EEC installed six dual-nested SVE wells and a SVE remediation system at the Site. The first quarterly remedial progress report, dated 31 October 2022, was submitted to the LARWQCB for review. As reported in the 4Q2022 Remedial Progress Report, dated 31 January, 2023, the SVE system was shut down on 8 December 2022 in preparation for an upcoming Site wide soil vapor sampling event scheduled for the first quarter of 2023.</td></tr>
</table>

| LARWQCB COMMENTS AND REQUIREMENTS, DATED AUGUST 17, 2022 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| 2. The SVE system should be operated until the system reaches asymptotic levels, instead of for the proposed six months, to remove as much VOC mass as possible. A request/recommendation must be submitted in writing to the Los Angeles Water Board staff, justifying the need for a rebound testing once the SVE system reaches asymptotic levels, and the testing must be approved. Los Angeles Water Board staff may require a rebound testing work plan. | See response to Comment #3 above. |
| 3. The Los Angeles Water Board may require optimization of the SVE system during the operation of the system to enhance VOC mass removal, focus on less treated areas, and continue operation of the system for mass removal. | See response to Comment #3 above. |
| 4. Before operation of the SVE system is terminated, a request/recommendation must be submitted to Los Angeles Water Board staff, justifying the need for termination of the SVE operation, and an approval must be obtained for system shutdown. Los Angeles Water Board staff may require a confirmation soil and soil vapor sampling work plan before approving the request for system shutdown. | See response to Comment #3 above. |

| LARWQCB COMMENTS AND REQUIREMENTS, DATED AUGUST 17, 2022 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| | |
| 5. The State Water Resource Control Board (State Water Board) adopted Resolution No.92-49, the Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304 (Resolution 92- 49). Resolution 92-49 sets policies and procedures to be used during investigation or cleanup of contaminated sites and requires cleanup levels to be consistent with State Water Board Resolution 68-16, the Statement of Policy with Respect to Maintaining High Quality of Waters in California. Resolution 92-49 and the Water Quality Control Plan Los Angeles Region – Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties (Basin Plan), establish the cleanup levels to be achieved. Resolution 92-49 requires the waste to be cleaned up to background, or if that is not reasonable, to an alternative level that is the most stringent level that is economically and technologically feasible. | Comment noted. |
| 6. Prior to occupation of any new structures, baseline indoor air sampling involving at least two rounds of sampling is required to account for seasonal fluctuation of contaminants in the indoor air. | Comment noted. |

| OEHHA COMMENTS DATED JULY 12, 2023 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| **Chemical of Potential Concern (COPCs)**<br><br>Environmental assessments indicated the presence of metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons (TPH) , and volatile organic compounds (VOCs) in soil. COPCs are organic compounds detected in soil at concentrations above laboratory reporting limits and inorganic compounds detected at concentrations exceeding both background levels and screening levels. OEHHA does not recommend comparisons with screening levels as a basis for exclusion of chemicals as COPCs.<br><br>The only elements selected in soil as COPCs were antimony, arsenic, hexavalent chromium (Cr+6), cobalt, lead, and molybdenum. In addition to these, barium, cadmium, chromium, copper, mercury, nickel, silver, and zinc also exceeded background levels and should be evaluated as COPCs. | Comment noted. Barium, cadmium, chromium, copper, mercury, nickel, silver, and zinc along with antimony, arsenic, hexavalent chromium (Cr+6), cobalt, lead, and molybdenum shall be evaluated as soil COPCs in an updated health risk screening evaluation that will be included in an addendum to the Limited Soil Remediation Work Plan. |
| **Exposure Concentrations (EPCs)**<br><br>For arsenic and molybdenum, all Arochlors, and TPH-g, the reported 95% upper confidence limits (UCLs) are less than the mean concentrations for detects. | Comment noted. |
| **Conceptual Site Model**<br><br>Leighton evaluated soil exposure and associated risks and hazards to onsite outdoor workers and onsite construction workers. Soil gas exposure was not evaluated. | Comment noted. An evaluation of soil gas exposure will be included in an updated health risk screening evaluation that will be included in an addendum to the Limit Soil Remediation Work Plan. |

**Soil Risk Assessment**

Leighton

In their baseline soil risk assessment, Leighton used the UCL as the exposure concentration when it could be calculated, otherwise the maximum detected concentration. Exposure parameters were standard values from HHRA Note 1 (DTSC, 2019a) except that the exposure duration for the construction worker was 91 days rather than the usual 1 year, resulting in a four-fold reduction in risk. No site-specific basis for this departure from standard exposure parameters was provided. This

The calculated risk for outdoor workers exposed to contaminants in soil and dust through the ingestion, dermal, and inhalation pathways was 2E-5, exceeding the benchmark of 1E-5. The calculated risk for construction workers exposed to contaminants in soil and dust through these pathways was 1E-5, equaling the benchmark of 1E-5. The risk driver identified in soil was Cr+6. Although not widely dispersed throughout the site, Cr+6 contributed 97% and 67% of the estimated cancer risk for construction workers and outdoor workers, respectively. The hazard index (HI) for construction workers exceeded the benchmark of 1. The lead UCL was 1443 mg/kg, exceeding the DTSC screening level of 500 mg/kg.

Table 1: Leighton Risk and Hazard Estimates

| Exposure Scenarios | Estimated Risk | Estimated HI |
|---|---|---|
| Construction Worker | 1E-5 | 2 |
| Outdoor Worker | 2E-5 | 0.6 |

Table Notes: Risk estimates are presented in scientific notation. For example, a cancer risk of 1 in a million (0.000001) is written as 1E-6. HI is the estimated hazard index.

Comment noted.

OEHHA

To calculate cumulative risk and hazard for chemicals in soil, OEHHA used the equations from DTSC's Preliminary Endangerment Assessment Manual (DTSC 2015, Section 2.5). Values for exposure parameters were taken from DTSC's HERO Note 1 (DTSC 2019a) and toxicity values were from Note 10 (DTSC 2019b). This was done for all metals detected, except lead. Exposure concentrations were the UCLs. OEHHA entered the petroleum hydrocarbon data as TPH gasoline, TPH diesel, and TPH motor oil, rather than converting these values to assumed fractions. OEHHA's results differed from Leighton's results, as shown in Table 2:

Table 2: OEHHA's Partial Risk and Hazard Estimates

| Exposure Scenarios | Estimated Risk | Estimated HI |
|---|---|---|
| Construction Worker | 3.4E-6 | 6.8 |
| Outdoor Worker | 2.3E-5 | 1.9 |

Table Notes: Risk estimates are presented in scientific notation. For example, a cancer risk of 1 in a million (0.000001) is written as 1E-6. HI is the estimated hazard index. The modifier "partial" is in the title to indicate that some COPCs were omitted due to lack of statistical analysis.

OEHHA Both Leighton and OEHHA predicted construction worker risks below 1E-5 and outdoor worker risks exceeding 1E-5. Both Leighton and OEHHA predicted HIs above 1 for construction workers. OEHHA's HI for outdoor workers exceeded 1. Risk drivers were arsenic, Arochlor 1248, tetrachloroethene, and naphthalene. OEHHA did not assess the metals that were rejected as COPCs because no statistics were supplied for these metals. Risk and hazard estimates would be higher if all the metals that were detected above background were included.

| OEHHA COMMENTS DATED JULY 12, 2023 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| **Risk-based Concentrations (RBCs)**<br><br>Leighton's Table 13 lists RBCs five metals five Arochlors, and six TPH ranges plus a background-based goal for arsenic. OEHHA has the following comments:<br>• OEHHA agrees that the RBCs for antimony, cobalt, hexavalent chromium, molybdenum, and the Arochlors yield risk estimates of 1E-5 or hazard quotients (HQs) of 1 when used as EPCs in a one-at-a-time forward calculation. But see comment below regarding additivity.<br>• The TPH RBCs yield HQs ranging from 0.41 to 1200. Only the RBC for TPH aliphatic high is less than 1.<br>• The construction worker risk estimates at the RBCs meet the target of 1E-5 only because of the shorter-than-usual exposure duration. If the standard exposure duration is used the RBC for hexavalent chromium would be 21 mg/kg.<br>• The Work Plan does not state what exposure metric (e.g. UCL or maximum) will be compared to the RBCs. This should be discussed with the Water Board.<br>• Since the RBC for arsenic (10.63 mg/kg) is based on the 95th percentile of background, the 95th percentile of current and post-remedial arsenic concentrations should be the metric to be compared to the clean-up goal for comparison, not the UCL. | Comment noted for all bullets listed in comment. |

| OEHHA COMMENTS DATED JULY 12, 2023 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| • The RBCs should be applied in an additive manner, i.e., the ratios of the exposure concentrations to the respective RBCs for all carcinogens and other chemicals that may act in an additive manner should be added and the total compared to 1 (unity). An example follows:<br>o Risk index = EPCa/RBCa + EPCb/RBCb + EPCn/RBCn<br>o Risk index should be less than or equal to 1.<br>o Hazard index = EPCa/RBCa + EPCb/RBCb + EPCn/RBCn<br>o Hazard index should be less than or equal to 1.<br>• Lead is considered separately; it may be compared directly to the DTSC (2022) screening level of 500 mg/kg.<br>• Verification of post-remedial risk and hazards should be conducted in a manner similar to baseline risk assessment, i.e., the assessment should include all chemicals remaining on-site, not just those that were COPCs. Risk should be the cumulative risk from remaining concentrations of all carcinogens. The hazard index should be the combined HQs of all compounds that have the same target organ or the same mechanism of action. | |
| **Risk Management**<br>The request notes that the USEPA lead RSL for protection of groundwater is 14 mg/kg, lower than the San Francisco Bay Regional Water Quality Control Board's 320 mg/kg Environmental Screening Level (ESL, SFBRWQCB, 2019) for direct exposure to soil for protection | Comment noted. |

| OEHHA COMMENTS DATED JULY 12, 2023 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| of human health. OEHHA defers to the Los Angeles Regional Water Quality Control Board regarding protection of groundwater. Leighton proposes to remove contaminated soil until the lead UCL concentration is 500 mg/kg or less. OEHHA agrees with this approach.<br><br>Leighton discusses risk management in Section 7.0 of Appendix B. OEHHA defers to the Los Angeles Regional Water Quality Control Board regarding risk management. | |
| **Conclusions**<br>• OEHHA cannot support Leighton's baseline risk assessment because it does not include all metals that were detected above background. Risk and hazard estimates would be higher if all the metals that were detected above background were included.<br>• RBCs will be needed for all metals detected above background. DTSC (2022) Note 3 screening levels may be used.<br>• Leighton should provide the basis for the reduced exposure duration for construction workers if this value is to be used in the verification assessment.<br>• OEHHA cannot support Leighton's RBCs for TPH.<br>• RBCs should be employed in an additive manner as noted above.<br>• Verification of post-remedial risk and hazards should include all remaining chemicals, not just those that were COPCs and should be based on cumulative risk and hazard indices. | An updated health risk screening evaluation that will be included in an addendum to the Limit Soil Remediation Work Plan and will address these comments as follows:<br>• All metals detected above background will be included as COPCs in the risk evaluation.<br>• RBCs will be developed for all metals above background.<br>• The basis for the reduced exposure duration for the construction worker will be provided.<br>• TPH will be evaluated as a mixture (i.e., TPH as gasoline, diesel, and motor oil) and RBCs will be developed for TPH as a mixture.<br>• It will be clarified that RBCs will be employed in an additive manner.<br>• It will be clarified that verification of post-remedial risk and hazards will include all remaining chemicals and will be based on cumulative risks and hazard indices. |

**RESPONSE TO LARWQCB COMMENTS**
**ADDITIONAL COMMENTS ON LIMITED SOIL REMEDIATION WORK PLAN**
**FOR THE EASTERN PORTION OF PACIFIC COAST DRUM COMPANY SITE**
FORMER PACIFIC DRUM COMPANY (ROSEMEAD HOLDING LLC)
2200-2226 N. ROSEMEAD BLVD
SOUTH EL MONTE, CALIFORNIA
(WIP NO. 107.0266, SITE ID NO. 2040647)

| LARWQCB COMMENTS<br>UN-DATED | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| 1. We concur with OEHHA that contaminants should not be excluded from the COPC list just based on screening levels. For example, VOCs were detected in soil in the eastern portion of the site, but not RBCs were proposed for those VOCs. The revised work plan must address this issue. | Chemicals detected in soil above background levels are include as COPCs in the Updated Risk Evaluation and risk-based concentrations have been developed for the COPCs. The Limited Soil Remediation Work Plan Addendum will include a discussion of numeric soil remedial goals for risk drivers in soil as well as for other COPCs in soil with limited exceedances of the risk-based concentrations. |
| 2. The RBCs must also consider risk through leaching to groundwater for the protection of groundwater quality. However, the work plan proposes to use leachable concentrations (TCLP and TTLC thresholds) using the California Waste Extraction Test (CA-WET) method. This is usually used for waste characterization to determine leachability of waste at landfills. For cleanup sites this one, we do not use TCLP and TTLC thresholds. You must propose to use either regulatory screening levels for the protection for groundwater quality or some other alternate methods such as modeling.<br><br>As OEHHA stated in its memo, this is outside the scope of their review. The revised work plan must address this issue to propose RBCs which protect both human health and groundwater quality. | The Limited Soil Remediation Work Plan Addendum will include a discussion of a Site-specific soil screening level for lead for the protection of groundwater. |

| LARWQCB COMMENTS<br>UN-DATED | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| 3. As OEHHA stated in the memo, the revised work plan must outline how the RBCs would be used, i.e. comparisons would be made with the UCL or the maximum concentration of COCs in confirmation samples. | Risk-based concentrations developed in the Updated Risk Evaluation for chemicals of potential concern in soil at the Site will be used in the Limited Soil Remediation Work Plan Addendum to define the depths and extent of soil excavation and to guide soil excavation during the remediation.<br><br>A post-remediation human health risk evaluation will be conducted to document the overall effectiveness of the remediation activities in reducing the concentrations of residual chemicals in Site soil, thereby reducing potential future risks to human health and the environment. The post-remediation human health risk evaluation provides the technical basis for the proposed mitigation measures (i.e., a cap) and proposed institutional controls (i.e., deed restrictions in the form of an LUC) appropriate to ensure long-term protection of human health associated with residual levels of chemicals that are remaining in soil. |
| 4. The work plan states that excavated soil would be re-used at the site if it meets the RBCs or leachable concentrations using CA-WET. Soil re-use criteria must be proposed either using regulatory screening levels which are protective of human health and groundwater or other acceptable methods. The work plan proposes stockpile sampling and analysis protocols for waste characterization. However, it does not propose stockpile sampling and analysis protocols for soil re-use. | See Section 7.2.4.1 Stockpile Management for information on stockpile sampling. |

| **LARWQCB COMMENTS UN-DATED** | **HALEY & ALDRICH, INC. RESPONSE** |
|---|---|
| The following sampling schedule is suggested to estimate the minimum number of samples necessary to meet the statistical requirements set forth in EPA SW-846 for soil re-use:<br><br>o Stockpiles less than 500 cubic yards: One sample for every 25 cubic yards;<br><br>o Stockpiles from 500 to 1,000 cubic yards: Twenty samples plus one sample for every 100 cubic yards in excess of the initial 500 cubic yards;<br><br>o Stockpiles from 1,000 to 10,000 cubic yards: Twenty-five samples plus one sample for every 500 cubic yards in excess of the initial 1,000 cubic yards; and<br><br>o Stockpiles greater than 10,000 cubic yards: Forty-three samples plus one sample for every 5,000 cubic yards in excess of the initial 10,000 cubic yards. | |
| 5. The revised work plan must clearly specify the depth and extent of soil excavation for soil cleanup in the eastern portion of the Site. Based on the site assessment data, lead and arsenic, VOCs, and TPH have been detected in the upper 5 feet of soil at concentrations exceeding screening levels. The revised work plan should propose excavation and removal of all impacted soils in the upper 5 feet of the vadose zone for soil cleanup within the area designated for soil | The depth and extent of soil excavation for soil cleanup in the eastern portion of the Site will be presented in the Limited Soil Remediation Work Plan Addendum. |

| LARWQCB COMMENTS<br>UN-DATED | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| cleanup as shown in Figure 4 of the work plan. | |

# APPENDIX B
# Laboratory Analytical Reports

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Chris Tsiatsios
Haley & Aldrich, Inc.
3187 Red HIll Avenue
Suite 155
Costa Mesa, California 92626

Generated 1/17/2024 9:12:25 PM

## JOB DESCRIPTION

Rosemead PCB Sampling / 209476-003

## JOB NUMBER

570-166963-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

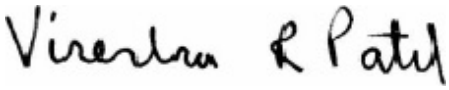
See page two for job notes and contact information.

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

## Authorization



Generated
1/17/2024 9:12:25 PM

Authorized for release by
Virendra Patel, Project Manager I
Virendra.Patel@et.eurofinsus.com
(714)895-5494

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 3
Definitions/Glossary . . . . . 4
Case Narrative . . . . . 5
Detection Summary . . . . . 6
Client Sample Results . . . . . 8
Surrogate Summary . . . . . 19
QC Sample Results . . . . . 20
QC Association Summary . . . . . 24
Lab Chronicle . . . . . 27
Certification Summary . . . . . 33
Method Summary . . . . . 34
Sample Summary . . . . . 35
Chain of Custody . . . . . 36
Receipt Checklists . . . . . 47

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| p | The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F2 | MS/MSD RPD exceeds control limits |

### General Chemistry

| Qualifier | Qualifier Description |
|---|---|
| F3 | Duplicate RPD exceeds the control limit |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

**Job Narrative**
**570-166963-1**

**Receipt**
The samples were received on 1/4/2024 4:40 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.8º C.

**GC Semi VOA**
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: LV-9-2.0-010424-01 (570-166963-12), HA-SB-10-0.5-010424-01 (570-166963-13), HA-SB-07-0.5-010424-01 (570-166963-15), HA-SB-07-1.0-010424-01 (570-166963-16), HA-SB-07-2.0-010424-01 (570-166963-17) and HA-SB-06-1.0-010424-01 (570-166963-19).

Method 8082A: The %RPD between the primary and confirmation column exceeded 40% for Aroclor-1254 for the following sample: HA-SB-10-0.5-010424-01 (570-166963-13). The lower value has been reported and qualified in accordance with the laboratory's SOP.

Method 8082A: The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: HA-SB-07-0.5-010424-01 (570-166963-15). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: LV-9-2.0-010424-01 (570-166963-12) and HA-SB-06-2.0-010424-01 (570-166963-20).

Method 8082A: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HA-SB-05-0.5-010424-01 (570-166963-21).

Method 8082A: The matrix spike (MS) recoveries for preparation batch 240-599958 and analytical batch 240-600201 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Metals**
Method 6010B: The method blank for preparation batch 570-399904 and analytical batch 570-400108 contained Lead above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The matrix spike duplicate (MSD) recoveries and precision of Lead for preparation batch 570-399904 and analytical batch 570-400108 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**General Chemistry**
Method Moisture - 2540: The sample duplicate (DUP) precision for analytical batch 570-399588 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-166963-1

## Client Sample ID: HA-SB-13-0.5-010424-01 — Lab Sample ID: 570-166963-1

No Detections.

## Client Sample ID: HA-SB-13-1.0-010424-01 — Lab Sample ID: 570-166963-2

No Detections.

## Client Sample ID: HA-SB-14-0.5-010424-01 — Lab Sample ID: 570-166963-3

No Detections.

## Client Sample ID: HA-SB-14-1.0-010424-01 — Lab Sample ID: 570-166963-4

No Detections.

## Client Sample ID: HA-SB-15-0.5-010424-01 — Lab Sample ID: 570-166963-5

No Detections.

## Client Sample ID: HA-SB-15-1.0-010424-01 — Lab Sample ID: 570-166963-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1700 | | 450 | 200 | ug/Kg | 1 | ☼ | 8082A | Total/NA |
| Lead | 1260 | F2 | 1.96 | 1.30 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-12-0.5-010424-01 — Lab Sample ID: 570-166963-7

No Detections.

## Client Sample ID: HA-SB-12-1.0-010424-01 — Lab Sample ID: 570-166963-8

No Detections.

## Client Sample ID: HA-SB-12-2.0-010424-01 — Lab Sample ID: 570-166963-9

No Detections.

## Client Sample ID: HA-SB-12-3.0-010424-01 — Lab Sample ID: 570-166963-10

No Detections.

## Client Sample ID: LV-9-1.0-010424-01 — Lab Sample ID: 570-166963-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 240 | J | 470 | 220 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: LV-9-2.0-010424-01 — Lab Sample ID: 570-166963-12

No Detections.

## Client Sample ID: HA-SB-10-0.5-010424-01 — Lab Sample ID: 570-166963-13

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 6100 | p | 4500 | 2100 | ug/Kg | 10 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-11-0.5-010424-01 — Lab Sample ID: 570-166963-14

No Detections.

## Client Sample ID: HA-SB-07-0.5-010424-01 — Lab Sample ID: 570-166963-15

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1242 | 11000 | | 4800 | 1800 | ug/Kg | 10 | ☼ | 8082A | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-166963-1

## Client Sample ID: HA-SB-07-0.5-010424-01 (Continued) — Lab Sample ID: 570-166963-15

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 54000 | | 4800 | 2200 | ug/Kg | 10 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-07-1.0-010424-01 — Lab Sample ID: 570-166963-16

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1242 | 7800 | | 4800 | 1800 | ug/Kg | 10 | ☼ | 8082A | Total/NA |
| Aroclor-1254 | 30000 | | 4800 | 2200 | ug/Kg | 10 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-07-2.0-010424-01 — Lab Sample ID: 570-166963-17

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 660 | | 410 | 190 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-06-0.5-010424-01 — Lab Sample ID: 570-166963-18

No Detections.

## Client Sample ID: HA-SB-06-1.0-010424-01 — Lab Sample ID: 570-166963-19

No Detections.

## Client Sample ID: HA-SB-06-2.0-010424-01 — Lab Sample ID: 570-166963-20

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 | 280 | J | 520 | 230 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-05-0.5-010424-01 — Lab Sample ID: 570-166963-21

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1700 | | 480 | 220 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-13-2.0-010424-01 — Lab Sample ID: 570-166963-22

No Detections.

This Detection Summary does not include radiochemical test results.

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: HA-SB-13-0.5-010424-01**
**Lab Sample ID: 570-166963-1**
**Date Collected: 01/04/24 08:45**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 490 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 20:18 | 1 |
| Aroclor-1221 | ND | | 490 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 20:18 | 1 |
| Aroclor-1232 | ND | | 490 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 20:18 | 1 |
| Aroclor-1242 | ND | | 490 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 20:18 | 1 |
| Aroclor-1248 | ND | | 490 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 20:18 | 1 |
| Aroclor-1254 | ND | | 490 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 20:18 | 1 |
| Aroclor-1260 | ND | | 490 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 20:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *81* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 20:18* | *1* |
| *DCB Decachlorobiphenyl* | *82* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 20:18* | *1* |

**Client Sample ID: HA-SB-13-1.0-010424-01**
**Lab Sample ID: 570-166963-2**
**Date Collected: 01/04/24 09:00**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 460 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:01 | 1 |
| Aroclor-1221 | ND | | 460 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:01 | 1 |
| Aroclor-1232 | ND | | 460 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:01 | 1 |
| Aroclor-1242 | ND | | 460 | 170 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:01 | 1 |
| Aroclor-1248 | ND | | 460 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:01 | 1 |
| Aroclor-1254 | ND | | 460 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:01 | 1 |
| Aroclor-1260 | ND | | 460 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *92* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 21:01* | *1* |
| *DCB Decachlorobiphenyl* | *99* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 21:01* | *1* |

**Client Sample ID: HA-SB-14-0.5-010424-01**
**Lab Sample ID: 570-166963-3**
**Date Collected: 01/04/24 09:10**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 490 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:16 | 1 |
| Aroclor-1221 | ND | | 490 | 240 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:16 | 1 |
| Aroclor-1232 | ND | | 490 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:16 | 1 |
| Aroclor-1242 | ND | | 490 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:16 | 1 |
| Aroclor-1248 | ND | | 490 | 240 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:16 | 1 |
| Aroclor-1254 | ND | | 490 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:16 | 1 |
| Aroclor-1260 | ND | | 490 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *86* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 21:16* | *1* |
| *DCB Decachlorobiphenyl* | *94* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 21:16* | *1* |

**Client Sample ID: HA-SB-14-1.0-010424-01**
**Lab Sample ID: 570-166963-4**
**Date Collected: 01/04/24 09:15**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 470 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:30 | 1 |
| Aroclor-1221 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:30 | 1 |
| Aroclor-1232 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:30 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-14-1.0-010424-01**
**Date Collected: 01/04/24 09:15**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1242 | ND | | 470 | 180 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:30 | 1 |
| Aroclor-1248 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:30 | 1 |
| Aroclor-1254 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:30 | 1 |
| Aroclor-1260 | ND | | 470 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *76* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 21:30* | *1* |
| *DCB Decachlorobiphenyl* | *77* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 21:30* | *1* |

**Client Sample ID: HA-SB-15-0.5-010424-01**
**Date Collected: 01/04/24 09:25**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 490 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:45 | 1 |
| Aroclor-1221 | ND | | 490 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:45 | 1 |
| Aroclor-1232 | ND | | 490 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:45 | 1 |
| Aroclor-1242 | ND | | 490 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:45 | 1 |
| Aroclor-1248 | ND | | 490 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:45 | 1 |
| Aroclor-1254 | ND | | 490 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:45 | 1 |
| Aroclor-1260 | ND | | 490 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *86* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 21:45* | *1* |
| *DCB Decachlorobiphenyl* | *93* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 21:45* | *1* |

**Client Sample ID: HA-SB-15-1.0-010424-01**
**Date Collected: 01/04/24 09:35**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:59 | 1 |
| Aroclor-1221 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:59 | 1 |
| Aroclor-1232 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:59 | 1 |
| Aroclor-1242 | ND | | 450 | 170 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:59 | 1 |
| Aroclor-1248 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:59 | 1 |
| **Aroclor-1254** | **1700** | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:59 | 1 |
| Aroclor-1260 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 21:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *91* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 21:59* | *1* |
| *DCB Decachlorobiphenyl* | *100* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 21:59* | *1* |

**Client Sample ID: HA-SB-12-0.5-010424-01**
**Date Collected: 01/04/24 09:45**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 390 | 170 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:14 | 1 |
| Aroclor-1221 | ND | | 390 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:14 | 1 |
| Aroclor-1232 | ND | | 390 | 180 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:14 | 1 |
| Aroclor-1242 | ND | | 390 | 150 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:14 | 1 |
| Aroclor-1248 | ND | | 390 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:14 | 1 |
| Aroclor-1254 | ND | | 390 | 180 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:14 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-12-0.5-010424-01**
**Date Collected: 01/04/24 09:45**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 | ND | | 390 | 170 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *72* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 22:14* | *1* |
| *DCB Decachlorobiphenyl* | *76* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 22:14* | *1* |

**Client Sample ID: HA-SB-12-1.0-010424-01**
**Date Collected: 01/04/24 09:50**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:28 | 1 |
| Aroclor-1221 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:28 | 1 |
| Aroclor-1232 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:28 | 1 |
| Aroclor-1242 | ND | | 450 | 170 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:28 | 1 |
| Aroclor-1248 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:28 | 1 |
| Aroclor-1254 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:28 | 1 |
| Aroclor-1260 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *79* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 22:28* | *1* |
| *DCB Decachlorobiphenyl* | *83* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 22:28* | *1* |

**Client Sample ID: HA-SB-12-2.0-010424-01**
**Date Collected: 01/04/24 09:55**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 430 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:43 | 1 |
| Aroclor-1221 | ND | | 430 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:43 | 1 |
| Aroclor-1232 | ND | | 430 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:43 | 1 |
| Aroclor-1242 | ND | | 430 | 160 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:43 | 1 |
| Aroclor-1248 | ND | | 430 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:43 | 1 |
| Aroclor-1254 | ND | | 430 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:43 | 1 |
| Aroclor-1260 | ND | | 430 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *71* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 22:43* | *1* |
| *DCB Decachlorobiphenyl* | *71* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 22:43* | *1* |

**Client Sample ID: HA-SB-12-3.0-010424-01**
**Date Collected: 01/04/24 10:00**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 480 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:57 | 1 |
| Aroclor-1221 | ND | | 480 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:57 | 1 |
| Aroclor-1232 | ND | | 480 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:57 | 1 |
| Aroclor-1242 | ND | | 480 | 180 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:57 | 1 |
| Aroclor-1248 | ND | | 480 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:57 | 1 |
| Aroclor-1254 | ND | | 480 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:57 | 1 |
| Aroclor-1260 | ND | | 480 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 22:57 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *68* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 22:57* | *1* |
| *DCB Decachlorobiphenyl* | *75* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 22:57* | *1* |

**Client Sample ID: LV-9-1.0-010424-01**
**Date Collected: 01/04/24 10:10**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:12 | 1 |
| Aroclor-1221 | ND | | 470 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:12 | 1 |
| Aroclor-1232 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:12 | 1 |
| Aroclor-1242 | ND | | 470 | 180 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:12 | 1 |
| Aroclor-1248 | ND | | 470 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:12 | 1 |
| **Aroclor-1254** | **240** | **J** | 470 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:12 | 1 |
| Aroclor-1260 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:12 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *89* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 23:12* | *1* |
| *DCB Decachlorobiphenyl* | *100* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 23:12* | *1* |

**Client Sample ID: LV-9-2.0-010424-01**
**Date Collected: 01/04/24 10:15**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/15/24 12:32 | 1 |
| Aroclor-1221 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/15/24 12:32 | 1 |
| Aroclor-1232 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/15/24 12:32 | 1 |
| Aroclor-1242 | ND | | 450 | 170 | ug/Kg | ☼ | 01/11/24 08:57 | 01/15/24 12:32 | 1 |
| Aroclor-1248 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/15/24 12:32 | 1 |
| Aroclor-1254 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/15/24 12:32 | 1 |
| Aroclor-1260 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/15/24 12:32 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *60* | | *10 - 149* | *01/11/24 08:57* | *01/15/24 12:32* | *1* |
| *DCB Decachlorobiphenyl* | *67* | | *10 - 174* | *01/11/24 08:57* | *01/15/24 12:32* | *1* |

**Client Sample ID: HA-SB-10-0.5-010424-01**
**Date Collected: 01/04/24 10:30**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 4500 | 2000 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:41 | 10 |
| Aroclor-1221 | ND | | 4500 | 2200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:41 | 10 |
| Aroclor-1232 | ND | | 4500 | 2100 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:41 | 10 |
| Aroclor-1242 | ND | | 4500 | 1700 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:41 | 10 |
| Aroclor-1248 | ND | | 4500 | 2200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:41 | 10 |
| **Aroclor-1254** | **6100** | **p** | 4500 | 2100 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:41 | 10 |
| Aroclor-1260 | ND | | 4500 | 2000 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:41 | 10 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *82* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 23:41* | *10* |
| *DCB Decachlorobiphenyl* | *99* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 23:41* | *10* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: HA-SB-11-0.5-010424-01**
**Lab Sample ID: 570-166963-14**
**Date Collected: 01/04/24 10:35**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 510 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:55 | 1 |
| Aroclor-1221 | ND | | 510 | 240 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:55 | 1 |
| Aroclor-1232 | ND | | 510 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:55 | 1 |
| Aroclor-1242 | ND | | 510 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:55 | 1 |
| Aroclor-1248 | ND | | 510 | 240 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:55 | 1 |
| Aroclor-1254 | ND | | 510 | 230 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:55 | 1 |
| Aroclor-1260 | ND | | 510 | 220 | ug/Kg | ☼ | 01/11/24 08:57 | 01/12/24 23:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *68* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 23:55* | *1* |
| *DCB Decachlorobiphenyl* | *73* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 23:55* | *1* |

**Client Sample ID: HA-SB-07-0.5-010424-01**
**Lab Sample ID: 570-166963-15**
**Date Collected: 01/04/24 11:00**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 4800 | 2100 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 00:53 | 10 |
| Aroclor-1221 | ND | | 4800 | 2300 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 00:53 | 10 |
| Aroclor-1232 | ND | | 4800 | 2200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 00:53 | 10 |
| **Aroclor-1242** | **11000** | | 4800 | 1800 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 00:53 | 10 |
| Aroclor-1248 | ND | | 4800 | 2300 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 00:53 | 10 |
| **Aroclor-1254** | **54000** | | 4800 | 2200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 00:53 | 10 |
| Aroclor-1260 | ND | | 4800 | 2100 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 00:53 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *59* | | *10 - 149* | *01/11/24 08:57* | *01/13/24 00:53* | *10* |
| *DCB Decachlorobiphenyl* | *178* | *S1+* | *10 - 174* | *01/11/24 08:57* | *01/13/24 00:53* | *10* |

**Client Sample ID: HA-SB-07-1.0-010424-01**
**Lab Sample ID: 570-166963-16**
**Date Collected: 01/04/24 11:05**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 4800 | 2100 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:08 | 10 |
| Aroclor-1221 | ND | | 4800 | 2300 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:08 | 10 |
| Aroclor-1232 | ND | | 4800 | 2200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:08 | 10 |
| **Aroclor-1242** | **7800** | | 4800 | 1800 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:08 | 10 |
| Aroclor-1248 | ND | | 4800 | 2300 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:08 | 10 |
| **Aroclor-1254** | **30000** | | 4800 | 2200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:08 | 10 |
| Aroclor-1260 | ND | | 4800 | 2100 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:08 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *79* | | *10 - 149* | *01/11/24 08:57* | *01/13/24 01:08* | *10* |
| *DCB Decachlorobiphenyl* | *124* | | *10 - 174* | *01/11/24 08:57* | *01/13/24 01:08* | *10* |

**Client Sample ID: HA-SB-07-2.0-010424-01**
**Lab Sample ID: 570-166963-17**
**Date Collected: 01/04/24 11:10**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 410 | 180 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:22 | 1 |
| Aroclor-1221 | ND | | 410 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:22 | 1 |
| Aroclor-1232 | ND | | 410 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:22 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-07-2.0-010424-01**
**Date Collected: 01/04/24 11:10**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1242 | ND | | 410 | 160 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:22 | 1 |
| Aroclor-1248 | ND | | 410 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:22 | 1 |
| **Aroclor-1254** | **660** | | 410 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:22 | 1 |
| Aroclor-1260 | ND | | 410 | 180 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *64* | | *10 - 149* | *01/11/24 08:57* | *01/13/24 01:22* | *1* |
| *DCB Decachlorobiphenyl* | *89* | | *10 - 174* | *01/11/24 08:57* | *01/13/24 01:22* | *1* |

**Client Sample ID: HA-SB-06-0.5-010424-01**
**Date Collected: 01/04/24 11:55**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 440 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:37 | 1 |
| Aroclor-1221 | ND | | 440 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:37 | 1 |
| Aroclor-1232 | ND | | 440 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:37 | 1 |
| Aroclor-1242 | ND | | 440 | 170 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:37 | 1 |
| Aroclor-1248 | ND | | 440 | 210 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:37 | 1 |
| Aroclor-1254 | ND | | 440 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:37 | 1 |
| Aroclor-1260 | ND | | 440 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *69* | | *10 - 149* | *01/11/24 08:57* | *01/13/24 01:37* | *1* |
| *DCB Decachlorobiphenyl* | *71* | | *10 - 174* | *01/11/24 08:57* | *01/13/24 01:37* | *1* |

**Client Sample ID: HA-SB-06-1.0-010424-01**
**Date Collected: 01/04/24 12:00**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 410 | 180 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:51 | 1 |
| Aroclor-1221 | ND | | 410 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:51 | 1 |
| Aroclor-1232 | ND | | 410 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:51 | 1 |
| Aroclor-1242 | ND | | 410 | 160 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:51 | 1 |
| Aroclor-1248 | ND | | 410 | 200 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:51 | 1 |
| Aroclor-1254 | ND | | 410 | 190 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:51 | 1 |
| Aroclor-1260 | ND | | 410 | 180 | ug/Kg | ☼ | 01/11/24 08:57 | 01/13/24 01:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *73* | | *10 - 149* | *01/11/24 08:57* | *01/13/24 01:51* | *1* |
| *DCB Decachlorobiphenyl* | *78* | | *10 - 174* | *01/11/24 08:57* | *01/13/24 01:51* | *1* |

**Client Sample ID: HA-SB-06-2.0-010424-01**
**Date Collected: 01/04/24 12:05**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 520 | 230 | ug/Kg | ☼ | 01/11/24 08:58 | 01/15/24 12:47 | 1 |
| Aroclor-1221 | ND | | 520 | 250 | ug/Kg | ☼ | 01/11/24 08:58 | 01/15/24 12:47 | 1 |
| Aroclor-1232 | ND | | 520 | 240 | ug/Kg | ☼ | 01/11/24 08:58 | 01/15/24 12:47 | 1 |
| Aroclor-1242 | ND | | 520 | 200 | ug/Kg | ☼ | 01/11/24 08:58 | 01/15/24 12:47 | 1 |
| Aroclor-1248 | ND | | 520 | 250 | ug/Kg | ☼ | 01/11/24 08:58 | 01/15/24 12:47 | 1 |
| Aroclor-1254 | ND | | 520 | 240 | ug/Kg | ☼ | 01/11/24 08:58 | 01/15/24 12:47 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-06-2.0-010424-01**
**Date Collected: 01/04/24 12:05**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aroclor-1260** | **280** | **J** | 520 | 230 | ug/Kg | ☼ | 01/11/24 08:58 | 01/15/24 12:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *63* | | *10 - 149* | *01/11/24 08:58* | *01/15/24 12:47* | *1* |
| *DCB Decachlorobiphenyl* | *69* | | *10 - 174* | *01/11/24 08:58* | *01/15/24 12:47* | *1* |

**Client Sample ID: HA-SB-05-0.5-010424-01**
**Date Collected: 01/04/24 12:20**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 480 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 18:25 | 1 |
| Aroclor-1221 | ND | | 480 | 230 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 18:25 | 1 |
| Aroclor-1232 | ND | | 480 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 18:25 | 1 |
| Aroclor-1242 | ND | | 480 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 18:25 | 1 |
| Aroclor-1248 | ND | | 480 | 230 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 18:25 | 1 |
| **Aroclor-1254** | **1700** | | 480 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 18:25 | 1 |
| Aroclor-1260 | ND | | 480 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 18:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *68* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 18:25* | *1* |
| *DCB Decachlorobiphenyl* | *79* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 18:25* | *1* |

**Client Sample ID: HA-SB-13-2.0-010424-01**
**Date Collected: 01/04/24 14:05**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 12:39 | 1 |
| Aroclor-1221 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 12:39 | 1 |
| Aroclor-1232 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 12:39 | 1 |
| Aroclor-1242 | ND | | 470 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 12:39 | 1 |
| Aroclor-1248 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 12:39 | 1 |
| Aroclor-1254 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 12:39 | 1 |
| Aroclor-1260 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 12:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *73* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 12:39* | *1* |
| *DCB Decachlorobiphenyl* | *90* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 12:39* | *1* |

Client: Haley & Aldrich, Inc.
Job ID: 570-166963-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Method: SW846 6010B - Metals (ICP)

**Client Sample ID: HA-SB-15-1.0-010424-01**
**Lab Sample ID: 570-166963-6**
**Date Collected: 01/04/24 09:35**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 1260 | F2 | 1.96 | 1.30 | mg/Kg | | 01/10/24 09:51 | 01/10/24 17:09 | 2 |

## General Chemistry

**Client Sample ID: HA-SB-13-0.5-010424-01**
**Lab Sample ID: 570-166963-1**
**Date Collected: 01/04/24 08:45**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 7.72 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-13-1.0-010424-01**
**Lab Sample ID: 570-166963-2**
**Date Collected: 01/04/24 09:00**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 7.14 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-14-0.5-010424-01**
**Lab Sample ID: 570-166963-3**
**Date Collected: 01/04/24 09:10**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 15.8 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-14-1.0-010424-01**
**Lab Sample ID: 570-166963-4**
**Date Collected: 01/04/24 09:15**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 8.17 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-15-0.5-010424-01**
**Lab Sample ID: 570-166963-5**
**Date Collected: 01/04/24 09:25**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 7.76 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-15-1.0-010424-01**
**Lab Sample ID: 570-166963-6**
**Date Collected: 01/04/24 09:35**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 6.44 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-12-0.5-010424-01**
**Lab Sample ID: 570-166963-7**
**Date Collected: 01/04/24 09:45**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 7.77 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-12-1.0-010424-01**
**Lab Sample ID: 570-166963-8**
**Date Collected: 01/04/24 09:50**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 8.27 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-12-2.0-010424-01**
**Lab Sample ID: 570-166963-9**
**Date Collected: 01/04/24 09:55**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 9.00 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

## General Chemistry

**Client Sample ID: HA-SB-12-3.0-010424-01**
**Date Collected: 01/04/24 10:00**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 16.8 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: LV-9-1.0-010424-01**
**Date Collected: 01/04/24 10:10**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 10.3 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: LV-9-2.0-010424-01**
**Date Collected: 01/04/24 10:15**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 8.76 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-10-0.5-010424-01**
**Date Collected: 01/04/24 10:30**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 15.6 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-11-0.5-010424-01**
**Date Collected: 01/04/24 10:35**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 12.4 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-07-0.5-010424-01**
**Date Collected: 01/04/24 11:00**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 10.9 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-07-1.0-010424-01**
**Date Collected: 01/04/24 11:05**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 9.55 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-07-2.0-010424-01**
**Date Collected: 01/04/24 11:10**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 8.15 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-06-0.5-010424-01**
**Date Collected: 01/04/24 11:55**
**Date Received: 01/04/24 16:40**
**Lab Sample ID: 570-166963-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 8.26 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

## General Chemistry

**Client Sample ID: HA-SB-06-1.0-010424-01**
**Lab Sample ID: 570-166963-19**
**Date Collected: 01/04/24 12:00**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 6.56 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-06-2.0-010424-01**
**Lab Sample ID: 570-166963-20**
**Date Collected: 01/04/24 12:05**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 14.6 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-05-0.5-010424-01**
**Lab Sample ID: 570-166963-21**
**Date Collected: 01/04/24 12:20**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 10.9 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-13-2.0-010424-01**
**Lab Sample ID: 570-166963-22**
**Date Collected: 01/04/24 14:05**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 6.13 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

# Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-166963-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | TCX2 (10-149) | DCBP2 (10-174) |
| 570-166963-1 | HA-SB-13-0.5-010424-01 | 81 | 82 |
| 570-166963-1 MS | HA-SB-13-0.5-010424-01 | 75 | 85 |
| 570-166963-1 MSD | HA-SB-13-0.5-010424-01 | 83 | 89 |
| 570-166963-2 | HA-SB-13-1.0-010424-01 | 92 | 99 |
| 570-166963-3 | HA-SB-14-0.5-010424-01 | 86 | 94 |
| 570-166963-4 | HA-SB-14-1.0-010424-01 | 76 | 77 |
| 570-166963-5 | HA-SB-15-0.5-010424-01 | 86 | 93 |
| 570-166963-6 | HA-SB-15-1.0-010424-01 | 91 | 100 |
| 570-166963-7 | HA-SB-12-0.5-010424-01 | 72 | 76 |
| 570-166963-8 | HA-SB-12-1.0-010424-01 | 79 | 83 |
| 570-166963-9 | HA-SB-12-2.0-010424-01 | 71 | 71 |
| 570-166963-10 | HA-SB-12-3.0-010424-01 | 68 | 75 |
| 570-166963-11 | LV-9-1.0-010424-01 | 89 | 100 |
| 570-166963-12 | LV-9-2.0-010424-01 | 60 | 67 |
| 570-166963-13 | HA-SB-10-0.5-010424-01 | 82 | 99 |
| 570-166963-14 | HA-SB-11-0.5-010424-01 | 68 | 73 |
| 570-166963-15 | HA-SB-07-0.5-010424-01 | 59 | 178 S1+ |
| 570-166963-16 | HA-SB-07-1.0-010424-01 | 79 | 124 |
| 570-166963-17 | HA-SB-07-2.0-010424-01 | 64 | 89 |
| 570-166963-18 | HA-SB-06-0.5-010424-01 | 69 | 71 |
| 570-166963-19 | HA-SB-06-1.0-010424-01 | 73 | 78 |
| 570-166963-20 | HA-SB-06-2.0-010424-01 | 63 | 69 |
| LCS 240-599956/2-A | Lab Control Sample | 77 | 88 |
| MB 240-599956/1-A | Method Blank | 78 | 90 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | TCX1 (10-149) | DCBP1 (10-174) |
| 570-166963-21 | HA-SB-05-0.5-010424-01 | 68 | 79 |
| 570-166963-22 | HA-SB-13-2.0-010424-01 | 73 | 90 |
| 570-167110-B-1-B MS | Matrix Spike | 69 | 85 |
| 570-167110-B-1-C MSD | Matrix Spike Duplicate | 74 | 88 |
| LCS 240-599958/2-A | Lab Control Sample | 73 | 91 |
| MB 240-599958/1-A | Method Blank | 84 | 107 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 240-599956/1-A**
**Matrix: Solid**
**Analysis Batch: 600158**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 599956**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | 22 | ug/Kg | | 01/11/24 08:57 | 01/12/24 19:49 | 1 |
| Aroclor-1221 | ND | | 50 | 24 | ug/Kg | | 01/11/24 08:57 | 01/12/24 19:49 | 1 |
| Aroclor-1232 | ND | | 50 | 23 | ug/Kg | | 01/11/24 08:57 | 01/12/24 19:49 | 1 |
| Aroclor-1242 | ND | | 50 | 19 | ug/Kg | | 01/11/24 08:57 | 01/12/24 19:49 | 1 |
| Aroclor-1248 | ND | | 50 | 24 | ug/Kg | | 01/11/24 08:57 | 01/12/24 19:49 | 1 |
| Aroclor-1254 | ND | | 50 | 23 | ug/Kg | | 01/11/24 08:57 | 01/12/24 19:49 | 1 |
| Aroclor-1260 | ND | | 50 | 22 | ug/Kg | | 01/11/24 08:57 | 01/12/24 19:49 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *78* | | *10 - 149* | *01/11/24 08:57* | *01/12/24 19:49* | *1* |
| *DCB Decachlorobiphenyl* | *90* | | *10 - 174* | *01/11/24 08:57* | *01/12/24 19:49* | *1* |

**Lab Sample ID: LCS 240-599956/2-A**
**Matrix: Solid**
**Analysis Batch: 600158**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 599956**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 1000 | 826.3 | | ug/Kg | | 83 | 28 - 140 |
| Aroclor-1260 | 1000 | 811.0 | | ug/Kg | | 81 | 39 - 153 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *77* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *88* | | *10 - 174* |

**Lab Sample ID: 570-166963-1 MS**
**Matrix: Solid**
**Analysis Batch: 600158**

**Client Sample ID: HA-SB-13-0.5-010424-01**
**Prep Type: Total/NA**
**Prep Batch: 599956**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 9420 | 7783 | | ug/Kg | ☼ | 83 | 10 - 146 |
| Aroclor-1260 | ND | | 9420 | 7531 | | ug/Kg | ☼ | 80 | 10 - 158 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *75* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *85* | | *10 - 174* |

**Lab Sample ID: 570-166963-1 MSD**
**Matrix: Solid**
**Analysis Batch: 600158**

**Client Sample ID: HA-SB-13-0.5-010424-01**
**Prep Type: Total/NA**
**Prep Batch: 599956**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 9110 | 8130 | | ug/Kg | ☼ | 89 | 10 - 146 | 4 | 40 |
| Aroclor-1260 | ND | | 9110 | 7826 | | ug/Kg | ☼ | 86 | 10 - 158 | 4 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *83* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *89* | | *10 - 174* |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 240-599958/1-A**
**Matrix: Solid**
**Analysis Batch: 600201**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 599958**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | 22 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1221 | ND | | 50 | 24 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1232 | ND | | 50 | 23 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1242 | ND | | 50 | 19 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1248 | ND | | 50 | 24 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1254 | ND | | 50 | 23 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1260 | ND | | 50 | 22 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *84* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 11:48* | *1* |
| *DCB Decachlorobiphenyl* | *107* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 11:48* | *1* |

**Lab Sample ID: LCS 240-599958/2-A**
**Matrix: Solid**
**Analysis Batch: 600201**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 599958**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 1000 | 777.4 | | ug/Kg | | 78 | 28 - 140 | | |
| Aroclor-1260 | | | 1000 | 881.4 | | ug/Kg | | 88 | 39 - 153 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *73* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *91* | | *10 - 174* |

**Lab Sample ID: 570-167110-B-1-B MS**
**Matrix: Solid**
**Analysis Batch: 600201**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 599958**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 9540 | 7307 | | ug/Kg | ☼ | 77 | 10 - 146 | | |
| Aroclor-1260 | 12000 | F1 | 9540 | 12980 | F1 | ug/Kg | ☼ | 7 | 10 - 158 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *69* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *85* | | *10 - 174* |

**Lab Sample ID: 570-167110-B-1-C MSD**
**Matrix: Solid**
**Analysis Batch: 600201**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 599958**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 7960 | 6493 | | ug/Kg | ☼ | 82 | 10 - 146 | 12 | 40 |
| Aroclor-1260 | 12000 | F1 | 7960 | 15550 | | ug/Kg | ☼ | 41 | 10 - 158 | 18 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *74* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *88* | | *10 - 174* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-399904/1-A ^2**
**Matrix: Solid**
**Analysis Batch: 400108**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 399904**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 2.00 | 1.32 | mg/Kg | | 01/10/24 09:51 | 01/10/24 17:01 | 2 |

**Lab Sample ID: LCS 570-399904/2-A ^2**
**Matrix: Solid**
**Analysis Batch: 400108**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 399904**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 49.0 | 49.49 | | mg/Kg | | 101 | 80 - 120 | | |

**Lab Sample ID: LCSD 570-399904/3-A ^2**
**Matrix: Solid**
**Analysis Batch: 400108**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 399904**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 52.1 | 53.54 | | mg/Kg | | 103 | 80 - 120 | 8 | 20 |

**Lab Sample ID: 570-166963-6 MS**
**Matrix: Solid**
**Analysis Batch: 400108**

**Client Sample ID: HA-SB-15-1.0-010424-01**
**Prep Type: Total/NA**
**Prep Batch: 399904**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 1260 | F2 | 52.1 | 1353 | 4 | mg/Kg | | 181 | 75 - 125 | | |

**Lab Sample ID: 570-166963-6 MSD**
**Matrix: Solid**
**Analysis Batch: 400108**

**Client Sample ID: HA-SB-15-1.0-010424-01**
**Prep Type: Total/NA**
**Prep Batch: 399904**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 1260 | F2 | 51.0 | 1094 | 4 F2 | mg/Kg | | -323 | 75 - 125 | 21 | 20 |

## Method: 2540G - Percent Moisture

**Lab Sample ID: MB 570-399587/1**
**Matrix: Solid**
**Analysis Batch: 399587**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | ND | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Lab Sample ID: 570-166963-1 DU**
**Matrix: Solid**
**Analysis Batch: 399587**

**Client Sample ID: HA-SB-13-0.5-010424-01**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 7.72 | | | 7.92 | | % | | | | 3 | 10 |

## Method: 2540G - Percent Moisture (Continued)

**Lab Sample ID: 570-166963-11 DU**
**Client Sample ID: LV-9-1.0-010424-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 399587**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 10.3 | | | 11.3 | | % | | | | 9 | 10 |

**Lab Sample ID: MB 570-399588/1**
**Client Sample ID: Method Blank**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 399588**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | ND | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Lab Sample ID: 570-167110-A-11 DU**
**Client Sample ID: Duplicate**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 399588**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 5.25 | | | 12.3 | F3 | % | | | | 80 | 10 |

## GC Semi VOA

### Prep Batch: 599956

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-1 | HA-SB-13-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-2 | HA-SB-13-1.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-3 | HA-SB-14-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-4 | HA-SB-14-1.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-5 | HA-SB-15-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-6 | HA-SB-15-1.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-7 | HA-SB-12-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-8 | HA-SB-12-1.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-9 | HA-SB-12-2.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-10 | HA-SB-12-3.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-11 | LV-9-1.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-12 | LV-9-2.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-13 | HA-SB-10-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-14 | HA-SB-11-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-15 | HA-SB-07-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-16 | HA-SB-07-1.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-17 | HA-SB-07-2.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-18 | HA-SB-06-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-19 | HA-SB-06-1.0-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-20 | HA-SB-06-2.0-010424-01 | Total/NA | Solid | 3540C | |
| MB 240-599956/1-A | Method Blank | Total/NA | Solid | 3540C | |
| LCS 240-599956/2-A | Lab Control Sample | Total/NA | Solid | 3540C | |
| 570-166963-1 MS | HA-SB-13-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-1 MSD | HA-SB-13-0.5-010424-01 | Total/NA | Solid | 3540C | |

### Prep Batch: 599958

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-21 | HA-SB-05-0.5-010424-01 | Total/NA | Solid | 3540C | |
| 570-166963-22 | HA-SB-13-2.0-010424-01 | Total/NA | Solid | 3540C | |
| MB 240-599958/1-A | Method Blank | Total/NA | Solid | 3540C | |
| LCS 240-599958/2-A | Lab Control Sample | Total/NA | Solid | 3540C | |
| 570-167110-B-1-B MS | Matrix Spike | Total/NA | Solid | 3540C | |
| 570-167110-B-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 3540C | |

### Analysis Batch: 600158

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-1 | HA-SB-13-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-2 | HA-SB-13-1.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-3 | HA-SB-14-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-4 | HA-SB-14-1.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-5 | HA-SB-15-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-6 | HA-SB-15-1.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-7 | HA-SB-12-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-8 | HA-SB-12-1.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-9 | HA-SB-12-2.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-10 | HA-SB-12-3.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-11 | LV-9-1.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-13 | HA-SB-10-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-14 | HA-SB-11-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-15 | HA-SB-07-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-16 | HA-SB-07-1.0-010424-01 | Total/NA | Solid | 8082A | 599956 |

## GC Semi VOA (Continued)

### Analysis Batch: 600158 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-17 | HA-SB-07-2.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-18 | HA-SB-06-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-19 | HA-SB-06-1.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| MB 240-599956/1-A | Method Blank | Total/NA | Solid | 8082A | 599956 |
| LCS 240-599956/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 599956 |
| 570-166963-1 MS | HA-SB-13-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-1 MSD | HA-SB-13-0.5-010424-01 | Total/NA | Solid | 8082A | 599956 |

### Analysis Batch: 600193

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-12 | LV-9-2.0-010424-01 | Total/NA | Solid | 8082A | 599956 |
| 570-166963-20 | HA-SB-06-2.0-010424-01 | Total/NA | Solid | 8082A | 599956 |

### Analysis Batch: 600201

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-21 | HA-SB-05-0.5-010424-01 | Total/NA | Solid | 8082A | 599958 |
| 570-166963-22 | HA-SB-13-2.0-010424-01 | Total/NA | Solid | 8082A | 599958 |
| MB 240-599958/1-A | Method Blank | Total/NA | Solid | 8082A | 599958 |
| LCS 240-599958/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 599958 |
| 570-167110-B-1-B MS | Matrix Spike | Total/NA | Solid | 8082A | 599958 |
| 570-167110-B-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8082A | 599958 |

## Metals

### Prep Batch: 399904

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-6 | HA-SB-15-1.0-010424-01 | Total/NA | Solid | 3051A | |
| MB 570-399904/1-A ^2 | Method Blank | Total/NA | Solid | 3051A | |
| LCS 570-399904/2-A ^2 | Lab Control Sample | Total/NA | Solid | 3051A | |
| LCSD 570-399904/3-A ^2 | Lab Control Sample Dup | Total/NA | Solid | 3051A | |
| 570-166963-6 MS | HA-SB-15-1.0-010424-01 | Total/NA | Solid | 3051A | |
| 570-166963-6 MSD | HA-SB-15-1.0-010424-01 | Total/NA | Solid | 3051A | |

### Analysis Batch: 400108

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-6 | HA-SB-15-1.0-010424-01 | Total/NA | Solid | 6010B | 399904 |
| MB 570-399904/1-A ^2 | Method Blank | Total/NA | Solid | 6010B | 399904 |
| LCS 570-399904/2-A ^2 | Lab Control Sample | Total/NA | Solid | 6010B | 399904 |
| LCSD 570-399904/3-A ^2 | Lab Control Sample Dup | Total/NA | Solid | 6010B | 399904 |
| 570-166963-6 MS | HA-SB-15-1.0-010424-01 | Total/NA | Solid | 6010B | 399904 |
| 570-166963-6 MSD | HA-SB-15-1.0-010424-01 | Total/NA | Solid | 6010B | 399904 |

## General Chemistry

### Analysis Batch: 399587

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-1 | HA-SB-13-0.5-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-2 | HA-SB-13-1.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-3 | HA-SB-14-0.5-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-4 | HA-SB-14-1.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-5 | HA-SB-15-0.5-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-6 | HA-SB-15-1.0-010424-01 | Total/NA | Solid | 2540G | |

## General Chemistry (Continued)

### Analysis Batch: 399587 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-7 | HA-SB-12-0.5-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-8 | HA-SB-12-1.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-9 | HA-SB-12-2.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-10 | HA-SB-12-3.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-11 | LV-9-1.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-12 | LV-9-2.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-13 | HA-SB-10-0.5-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-14 | HA-SB-11-0.5-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-15 | HA-SB-07-0.5-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-16 | HA-SB-07-1.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-17 | HA-SB-07-2.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-18 | HA-SB-06-0.5-010424-01 | Total/NA | Solid | 2540G | |
| MB 570-399587/1 | Method Blank | Total/NA | Solid | 2540G | |
| 570-166963-1 DU | HA-SB-13-0.5-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-11 DU | LV-9-1.0-010424-01 | Total/NA | Solid | 2540G | |

### Analysis Batch: 399588

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-166963-19 | HA-SB-06-1.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-20 | HA-SB-06-2.0-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-21 | HA-SB-05-0.5-010424-01 | Total/NA | Solid | 2540G | |
| 570-166963-22 | HA-SB-13-2.0-010424-01 | Total/NA | Solid | 2540G | |
| MB 570-399588/1 | Method Blank | Total/NA | Solid | 2540G | |
| 570-167110-A-11 DU | Duplicate | Total/NA | Solid | 2540G | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-166963-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-13-0.5-010424-01
**Lab Sample ID: 570-166963-1**
**Date Collected: 01/04/24 08:45**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.11 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 20:18 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-13-1.0-010424-01
**Lab Sample ID: 570-166963-2**
**Date Collected: 01/04/24 09:00**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.18 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 21:01 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-14-0.5-010424-01
**Lab Sample ID: 570-166963-3**
**Date Collected: 01/04/24 09:10**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.21 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 21:16 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-14-1.0-010424-01
**Lab Sample ID: 570-166963-4**
**Date Collected: 01/04/24 09:15**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.17 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 21:30 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-166963-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-15-0.5-010424-01
**Lab Sample ID: 570-166963-5**
**Date Collected: 01/04/24 09:25**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.11 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 21:45 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-15-1.0-010424-01
**Lab Sample ID: 570-166963-6**
**Date Collected: 01/04/24 09:35**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.20 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 21:59 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Prep | 3051A | | | 0.51 g | 50 mL | 399904 | 01/10/24 09:51 | JP8N | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 400108 | 01/10/24 17:09 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-12-0.5-010424-01
**Lab Sample ID: 570-166963-7**
**Date Collected: 01/04/24 09:45**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.38 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 22:14 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-12-1.0-010424-01
**Lab Sample ID: 570-166963-8**
**Date Collected: 01/04/24 09:50**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.22 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 22:28 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-166963-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-12-2.0-010424-01
**Lab Sample ID: 570-166963-9**
**Date Collected: 01/04/24 09:55**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.28 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 22:43 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-12-3.0-010424-01
**Lab Sample ID: 570-166963-10**
**Date Collected: 01/04/24 10:00**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.26 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 22:57 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: LV-9-1.0-010424-01
**Lab Sample ID: 570-166963-11**
**Date Collected: 01/04/24 10:10**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.18 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 23:12 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: LV-9-2.0-010424-01
**Lab Sample ID: 570-166963-12**
**Date Collected: 01/04/24 10:15**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.23 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600193 | 01/15/24 12:32 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-166963-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-10-0.5-010424-01
**Lab Sample ID: 570-166963-13**
**Date Collected: 01/04/24 10:30**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.32 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 10 | 1 mL | 1 mL | 600158 | 01/12/24 23:41 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-11-0.5-010424-01
**Lab Sample ID: 570-166963-14**
**Date Collected: 01/04/24 10:35**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.13 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/12/24 23:55 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-07-0.5-010424-01
**Lab Sample ID: 570-166963-15**
**Date Collected: 01/04/24 11:00**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.16 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 10 | 1 mL | 1 mL | 600158 | 01/13/24 00:53 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-07-1.0-010424-01
**Lab Sample ID: 570-166963-16**
**Date Collected: 01/04/24 11:05**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.15 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 10 | 1 mL | 1 mL | 600158 | 01/13/24 01:08 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-166963-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-07-2.0-010424-01
**Lab Sample ID: 570-166963-17**
**Date Collected: 01/04/24 11:10**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.32 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/13/24 01:22 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-06-0.5-010424-01
**Lab Sample ID: 570-166963-18**
**Date Collected: 01/04/24 11:55**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.25 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/13/24 01:37 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399587 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-06-1.0-010424-01
**Lab Sample ID: 570-166963-19**
**Date Collected: 01/04/24 12:00**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.31 g | 10 mL | 599956 | 01/11/24 08:57 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600158 | 01/13/24 01:51 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-06-2.0-010424-01
**Lab Sample ID: 570-166963-20**
**Date Collected: 01/04/24 12:05**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.13 g | 10 mL | 599956 | 01/11/24 08:58 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600193 | 01/15/24 12:47 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-166963-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-05-0.5-010424-01
**Lab Sample ID: 570-166963-21**
**Date Collected: 01/04/24 12:20**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.18 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 18:25 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-13-2.0-010424-01
**Lab Sample ID: 570-166963-22**
**Date Collected: 01/04/24 14:05**
**Matrix: Solid**
**Date Received: 01/04/24 16:40**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.14 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 12:39 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

**Laboratory References:**
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494
EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

# Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-166963-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 3082 | 07-31-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 2540G | | Solid | Percent Moisture |

| | | | |
|---|---|---|---|
| Oregon | NELAP | 4175 | 02-02-24 |

## Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2927 | 02-27-24 |
| Georgia | State | 4062 | 02-27-24 |
| Illinois | NELAP | 200004 | 07-31-24 |
| Iowa | State | 421 | 06-01-25 |
| Kentucky (UST) | State | 112225 | 02-28-24 |
| Kentucky (WW) | State | KY98016 | 12-30-24 |
| Michigan | State | 9135 | 02-27-24 |
| Minnesota | NELAP | 039-999-348 | 12-31-24 |
| New Jersey | NELAP | OH001 | 07-01-24 |
| New York | NELAP | 10975 | 04-01-24 |
| Ohio | State | 8303 | 02-27-24 |
| Ohio VAP | State | ORELAP 4062 | 02-27-24 |
| Oregon | NELAP | 4062 | 02-27-24 |
| Pennsylvania | NELAP | 68-00340 | 08-31-24 |
| Texas | NELAP | T104704517-22-19 | 08-31-24 |
| USDA | US Federal Programs | P330-18-00281 | 01-05-27 |
| Virginia | NELAP | 460175 | 09-14-24 |
| West Virginia DEP | State | 210 | 12-31-24 |

# Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-166963-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | EET CLE |
| 6010B | Metals (ICP) | SW846 | EET CAL 4 |
| 2540G | Percent Moisture | SM | EET CAL 4 |
| 3051A | Preparation, Metals, Microwave Assisted | SW846 | EET CAL 4 |
| 3540C | Soxhlet Extraction | SW846 | EET CLE |

**Protocol References:**

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CAL 4 = Eurofins Calscience  Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

# Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-166963-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 570-166963-1 | HA-SB-13-0.5-010424-01 | Solid | 01/04/24 08:45 | 01/04/24 16:40 |
| 570-166963-2 | HA-SB-13-1.0-010424-01 | Solid | 01/04/24 09:00 | 01/04/24 16:40 |
| 570-166963-3 | HA-SB-14-0.5-010424-01 | Solid | 01/04/24 09:10 | 01/04/24 16:40 |
| 570-166963-4 | HA-SB-14-1.0-010424-01 | Solid | 01/04/24 09:15 | 01/04/24 16:40 |
| 570-166963-5 | HA-SB-15-0.5-010424-01 | Solid | 01/04/24 09:25 | 01/04/24 16:40 |
| 570-166963-6 | HA-SB-15-1.0-010424-01 | Solid | 01/04/24 09:35 | 01/04/24 16:40 |
| 570-166963-7 | HA-SB-12-0.5-010424-01 | Solid | 01/04/24 09:45 | 01/04/24 16:40 |
| 570-166963-8 | HA-SB-12-1.0-010424-01 | Solid | 01/04/24 09:50 | 01/04/24 16:40 |
| 570-166963-9 | HA-SB-12-2.0-010424-01 | Solid | 01/04/24 09:55 | 01/04/24 16:40 |
| 570-166963-10 | HA-SB-12-3.0-010424-01 | Solid | 01/04/24 10:00 | 01/04/24 16:40 |
| 570-166963-11 | LV-9-1.0-010424-01 | Solid | 01/04/24 10:10 | 01/04/24 16:40 |
| 570-166963-12 | LV-9-2.0-010424-01 | Solid | 01/04/24 10:15 | 01/04/24 16:40 |
| 570-166963-13 | HA-SB-10-0.5-010424-01 | Solid | 01/04/24 10:30 | 01/04/24 16:40 |
| 570-166963-14 | HA-SB-11-0.5-010424-01 | Solid | 01/04/24 10:35 | 01/04/24 16:40 |
| 570-166963-15 | HA-SB-07-0.5-010424-01 | Solid | 01/04/24 11:00 | 01/04/24 16:40 |
| 570-166963-16 | HA-SB-07-1.0-010424-01 | Solid | 01/04/24 11:05 | 01/04/24 16:40 |
| 570-166963-17 | HA-SB-07-2.0-010424-01 | Solid | 01/04/24 11:10 | 01/04/24 16:40 |
| 570-166963-18 | HA-SB-06-0.5-010424-01 | Solid | 01/04/24 11:55 | 01/04/24 16:40 |
| 570-166963-19 | HA-SB-06-1.0-010424-01 | Solid | 01/04/24 12:00 | 01/04/24 16:40 |
| 570-166963-20 | HA-SB-06-2.0-010424-01 | Solid | 01/04/24 12:05 | 01/04/24 16:40 |
| 570-166963-21 | HA-SB-05-0.5-010424-01 | Solid | 01/04/24 12:20 | 01/04/24 16:40 |
| 570-166963-22 | HA-SB-13-2.0-010424-01 | Solid | 01/04/24 14:05 | 01/04/24 16:40 |

eurofins | Calscience

Loc: 570
166963

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 1/4/2023
PAGE: 1 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: HALEY & ALDRICH INC
ADDRESS: 3187 RED HILL AVE SUITE 155
CITY: COSTA MESA STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTSIATSIOS@HALEYALDRICH.COM

CLIENT PROJECT NAME / NO.: ROSEMEAD PCB SAMPLING
P.O. NO.: 209476-003
PROJECT CONTACT: JV ~~CTSTA~~ CHRIS TSIATSIOS
ECI PROJECT #: ECI PROJECT #57 018JJ2
GLOBAL ID: LOG CODE:
SAMPLER(S): (PRINT) JV

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
JV
~~REPORT~~ DRY WEIGHT CORRECTION

EMAIL DISTRIBUTION: SLONG, CTSIATSIOS, FALONSO, JVANZEMAR @HALEYALDRICH.COM

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

Updated COC received from Chris Tsiatsios (H&A) on 01/09/24 @16:37pm -Virendra (ECI)

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT | Unpreserved | Preserved | Field Filtered | 8082 / 3540C | Moisture Content 2540G | Lead 6010B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HA-SB-13-0.5-010424-01 | HA-SB-13 | 1/4/24 | 0845 | Soil | 1 | X | | | X | X | |
| 2 | HA-SB-13-1.0-010424-01 | HA-SB-13 | | 0900 | Soil | 1 | X | | | X | X | |
| 3 | HA-SB-14-0.5-010424-01 | HA-SB-14 | | 0910 | Soil | 1 | X | | | X | X | |
| 4 | HA-SB-14-1.0-010424-01 | HA-SB-14 | | 0915 | Soil | 1 | X | | | X | X | |
| 5 | HA-SB-15-0.5-010424-01 | HA-SB-15 | | 0925 | Soil | 1 | X | | | X | X | |
| 6 | HA-SB-15-1.0-010424-01 | HA-SB-15 | | 0935 | Soil | 1 | X | | | X | X | X |
| 7 | HA-SB-12-0.5-010424-01 | HA-SB-12 | | 0945 | Soil | 1 | X | | | X | X | |
| 8 | HA-SB-12-1.0-010424-01 | HA-SB-12 | | 0950 | Soil | 1 | X | | | X | X | |
| 9 | HA-SB-12-2.0-010424-01 | HA-SB-12 | | 0955 | Soil | 1 | X | | | X | X | |
| 10 | HA-SB-12-3.0-010424-01 | HA-SB-12 | | 1000 | Soil | 1 | X | | | X | X | |

570-166963 Chain of Custody

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) JV | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1420 |
| Relinquished by: (Signature) EC | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1640 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

1.6/1.8 SCM

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 1/4/2023
PAGE: 2 OF 3

WO NO. / LAB USE ONLY:

LABORATORY CLIENT: HALEY & ALDRICH INC
ADDRESS: 3187 RED HILL AVE SUITE 155
CITY: COSTA MESA STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTSIATSIOS@HALEYALDRICH

CLIENT PROJECT NAME / NO.: ROSEMEAD PCB SAMPLING
P.O. NO.: 209475-003
PROJECT CONTACT: CHRIS TSIATSIOS
ECI PROJECT #: ECI PROJECT # 57018332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): JV

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
JV REPORT DRY WEIGHT CORRECTION
EMAIL DISTRIBUTION: SCONG, CTSIATSIOS, FALONSO, JVANDERML @HALEYALDRICH.COM

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

Updated COC received from Chris Tsiatsios (H&A) on 01/09/24 @16:37pm -Virendra (ECI)

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | 8082 / 3540C | MOISTURE CONTENT ASTM D2974 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | LV-9-1.0-010424-01 | LV-9 | 1/4/24 | 1010 | SOIL | 1 | X | | | X | X |
| 12 | LV-9-2.0-010424-01 | LV-9 | | 1015 | SOIL | 1 | X | | | X | X |
| 13 | HA-SB-10-0.5-010424-01 | HA-SB-10 | | 1030 | SOIL | 1 | X | | | X | X |
| 14 | HA-SB-11-0.5-010424-01 | HA-SB-11 | | 1035 | SOIL | 1 | X | | | X | X |
| 15 | HA-SB-07-0.5-010424-01 | HA-SB-07 | | 1100 | SOIL | 1 | X | | | X | X |
| 16 | HA-SB-07-1.0-010424-01 | HA-SB-07 | | 1105 | SOIL | 1 | X | | | X | X |
| 17 | HA-SB-07-2.0-010424-01 | HA-SB-07 | | 1110 | SOIL | 1 | X | | | X | X |
| 18 | HA-SB-06-0.5-010424-01 | HA-SB-06 | | 1155 | SOIL | 1 | X | | | X | X |
| 19 | HA-SB-06-1.0-010424-01 | HA-SB-06 | | 1200 | SOIL | 1 | X | | | X | X |
| 20 | HA-SB-06-2.0-010424-01 | HA-SB-06 | | 1205 | SOIL | 1 | X | | | X | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1420 |
| Relinquished by: (Signature) EC | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1640 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 1/4/2023
PAGE: 3 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: HALEY & ALDRICH INC.
ADDRESS: 3187 RED HILL AVENUE SUITE 155
CITY: COSTA MESA STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTSIATSIOS@HALEYALDRICH.COM

CLIENT PROJECT NAME / NO.: ROSEMEAD PCB SAMPLING
PROJECT CONTACT: CHRIS TSIATSIOS
GLOBAL ID:
LOG CODE:
P.O. NO.: 209472-003
ECI PROJECT #: ECI PROJECT # 5701833.2
SAMPLER(S): (PRINT): JV

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
~~REPORT~~ DRY WEIGHT CORRECTION
EMAIL DISTRIBUTION: SLONG, CTSIATSIOS, FALONSO, JVANDERVAL @HALEYALDRICH.COM.

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

Updated COC received from Chris Tsiatsios (H&A) on 01/09/24 @16:37pm -Virendra (ECI)

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | 8082 / 3540 C | Moisture content 2540G | CN field |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | HA-SS-25-0.5-010424-01 | HA-SS-25 | 1/4/24 | 1220 | Soil | 1 | X | | | X | X | |
| 22 | HA-SS-13-2.0-010424-01 | HA-SS-13 | 1/4/24 | 1405 | Soil | 1 | X | | | X | X | |
| 23 | HV-8-1.0-010424-01 | HV-8 | 1/4/24 | 1230 | Soil | 1 | X | | JV | X | | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1420 |
| Relinquished by: (Signature) EC | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1640 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

Loc: 570
166963

WO NO. / LAB USE ONLY

# CHAIN-OF-CUSTODY RECORD

DATE: 1/4/2023
PAGE: 1 OF 3

LABORATORY CLIENT: HALEY & ALDRICH INC
ADDRESS: 3187 RED HILL AVE SUITE 155
CITY: COSTA MESA STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTSIATSIOS@HALEYALDRICH.COM

CLIENT PROJECT NAME / NO.: ROSEMEAD PCB SAMPLING
P.O. NO.: 209476-003
PROJECT CONTACT: JV ~~CFSTA~~ CHRIS TSIATSIOS
ECI PROJECT #: ECI PROJECT #57 018332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) JV

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
JV ~~REPORT~~ DRY WEIGHT CORRECTION

EMAIL DISTRIBUTION: SLONG, CTSIATSIOS, FALONSO, JVANDERWAL @HALEYALDRICH.COM

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | 8082 | Moisture Content 2540G |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HA-SB-13-0.5-010424-01 | HA-SB-13 | 1/4/24 | 0845 | Soil | 1 | X | | | X | |
| 2 | HA-SB-13-1.0-010424-01 | HA-SB-13 | | 0900 | Soil | 1 | X | | | X | |
| 3 | HA-SB-14-0.5-010424-01 | HA-SB-14 | | 0910 | Soil | 1 | X | | | X | |
| 4 | HA-SB-14-1.0-010424-01 | HA-SB-14 | | 0915 | Soil | 1 | X | | | X | |
| 5 | HA-SB-15-0.5-010424-01 | HA-SB-15 | | 0925 | Soil | 1 | X | | | X | |
| 6 | HA-SB-15-1.0-010424-01 | HA-SB-15 | | 0935 | Soil | 1 | X | | | X | |
| 7 | HA-SB-12-0.5-010424-01 | HA-SB-12 | | 0945 | Soil | 1 | X | | | X | |
| 8 | HA-SB-12-1.0-010424-01 | HA-SB-12 | | 0950 | Soil | 1 | X | | | X | |
| 9 | HA-SB-12-2.0-010424-01 | HA-SB-12 | | 0955 | Soil | 1 | X | | | X | X |
| 10 | HA-SB-12-3.0-010424-01 | HA-SB-12 | | 1000 | Soil | 1 | X | | | X | |

570-166963 Chain of Custody

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) JV | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1420 |
| Relinquished by: (Signature) EC | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1640 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

1.6/1.8 SCM

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 1/4/2023
PAGE: 2 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: HALEY & ALDRICH INC
ADDRESS: 3187 RED HILL AVE SUITE 155
CITY: COSTA MESA STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTSIATSIOS@HALEYALDRICH

CLIENT PROJECT NAME / NO.: ROSEMEAD PCB SAMPLING
P.O. NO.: 209475-003
PROJECT CONTACT: CHRIS TSIATSIOS
ECI PROJECT #: ECI PROJECT # 5701833Z
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) JV

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
JV ~~REPORT~~ DRY WEIGHT CORRECTION
EMAIL DISTRIBUTION: SCONG, CTSIATSIOS, FALONSO, JVANDERVAL @HALEYALDRICH.COM

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | 8082 | MOISTURE CONTENT 2540G |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | LV-9-1.0-010424-01 | LV-9 | 1/4/24 | 1010 | Soil | 1 | X | | | X | |
| 12 | LV-9-2.0-010424-01 | LV-9 | | 1015 | Soil | 1 | X | | | X | |
| 13 | HA-SB-10-0.5-010424-01 | HA-SB-10 | | 1030 | Soil | 1 | X | | | X | |
| 14 | HA-SB-11-0.5-010424-01 | HA-SB-11 | | 1035 | Soil | 1 | X | | | X | |
| 15 | HA-SB-07-0.5-010424-01 | HA-SB-07 | | 1100 | Soil | 1 | X | | | X | |
| 16 | HA-SB-07-1.0-010424-01 | HA-SB-07 | | 1105 | Soil | 1 | X | | | X | |
| 17 | HA-SB-07-2.0-010424-01 | HA-SB-07 | | 1110 | Soil | 1 | X | | | X | |
| 18 | HA-SB-06-0.5-010424-01 | HA-SB-06 | | 1155 | Soil | 1 | X | | | X | |
| 19 | HA-SB-06-1.0-010424-01 | HA-SB-06 | | 1200 | Soil | 1 | X | | | X | |
| 20 | HA-SB-06-2.0-010424-01 | HA-SB-06 | | 1205 | Soil | 1 | X | | | X | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1420 |
| Relinquished by: (Signature) EC | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1640 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 1/4/2024
PAGE: 3 OF 3

LABORATORY CLIENT: Haley & Aldrich Inc.
ADDRESS: 3187 Red Hill Avenue Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTsiatsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead PCB Sampling
P.O. NO.: 209472-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT # 5701833
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) JV

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
JV
Report Dry weight correction
Email Distribution: SLong, CTsiatsios, FAlonso, JVanderwal @ haleyaldrich.com.

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | 8082 | Moisture content 2540G | | On Hold | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | HA-SB-05-0.5-010424-01 | HA-SB-05 | 1/4/24 | 1220 | Soil | 1 | X | | | X | | | | | | | | | | | | | | | | | | |
| 22 | HA-SB-13-2.0-010424-01 | HA-SB-13 | 1/4/24 | 1405 | Soil | 1 | X | | | X | | | | | | | | | | | | | | | | | | |
| 23 | EW-8-1.0-010424-01 | EW-8 | 1/4/24 | 1230 | Soil | 1 | X | | JV | X | | | X | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) JV EC | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1420 |
| Relinquished by: (Signature) EC | Received by: (Signature/Affiliation) EC | Date: 1/4/24 | Time: 1640 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

**Eurofins Calscience**
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

# Chain of Custody Record

2.7/3.6

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: | Lab PM: Patel, Virendra | Carrier Tracking No(s): | COC No: 570-337697.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: | E-Mail: Virendra.Patel@et.eurofinsus.com | State of Origin: California | Page: Page 1 of 3 |
| Company: Eurofins Environment Testing North Centr | | Accreditations Required (See note): NELAP - Oregon; State - California | | Job #: 570-166963-1 |
| Address: 180 S. Van Buren Avenue, , | Due Date Requested: 1/22/2024 | | | |
| City: Barberton | TAT Requested (days): | | | |
| State, Zip: OH, 44203 | PO #: | | | |
| Phone: 330-497-9396(Tel) 330-497-0772(Fax) | WO #: | | | |
| Email: | Project #: 57018332 | | | |
| Project Name: Rosemead PCB Sampling / 209476-003 | SSOW#: | | | |
| Site: | | | | |

**Analysis Requested**

**Preservation Codes:**
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

E194

Special Instructions/Note:

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8082A/3540C Standard PCB List 9 Aroclors | Total Number of containers |
|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | |
| HA-SB-13-0.5-010424-01 (570-166963-1) | 1/4/24 | 08:45 Pacific | | Solid | | | X | 1 |
| HA-SB-13-1.0-010424-01 (570-166963-2) | 1/4/24 | 09:00 Pacific | | Solid | | | X | 1 |
| HA-SB-14-0.5-010424-01 (570-166963-3) | 1/4/24 | 09:10 Pacific | | Solid | | | X | 1 |
| HA-SB-14-1.0-010424-01 (570-166963-4) | 1/4/24 | 09:15 Pacific | | Solid | | | X | 1 |
| HA-SB-15-0.5-010424-01 (570-166963-5) | 1/4/24 | 09:25 Pacific | | Solid | | | X | 1 |
| HA-SB-15-1.0-010424-01 (570-166963-6) | 1/4/24 | 09:35 Pacific | | Solid | | | X | 1 |
| HA-SB-12-0.5-010424-01 (570-166963-7) | 1/4/24 | 09:45 Pacific | | Solid | | | X | 1 |
| HA-SB-12-1.0-010424-01 (570-166963-8) | 1/4/24 | 09:50 Pacific | | Solid | | | X | 1 |
| HA-SB-12-2.0-010424-01 (570-166963-9) | 1/4/24 | 09:55 Pacific | | Solid | | | X | 1 |

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

| Possible Hazard Identification: Unconfirmed | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months |
|---|---|
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time | Company | Received by: | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | | 21/01/24 1906 | EC | A Atkeson | 1-10-24 1025 | GEL TNC |
| 2 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time | Company |
| 3 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Ver: 06/08/2021



1/17/2024

**Eurofins Calscience**
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: | Lab PM: Patel, Virendra | Carrier Tracking No(s): | COC No: 570-337697.2 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: | E-Mail: Virendra.Patel@et.eurofinsus.com | State of Origin: California | Page: Page 2 of 3 |
| Company: Eurofins Environment Testing North Centr | | Accreditations Required (See note): NELAP - Oregon; State - California | | Job #: 570-166963-1 |
| Address: 180 S. Van Buren Avenue, , | Due Date Requested: 1/22/2024 | | | |
| City: Barberton | TAT Requested (days): | | | |
| State, Zip: OH, 44203 | | | | |
| Phone: 330-497-9396(Tel) 330-497-0772(Fax) | PO #: | | | |
| Email: | WO #: | | | |
| Project Name: Rosemead PCB Sampling / 209476-003 | Project #: 57018332 | | | |
| Site: | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

E194

Special Instructions/Note:

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8082A/3540C Standard PCB List 9 Aroclors | Total Number of containers |
|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | |
| HA-SB-12-3.0-010424-01 (570-166963-10) | 1/4/24 | 10:00 Pacific | | Solid | | | X | 1 |
| LV-9-1.0-010424-01 (570-166963-11) | 1/4/24 | 10:10 Pacific | | Solid | | | X | 1 |
| LV-9-2.0-010424-01 (570-166963-12) | 1/4/24 | 10:15 Pacific | | Solid | | | X | 1 |
| HA-SB-10-0.5-010424-01 (570-166963-13) | 1/4/24 | 10:30 Pacific | | Solid | | | X | 1 |
| HA-SB-11-0.5-010424-01 (570-166963-14) | 1/4/24 | 10:35 Pacific | | Solid | | | X | 1 |
| HA-SB-07-0.5-010424-01 (570-166963-15) | 1/4/24 | 11:00 Pacific | | Solid | | | X | 1 |
| HA-SB-07-1.0-010424-01 (570-166963-16) | 1/4/24 | 11:05 Pacific | | Solid | | | X | 1 |
| HA-SB-07-2.0-010424-01 (570-166963-17) | 1/4/24 | 11:10 Pacific | | Solid | | | X | 1 |
| HA-SB-06-0.5-010424-01 (570-166963-18) | 1/4/24 | 11:55 Pacific | | Solid | | | X | 1 |

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

| Possible Hazard Identification: Unconfirmed | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months |
|---|---|
| Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Empty Kit Relinquished by: | | Date: | | Time: | | Method of Shipment: | |
| Relinquished by: | Date/Time: 01/03/24 14:06 | Company: EC | Received by: AAHeson | Date/Time: 1.10.24 1025 | Company: EETNC | | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company | | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021



1/17/2024

**Eurofins Calscience**
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: | Lab PM: Patel, Virendra | Carrier Tracking No(s): | COC No: 570-337697.3 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: | E-Mail: Virendra.Patel@et.eurofinsus.com | State of Origin: California | Page: Page 3 of 3 |
| Company: Eurofins Environment Testing North Centr | | Accreditations Required (See note): NELAP - Oregon; State - California | | Job #: 570-166963-1 |
| Address: 180 S. Van Buren Avenue, , | Due Date Requested: 1/22/2024 | | | |
| City: Barberton | TAT Requested (days): | | | |
| State, Zip: OH, 44203 | | | | |
| Phone: 330-497-9396(Tel) 330-497-0772(Fax) | PO #: | | | |
| Email: | WO #: | | | |
| Project Name: Rosemead PCB Sampling / 209476-003 | Project #: 57018332 | | | |
| Site: | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

E194

Special Instructions/Note:

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8082A/3540C Standard PCB List 9 Aroclors | Total Number of containers |
|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | |
| HA-SB-06-1.0-010424-01 (570-166963-19) | 1/4/24 | 12:00 Pacific | | Solid | | | X | 1 |
| HA-SB-06-2.0-010424-01 (570-166963-20) | 1/4/24 | 12:05 Pacific | | Solid | | | X | 1 |
| HA-SB-05-0.5-010424-01 (570-166963-21) | 1/4/24 | 12:20 Pacific | | Solid | | | X | 1 |
| HA-SB-13-2.0-010424-01 (570-166963-22) | 1/4/24 | 14:05 Pacific | | Solid | | | X | 1 |

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

| ***Possible Hazard Identification*** | ***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*** |
|---|---|
| *Unconfirmed* | ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months* |
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | | 01/04/24 19:06 | EC | AAtkeson | 1-10-24 1025 | EETNC |
| 2 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| 3 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Ver: 06/08/2021

**Eurofins – Cleveland Sample Receipt Form/Narrative** Login # :_____
**Barberton Facility**

Client EF Calscience Site Name_____ Cooler unpacked by: Alicia Adler

Cooler Received on 1·10·24 Opened on 1·10·24

FedEx: 1st Grd (Exp) UPS FAS Waypoint Client Drop Off Eurofins Courier Other_____

**Receipt After-hours**: Drop-off Date/Time_____ Storage Location_____

Eurofins Cooler # EC Foam Box Client Cooler Box Other_____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other_____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 19 (CF +0.9 °C) Observed Cooler Temp. 2.7 °C Corrected Cooler Temp. 3.6 °C

| | | |
|---|---|---|
| 2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 | (Yes) | No |
| -Were the seals on the outside of the cooler(s) signed & dated? | (Yes) | No NA |
| -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? | Yes | (No) |
| -Were tamper/custody seals intact and uncompromised? | (Yes) | No NA |
| 3. Shippers' packing slip attached to the cooler(s)? | (Yes) | No |
| 4. Did custody papers accompany the sample(s)? | (Yes) | No |
| 5. Were the custody papers relinquished & signed in the appropriate place? | (Yes) | No |
| 6. Was/were the person(s) who collected the samples clearly identified on the COC? | Yes | (No) |
| 7. Did all bottles arrive in good condition (Unbroken)? | (Yes) | No |
| 8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? | (Yes) | No |
| 9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)? | (Y) | (Y) (Y) |
| 10. Were correct bottle(s) used for the test(s) indicated? | (Yes) | No |
| 11. Sufficient quantity received to perform indicated analyses? | (Yes) | No |
| 12. Are these work share samples and all listed on the COC? | (Yes) | No |
| If yes, Questions 13-17 have been checked at the originating laboratory. | | |
| 13. Were all preserved sample(s) at the correct pH upon receipt? | Yes | No NA pH Strip Lot# HC316719 |
| 14. Were VOAs on the COC? | Yes | No |
| 15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this. | Yes | No NA |
| 16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ | Yes | No |
| 17. Was a LL Hg or Me Hg trip blank present? _____ | Yes | No |

**Tests that are not checked for pH by Receiving:**
**VOAs**
**Oil and Grease**
**TOC**

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

**18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES** ☐ additional next page

Samples processed by:

Received Sample #23 not listed on COC

**19. SAMPLE CONDITION**

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

**20. SAMPLE PRESERVATION**

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

Fe

Do not lift using this tag.

Part # 159469-434 MTW EXP 09/24

ORIGIN ID:DTHA (949) 260-1022
SAMPLE CONTROL
EUROFINS CALSCIENCE
2841 DOW AVE
SUITE 100
TUSTIN, CA 927807211
UNITED STATES US

SHIP DATE: 09JAN24
ACTWGT: 40.00 LB MAN
CAD: 0343492/CAFE3755

BILL SENDER

TO SHIPPING/RECEIVING
EUROFINS ENVIRONMENT TESTING NORTH
180 S. VAN BUREN AVENUE

BARBERTON OH 44203
(330) 497-9396
PO: YES

REF: 8570-91903

FedEx Express

TRK# 0201 7256 7306 7277

WED - 10 JAN 10:30A
PRIORITY OVERNIGHT

XN CAKA

44203
OH-US CLE

# Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-166963-1

**Login Number: 166963**
**List Number: 1**
**Creator: Kasianchuk, Ivanna**

**List Source: Eurofins Calscience**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Chris Tsiatsios
Haley & Aldrich, Inc.
3187 Red HIll Avenue
Suite 155
Costa Mesa, California 92626

Generated 1/22/2024 11:56:53 AM

## JOB DESCRIPTION

Rosemead PCB Sampling / 209476-003

## JOB NUMBER

570-167110-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

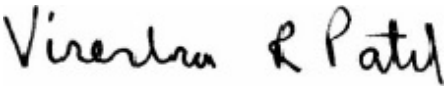
See page two for job notes and contact information.

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

## Authorization



Generated
1/22/2024 11:56:53 AM

Authorized for release by
Virendra Patel, Project Manager I
Virendra.Patel@et.eurofinsus.com
(714)895-5494

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 3
Definitions/Glossary . . . . . 4
Case Narrative . . . . . 5
Detection Summary . . . . . 6
Client Sample Results . . . . . 7
Surrogate Summary . . . . . 14
QC Sample Results . . . . . 15
QC Association Summary . . . . . 18
Lab Chronicle . . . . . 20
Certification Summary . . . . . 24
Method Summary . . . . . 25
Sample Summary . . . . . 26
Chain of Custody . . . . . 27
Receipt Checklists . . . . . 35

# Definitions/Glossary

Client: Haley & Aldrich, Inc. Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### General Chemistry

| Qualifier | Qualifier Description |
|---|---|
| F3 | Duplicate RPD exceeds the control limit |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-167110-1 Eurofins Calscience

**Job Narrative**
**570-167110-1**

**Receipt**
The samples were received on 1/5/2024 3:36 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0º C.

**GC Semi VOA**
Method 8082A: The %RPD between the primary and confirmation column exceeded 40% for Aroclor-1262 for the following sample: HA-SB-04-1.0-010524-01 (570-167110-2). The lower value has been reported and qualified in accordance with the laboratory's SOP.

Method 8082A: The matrix spike (MS) recoveries for preparation batch 240-599958 and analytical batch 240-600201 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: (570-167861-B-3-A), (570-167861-B-3-B MS) and (570-167861-B-3-C MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**General Chemistry**
Method Moisture - 2540: The sample duplicate (DUP) precision for analytical batch 570-399588 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-02-0.5-010524-01 — Lab Sample ID: 570-167110-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 | 12000 | F1 | 490 | 220 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-04-1.0-010524-01 — Lab Sample ID: 570-167110-2

No Detections.

## Client Sample ID: HA-SB-04-0.5-010524-01 — Lab Sample ID: 570-167110-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1100 | | 410 | 190 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-03-0.5-010524-01 — Lab Sample ID: 570-167110-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 1800 | | 460 | 210 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-01-0.5-010524-01 — Lab Sample ID: 570-167110-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 330 | J | 460 | 210 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-02-1.0-010524-01 — Lab Sample ID: 570-167110-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 5700 | | 460 | 210 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-13-2.0-010524-01 — Lab Sample ID: 570-167110-7

No Detections.

## Client Sample ID: HA-SB-13-4.0-010524-01 — Lab Sample ID: 570-167110-8

No Detections.

## Client Sample ID: HA-SB-13-3.0-010524-01 — Lab Sample ID: 570-167110-9

No Detections.

## Client Sample ID: HA-SB-13-5.0-010524-01 — Lab Sample ID: 570-167110-10

No Detections.

## Client Sample ID: HA-SB-11-1.0-010524-01 — Lab Sample ID: 570-167110-11

No Detections.

## Client Sample ID: HA-SB-11-2.0-010524-01 — Lab Sample ID: 570-167110-12

No Detections.

## Client Sample ID: HA-SB-11-3.0-010524-01 — Lab Sample ID: 570-167110-13

No Detections.

## Client Sample ID: HA-SB-11-4.0-010524-01 — Lab Sample ID: 570-167110-14

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: HA-SB-02-0.5-010524-01**
**Lab Sample ID: 570-167110-1**
**Date Collected: 01/05/24 08:10**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 490 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 13:14 | 1 |
| Aroclor-1221 | ND | | 490 | 240 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 13:14 | 1 |
| Aroclor-1232 | ND | | 490 | 230 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 13:14 | 1 |
| Aroclor-1242 | ND | | 490 | 190 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 13:14 | 1 |
| Aroclor-1248 | ND | | 490 | 240 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 13:14 | 1 |
| Aroclor-1254 | ND | | 490 | 230 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 13:14 | 1 |
| **Aroclor-1260** | **12000** | **F1** | 490 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 13:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *71* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 13:14* | *1* |
| *DCB Decachlorobiphenyl* | *85* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 13:14* | *1* |

**Client Sample ID: HA-SB-04-1.0-010524-01**
**Lab Sample ID: 570-167110-2**
**Date Collected: 01/05/24 07:55**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:06 | 1 |
| Aroclor-1221 | ND | | 450 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:06 | 1 |
| Aroclor-1232 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:06 | 1 |
| Aroclor-1242 | ND | | 450 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:06 | 1 |
| Aroclor-1248 | ND | | 450 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:06 | 1 |
| Aroclor-1254 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:06 | 1 |
| Aroclor-1260 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *69* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 14:06* | *1* |
| *DCB Decachlorobiphenyl* | *96* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 14:06* | *1* |

**Client Sample ID: HA-SB-04-0.5-010524-01**
**Lab Sample ID: 570-167110-3**
**Date Collected: 01/05/24 07:45**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 410 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:23 | 1 |
| Aroclor-1221 | ND | | 410 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:23 | 1 |
| Aroclor-1232 | ND | | 410 | 190 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:23 | 1 |
| Aroclor-1242 | ND | | 410 | 160 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:23 | 1 |
| Aroclor-1248 | ND | | 410 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:23 | 1 |
| **Aroclor-1254** | **1100** | | 410 | 190 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:23 | 1 |
| Aroclor-1260 | ND | | 410 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *57* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 14:23* | *1* |
| *DCB Decachlorobiphenyl* | *72* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 14:23* | *1* |

**Client Sample ID: HA-SB-03-0.5-010524-01**
**Lab Sample ID: 570-167110-4**
**Date Collected: 01/05/24 09:50**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 460 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:41 | 1 |
| Aroclor-1221 | ND | | 460 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:41 | 1 |
| Aroclor-1232 | ND | | 460 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:41 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-03-0.5-010524-01**
**Lab Sample ID: 570-167110-4**
**Date Collected: 01/05/24 09:50**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1242 | ND | | 460 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:41 | 1 |
| Aroclor-1248 | ND | | 460 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:41 | 1 |
| **Aroclor-1254** | **1800** | | 460 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:41 | 1 |
| Aroclor-1260 | ND | | 460 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *72* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 14:41* | *1* |
| *DCB Decachlorobiphenyl* | *86* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 14:41* | *1* |

**Client Sample ID: HA-SB-01-0.5-010524-01**
**Lab Sample ID: 570-167110-5**
**Date Collected: 01/05/24 08:35**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 460 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:58 | 1 |
| Aroclor-1221 | ND | | 460 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:58 | 1 |
| Aroclor-1232 | ND | | 460 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:58 | 1 |
| Aroclor-1242 | ND | | 460 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:58 | 1 |
| Aroclor-1248 | ND | | 460 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:58 | 1 |
| **Aroclor-1254** | **330** | **J** | 460 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:58 | 1 |
| Aroclor-1260 | ND | | 460 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 14:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *72* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 14:58* | *1* |
| *DCB Decachlorobiphenyl* | *96* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 14:58* | *1* |

**Client Sample ID: HA-SB-02-1.0-010524-01**
**Lab Sample ID: 570-167110-6**
**Date Collected: 01/05/24 08:20**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 460 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:15 | 1 |
| Aroclor-1221 | ND | | 460 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:15 | 1 |
| Aroclor-1232 | ND | | 460 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:15 | 1 |
| Aroclor-1242 | ND | | 460 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:15 | 1 |
| Aroclor-1248 | ND | | 460 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:15 | 1 |
| **Aroclor-1254** | **5700** | | 460 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:15 | 1 |
| Aroclor-1260 | ND | | 460 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *15* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 15:15* | *1* |
| *DCB Decachlorobiphenyl* | *11* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 15:15* | *1* |

**Client Sample ID: HA-SB-13-2.0-010524-01**
**Lab Sample ID: 570-167110-7**
**Date Collected: 01/05/24 12:50**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 380 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:32 | 1 |
| Aroclor-1221 | ND | | 380 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:32 | 1 |
| Aroclor-1232 | ND | | 380 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:32 | 1 |
| Aroclor-1242 | ND | | 380 | 140 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:32 | 1 |
| Aroclor-1248 | ND | | 380 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:32 | 1 |
| Aroclor-1254 | ND | | 380 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:32 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-13-2.0-010524-01**
**Lab Sample ID: 570-167110-7**
**Date Collected: 01/05/24 12:50**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 | ND | | 380 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *61* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 15:32* | *1* |
| *DCB Decachlorobiphenyl* | *80* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 15:32* | *1* |

**Client Sample ID: HA-SB-13-4.0-010524-01**
**Lab Sample ID: 570-167110-8**
**Date Collected: 01/05/24 13:05**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 510 | 230 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:50 | 1 |
| Aroclor-1221 | ND | | 510 | 250 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:50 | 1 |
| Aroclor-1232 | ND | | 510 | 240 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:50 | 1 |
| Aroclor-1242 | ND | | 510 | 190 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:50 | 1 |
| Aroclor-1248 | ND | | 510 | 250 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:50 | 1 |
| Aroclor-1254 | ND | | 510 | 240 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:50 | 1 |
| Aroclor-1260 | ND | | 510 | 230 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 15:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *72* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 15:50* | *1* |
| *DCB Decachlorobiphenyl* | *82* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 15:50* | *1* |

**Client Sample ID: HA-SB-13-3.0-010524-01**
**Lab Sample ID: 570-167110-9**
**Date Collected: 01/05/24 13:00**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:07 | 1 |
| Aroclor-1221 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:07 | 1 |
| Aroclor-1232 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:07 | 1 |
| Aroclor-1242 | ND | | 470 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:07 | 1 |
| Aroclor-1248 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:07 | 1 |
| Aroclor-1254 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:07 | 1 |
| Aroclor-1260 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *57* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 16:07* | *1* |
| *DCB Decachlorobiphenyl* | *63* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 16:07* | *1* |

**Client Sample ID: HA-SB-13-5.0-010524-01**
**Lab Sample ID: 570-167110-10**
**Date Collected: 01/05/24 13:10**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:24 | 1 |
| Aroclor-1221 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:24 | 1 |
| Aroclor-1232 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:24 | 1 |
| Aroclor-1242 | ND | | 470 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:24 | 1 |
| Aroclor-1248 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:24 | 1 |
| Aroclor-1254 | ND | | 470 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:24 | 1 |
| Aroclor-1260 | ND | | 470 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:24 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 69 | | 10 - 149 | 01/11/24 09:11 | 01/15/24 16:24 | 1 |
| DCB Decachlorobiphenyl | 80 | | 10 - 174 | 01/11/24 09:11 | 01/15/24 16:24 | 1 |

**Client Sample ID: HA-SB-11-1.0-010524-01** **Lab Sample ID: 570-167110-11**
**Date Collected: 01/05/24 13:30** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 370 | 160 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:41 | 1 |
| Aroclor-1221 | ND | | 370 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:41 | 1 |
| Aroclor-1232 | ND | | 370 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:41 | 1 |
| Aroclor-1242 | ND | | 370 | 140 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:41 | 1 |
| Aroclor-1248 | ND | | 370 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:41 | 1 |
| Aroclor-1254 | ND | | 370 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:41 | 1 |
| Aroclor-1260 | ND | | 370 | 160 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 16:41 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 51 | | 10 - 149 | 01/11/24 09:11 | 01/15/24 16:41 | 1 |
| DCB Decachlorobiphenyl | 55 | | 10 - 174 | 01/11/24 09:11 | 01/15/24 16:41 | 1 |

**Client Sample ID: HA-SB-11-2.0-010524-01** **Lab Sample ID: 570-167110-12**
**Date Collected: 01/05/24 13:35** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 380 | 170 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:58 | 1 |
| Aroclor-1221 | ND | | 380 | 180 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:58 | 1 |
| Aroclor-1232 | ND | | 380 | 180 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:58 | 1 |
| Aroclor-1242 | ND | | 380 | 150 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:58 | 1 |
| Aroclor-1248 | ND | | 380 | 180 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:58 | 1 |
| Aroclor-1254 | ND | | 380 | 180 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:58 | 1 |
| Aroclor-1260 | ND | | 380 | 170 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:58 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 67 | | 10 - 149 | 01/19/24 09:05 | 01/22/24 11:58 | 1 |
| DCB Decachlorobiphenyl | 74 | | 10 - 174 | 01/19/24 09:05 | 01/22/24 11:58 | 1 |

**Client Sample ID: HA-SB-11-3.0-010524-01** **Lab Sample ID: 570-167110-13**
**Date Collected: 01/05/24 13:40** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:16 | 1 |
| Aroclor-1221 | ND | | 450 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:16 | 1 |
| Aroclor-1232 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:16 | 1 |
| Aroclor-1242 | ND | | 450 | 170 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:16 | 1 |
| Aroclor-1248 | ND | | 450 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:16 | 1 |
| Aroclor-1254 | ND | | 450 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:16 | 1 |
| Aroclor-1260 | ND | | 450 | 200 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 73 | | 10 - 149 | 01/11/24 09:11 | 01/15/24 17:16 | 1 |
| DCB Decachlorobiphenyl | 86 | | 10 - 174 | 01/11/24 09:11 | 01/15/24 17:16 | 1 |

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: HA-SB-11-4.0-010524-01**
**Lab Sample ID: 570-167110-14**
**Date Collected: 01/05/24 13:45**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 480 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:51 | 1 |
| Aroclor-1221 | ND | | 480 | 230 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:51 | 1 |
| Aroclor-1232 | ND | | 480 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:51 | 1 |
| Aroclor-1242 | ND | | 480 | 180 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:51 | 1 |
| Aroclor-1248 | ND | | 480 | 230 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:51 | 1 |
| Aroclor-1254 | ND | | 480 | 220 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:51 | 1 |
| Aroclor-1260 | ND | | 480 | 210 | ug/Kg | ☼ | 01/11/24 09:11 | 01/15/24 17:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *70* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 17:51* | *1* |
| *DCB Decachlorobiphenyl* | *83* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 17:51* | *1* |

## General Chemistry

**Client Sample ID: HA-SB-02-0.5-010524-01** **Lab Sample ID: 570-167110-1**
**Date Collected: 01/05/24 08:10** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 9.63 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-04-1.0-010524-01** **Lab Sample ID: 570-167110-2**
**Date Collected: 01/05/24 07:55** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 8.75 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-04-0.5-010524-01** **Lab Sample ID: 570-167110-3**
**Date Collected: 01/05/24 07:45** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 9.10 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-03-0.5-010524-01** **Lab Sample ID: 570-167110-4**
**Date Collected: 01/05/24 09:50** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 10.7 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-01-0.5-010524-01** **Lab Sample ID: 570-167110-5**
**Date Collected: 01/05/24 08:35** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 10.1 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-02-1.0-010524-01** **Lab Sample ID: 570-167110-6**
**Date Collected: 01/05/24 08:20** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 9.47 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-13-2.0-010524-01** **Lab Sample ID: 570-167110-7**
**Date Collected: 01/05/24 12:50** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 6.19 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-13-4.0-010524-01** **Lab Sample ID: 570-167110-8**
**Date Collected: 01/05/24 13:05** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 14.3 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-13-3.0-010524-01** **Lab Sample ID: 570-167110-9**
**Date Collected: 01/05/24 13:00** **Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 7.98 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

## General Chemistry

**Client Sample ID: HA-SB-13-5.0-010524-01**
**Lab Sample ID: 570-167110-10**
**Date Collected: 01/05/24 13:10**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 10.2 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-11-1.0-010524-01**
**Lab Sample ID: 570-167110-11**
**Date Collected: 01/05/24 13:30**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 5.25 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-11-2.0-010524-01**
**Lab Sample ID: 570-167110-12**
**Date Collected: 01/05/24 13:35**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 8.52 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-11-3.0-010524-01**
**Lab Sample ID: 570-167110-13**
**Date Collected: 01/05/24 13:40**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 19.2 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Client Sample ID: HA-SB-11-4.0-010524-01**
**Lab Sample ID: 570-167110-14**
**Date Collected: 01/05/24 13:45**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 23.9 | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

# Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | TCX1 | DCBP1 |
| Lab Sample ID | Client Sample ID | (10-149) | (10-174) |
| 570-167110-1 | HA-SB-02-0.5-010524-01 | 71 | 85 |
| 570-167110-1 MS | HA-SB-02-0.5-010524-01 | 69 | 85 |
| 570-167110-1 MSD | HA-SB-02-0.5-010524-01 | 74 | 88 |
| 570-167110-3 | HA-SB-04-0.5-010524-01 | 57 | 72 |
| 570-167110-4 | HA-SB-03-0.5-010524-01 | 72 | 86 |
| 570-167110-5 | HA-SB-01-0.5-010524-01 | 72 | 96 |
| 570-167110-6 | HA-SB-02-1.0-010524-01 | 15 | 11 |
| 570-167110-8 | HA-SB-13-4.0-010524-01 | 72 | 82 |
| 570-167110-9 | HA-SB-13-3.0-010524-01 | 57 | 63 |
| 570-167110-10 | HA-SB-13-5.0-010524-01 | 69 | 80 |
| 570-167110-11 | HA-SB-11-1.0-010524-01 | 51 | 55 |
| 570-167110-13 | HA-SB-11-3.0-010524-01 | 73 | 86 |
| 570-167110-14 | HA-SB-11-4.0-010524-01 | 70 | 83 |
| LCS 240-599958/2-A | Lab Control Sample | 73 | 91 |
| MB 240-599958/1-A | Method Blank | 84 | 107 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**
**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | TCX2 | DCBP2 |
| Lab Sample ID | Client Sample ID | (10-149) | (10-174) |
| 570-167110-2 | HA-SB-04-1.0-010524-01 | 69 | 96 |
| 570-167110-7 | HA-SB-13-2.0-010524-01 | 61 | 80 |
| 570-167110-12 | HA-SB-11-2.0-010524-01 | 67 | 74 |
| 570-167861-B-3-B MS | Matrix Spike | 60 | 71 |
| 570-167861-B-3-C MSD | Matrix Spike Duplicate | 70 | 81 |
| LCS 240-600706/2-A | Lab Control Sample | 68 | 87 |
| MB 240-600706/1-A | Method Blank | 77 | 86 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 240-599958/1-A**
**Client Sample ID: Method Blank**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600201**
**Prep Batch: 599958**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | 22 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1221 | ND | | 50 | 24 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1232 | ND | | 50 | 23 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1242 | ND | | 50 | 19 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1248 | ND | | 50 | 24 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1254 | ND | | 50 | 23 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |
| Aroclor-1260 | ND | | 50 | 22 | ug/Kg | | 01/11/24 09:11 | 01/15/24 11:48 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *84* | | *10 - 149* | *01/11/24 09:11* | *01/15/24 11:48* | *1* |
| *DCB Decachlorobiphenyl* | *107* | | *10 - 174* | *01/11/24 09:11* | *01/15/24 11:48* | *1* |

**Lab Sample ID: LCS 240-599958/2-A**
**Client Sample ID: Lab Control Sample**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600201**
**Prep Batch: 599958**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 1000 | 777.4 | | ug/Kg | | 78 | 28 - 140 | | |
| Aroclor-1260 | | | 1000 | 881.4 | | ug/Kg | | 88 | 39 - 153 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *73* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *91* | | *10 - 174* |

**Lab Sample ID: 570-167110-1 MS**
**Client Sample ID: HA-SB-02-0.5-010524-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600201**
**Prep Batch: 599958**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 9540 | 7307 | | ug/Kg | ☼ | 77 | 10 - 146 | | |
| Aroclor-1260 | 12000 | F1 | 9540 | 12980 | F1 | ug/Kg | ☼ | 7 | 10 - 158 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *69* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *85* | | *10 - 174* |

**Lab Sample ID: 570-167110-1 MSD**
**Client Sample ID: HA-SB-02-0.5-010524-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600201**
**Prep Batch: 599958**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 7960 | 6493 | | ug/Kg | ☼ | 82 | 10 - 146 | 12 | 40 |
| Aroclor-1260 | 12000 | F1 | 7960 | 15550 | | ug/Kg | ☼ | 41 | 10 - 158 | 18 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *74* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *88* | | *10 - 174* |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 240-600706/1-A**
**Matrix: Solid**
**Analysis Batch: 600793**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 600706**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | 22 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1221 | ND | | 50 | 24 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1232 | ND | | 50 | 23 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1242 | ND | | 50 | 19 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1248 | ND | | 50 | 24 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1254 | ND | | 50 | 23 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1260 | ND | | 50 | 22 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *77* | | *10 - 149* | *01/19/24 09:05* | *01/22/24 10:36* | *1* |
| *DCB Decachlorobiphenyl* | *86* | | *10 - 174* | *01/19/24 09:05* | *01/22/24 10:36* | *1* |

**Lab Sample ID: LCS 240-600706/2-A**
**Matrix: Solid**
**Analysis Batch: 600793**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 600706**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 1000 | 784.5 | | ug/Kg | | 78 | 28 - 140 | | |
| Aroclor-1260 | | | 1000 | 861.4 | | ug/Kg | | 86 | 39 - 153 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *68* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *87* | | *10 - 174* |

**Lab Sample ID: 570-167861-B-3-B MS**
**Matrix: Solid**
**Analysis Batch: 600793**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 600706**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 8060 | 5563 | | ug/Kg | ☼ | 69 | 10 - 146 | | |
| Aroclor-1260 | ND | | 8060 | 5625 | | ug/Kg | ☼ | 70 | 10 - 158 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *60* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *71* | | *10 - 174* |

**Lab Sample ID: 570-167861-B-3-C MSD**
**Matrix: Solid**
**Analysis Batch: 600793**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 600706**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 9690 | 8009 | | ug/Kg | ☼ | 83 | 10 - 146 | 36 | 40 |
| Aroclor-1260 | ND | | 9690 | 7924 | | ug/Kg | ☼ | 82 | 10 - 158 | 34 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *70* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *81* | | *10 - 174* |

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Method: 2540G - Percent Moisture

**Lab Sample ID: MB 570-399588/1**
**Matrix: Solid**
**Analysis Batch: 399588**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | ND | | 0.100 | 0.100 | % | | | 01/09/24 12:47 | 1 |

**Lab Sample ID: 570-167110-1 DU**
**Matrix: Solid**
**Analysis Batch: 399588**

**Client Sample ID: HA-SB-02-0.5-010524-01**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 9.63 | | | 10.1 | | % | | | | 5 | 10 |

**Lab Sample ID: 570-167110-11 DU**
**Matrix: Solid**
**Analysis Batch: 399588**

**Client Sample ID: HA-SB-11-1.0-010524-01**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 5.25 | | | 12.3 | F3 | % | | | | 80 | 10 |

## GC Semi VOA

### Prep Batch: 599958

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167110-1 | HA-SB-02-0.5-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-2 | HA-SB-04-1.0-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-3 | HA-SB-04-0.5-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-4 | HA-SB-03-0.5-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-5 | HA-SB-01-0.5-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-6 | HA-SB-02-1.0-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-7 | HA-SB-13-2.0-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-8 | HA-SB-13-4.0-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-9 | HA-SB-13-3.0-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-10 | HA-SB-13-5.0-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-11 | HA-SB-11-1.0-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-13 | HA-SB-11-3.0-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-14 | HA-SB-11-4.0-010524-01 | Total/NA | Solid | 3540C | |
| MB 240-599958/1-A | Method Blank | Total/NA | Solid | 3540C | |
| LCS 240-599958/2-A | Lab Control Sample | Total/NA | Solid | 3540C | |
| 570-167110-1 MS | HA-SB-02-0.5-010524-01 | Total/NA | Solid | 3540C | |
| 570-167110-1 MSD | HA-SB-02-0.5-010524-01 | Total/NA | Solid | 3540C | |

### Analysis Batch: 600201

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167110-1 | HA-SB-02-0.5-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-2 | HA-SB-04-1.0-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-3 | HA-SB-04-0.5-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-4 | HA-SB-03-0.5-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-5 | HA-SB-01-0.5-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-6 | HA-SB-02-1.0-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-7 | HA-SB-13-2.0-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-8 | HA-SB-13-4.0-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-9 | HA-SB-13-3.0-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-10 | HA-SB-13-5.0-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-11 | HA-SB-11-1.0-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-13 | HA-SB-11-3.0-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-14 | HA-SB-11-4.0-010524-01 | Total/NA | Solid | 8082A | 599958 |
| MB 240-599958/1-A | Method Blank | Total/NA | Solid | 8082A | 599958 |
| LCS 240-599958/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 599958 |
| 570-167110-1 MS | HA-SB-02-0.5-010524-01 | Total/NA | Solid | 8082A | 599958 |
| 570-167110-1 MSD | HA-SB-02-0.5-010524-01 | Total/NA | Solid | 8082A | 599958 |

### Prep Batch: 600706

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167110-12 | HA-SB-11-2.0-010524-01 | Total/NA | Solid | 3540C | |
| MB 240-600706/1-A | Method Blank | Total/NA | Solid | 3540C | |
| LCS 240-600706/2-A | Lab Control Sample | Total/NA | Solid | 3540C | |
| 570-167861-B-3-B MS | Matrix Spike | Total/NA | Solid | 3540C | |
| 570-167861-B-3-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 3540C | |

### Analysis Batch: 600793

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167110-12 | HA-SB-11-2.0-010524-01 | Total/NA | Solid | 8082A | 600706 |
| MB 240-600706/1-A | Method Blank | Total/NA | Solid | 8082A | 600706 |
| LCS 240-600706/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 600706 |

## GC Semi VOA (Continued)

### Analysis Batch: 600793 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-B-3-B MS | Matrix Spike | Total/NA | Solid | 8082A | 600706 |
| 570-167861-B-3-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8082A | 600706 |

## General Chemistry

### Analysis Batch: 399588

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167110-1 | HA-SB-02-0.5-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-2 | HA-SB-04-1.0-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-3 | HA-SB-04-0.5-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-4 | HA-SB-03-0.5-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-5 | HA-SB-01-0.5-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-6 | HA-SB-02-1.0-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-7 | HA-SB-13-2.0-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-8 | HA-SB-13-4.0-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-9 | HA-SB-13-3.0-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-10 | HA-SB-13-5.0-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-11 | HA-SB-11-1.0-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-12 | HA-SB-11-2.0-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-13 | HA-SB-11-3.0-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-14 | HA-SB-11-4.0-010524-01 | Total/NA | Solid | 2540G | |
| MB 570-399588/1 | Method Blank | Total/NA | Solid | 2540G | |
| 570-167110-1 DU | HA-SB-02-0.5-010524-01 | Total/NA | Solid | 2540G | |
| 570-167110-11 DU | HA-SB-11-1.0-010524-01 | Total/NA | Solid | 2540G | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-02-0.5-010524-01
**Lab Sample ID: 570-167110-1**
**Date Collected: 01/05/24 08:10**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.12 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 13:14 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-04-1.0-010524-01
**Lab Sample ID: 570-167110-2**
**Date Collected: 01/05/24 07:55**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.22 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 14:06 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-04-0.5-010524-01
**Lab Sample ID: 570-167110-3**
**Date Collected: 01/05/24 07:45**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.34 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 14:23 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-03-0.5-010524-01
**Lab Sample ID: 570-167110-4**
**Date Collected: 01/05/24 09:50**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.23 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 14:41 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-01-0.5-010524-01
**Lab Sample ID: 570-167110-5**
**Date Collected: 01/05/24 08:35**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.20 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 14:58 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-02-1.0-010524-01
**Lab Sample ID: 570-167110-6**
**Date Collected: 01/05/24 08:20**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.21 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 15:15 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-13-2.0-010524-01
**Lab Sample ID: 570-167110-7**
**Date Collected: 01/05/24 12:50**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.41 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 15:32 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-13-4.0-010524-01
**Lab Sample ID: 570-167110-8**
**Date Collected: 01/05/24 13:05**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.14 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 15:50 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-13-3.0-010524-01
**Lab Sample ID: 570-167110-9**
**Date Collected: 01/05/24 13:00**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.16 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 16:07 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-13-5.0-010524-01
**Lab Sample ID: 570-167110-10**
**Date Collected: 01/05/24 13:10**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.19 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 16:24 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-11-1.0-010524-01
**Lab Sample ID: 570-167110-11**
**Date Collected: 01/05/24 13:30**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.41 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 16:41 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-11-2.0-010524-01
**Lab Sample ID: 570-167110-12**
**Date Collected: 01/05/24 13:35**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.43 g | 10 mL | 600706 | 01/19/24 09:05 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600793 | 01/22/24 11:58 | LSH | EET CLE |
| | Instrument ID: A2HP1 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-11-3.0-010524-01
**Lab Sample ID: 570-167110-13**

**Date Collected: 01/05/24 13:40**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.36 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 17:16 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-11-4.0-010524-01
**Lab Sample ID: 570-167110-14**

**Date Collected: 01/05/24 13:45**
**Matrix: Solid**
**Date Received: 01/05/24 15:36**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.38 g | 10 mL | 599958 | 01/11/24 09:11 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600201 | 01/15/24 17:51 | BPM | EET CLE |
| | Instrument ID: A2HP4 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 399588 | 01/09/24 12:47 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

**Laboratory References:**

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

# Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 3082 | 07-31-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 2540G | | Solid | Percent Moisture |

| | | | |
|---|---|---|---|
| Oregon | NELAP | 4175 | 02-02-24 |

## Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2927 | 02-27-24 |
| Georgia | State | 4062 | 02-27-24 |
| Illinois | NELAP | 200004 | 07-31-24 |
| Iowa | State | 421 | 06-01-25 |
| Kentucky (UST) | State | 112225 | 02-28-24 |
| Kentucky (WW) | State | KY98016 | 12-30-24 |
| Michigan | State | 9135 | 02-27-24 |
| Minnesota | NELAP | 039-999-348 | 12-31-24 |
| New Jersey | NELAP | OH001 | 07-01-24 |
| New York | NELAP | 10975 | 04-01-24 |
| Ohio | State | 8303 | 02-27-24 |
| Ohio VAP | State | ORELAP 4062 | 02-27-24 |
| Oregon | NELAP | 4062 | 02-27-24 |
| Pennsylvania | NELAP | 68-00340 | 08-31-24 |
| Texas | NELAP | T104704517-22-19 | 08-31-24 |
| USDA | US Federal Programs | P330-18-00281 | 01-05-27 |
| Virginia | NELAP | 460175 | 09-14-24 |
| West Virginia DEP | State | 210 | 12-31-24 |

# Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | EET CLE |
| 2540G | Percent Moisture | SM | EET CAL 4 |
| 3540C | Soxhlet Extraction | SW846 | EET CLE |

**Protocol References:**

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CAL 4 = Eurofins Calscience  Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

# Sample Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-167110-1
Project/Site: Rosemead PCB Sampling / 209476-003

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 570-167110-1 | HA-SB-02-0.5-010524-01 | Solid | 01/05/24 08:10 | 01/05/24 15:36 |
| 570-167110-2 | HA-SB-04-1.0-010524-01 | Solid | 01/05/24 07:55 | 01/05/24 15:36 |
| 570-167110-3 | HA-SB-04-0.5-010524-01 | Solid | 01/05/24 07:45 | 01/05/24 15:36 |
| 570-167110-4 | HA-SB-03-0.5-010524-01 | Solid | 01/05/24 09:50 | 01/05/24 15:36 |
| 570-167110-5 | HA-SB-01-0.5-010524-01 | Solid | 01/05/24 08:35 | 01/05/24 15:36 |
| 570-167110-6 | HA-SB-02-1.0-010524-01 | Solid | 01/05/24 08:20 | 01/05/24 15:36 |
| 570-167110-7 | HA-SB-13-2.0-010524-01 | Solid | 01/05/24 12:50 | 01/05/24 15:36 |
| 570-167110-8 | HA-SB-13-4.0-010524-01 | Solid | 01/05/24 13:05 | 01/05/24 15:36 |
| 570-167110-9 | HA-SB-13-3.0-010524-01 | Solid | 01/05/24 13:00 | 01/05/24 15:36 |
| 570-167110-10 | HA-SB-13-5.0-010524-01 | Solid | 01/05/24 13:10 | 01/05/24 15:36 |
| 570-167110-11 | HA-SB-11-1.0-010524-01 | Solid | 01/05/24 13:30 | 01/05/24 15:36 |
| 570-167110-12 | HA-SB-11-2.0-010524-01 | Solid | 01/05/24 13:35 | 01/05/24 15:36 |
| 570-167110-13 | HA-SB-11-3.0-010524-01 | Solid | 01/05/24 13:40 | 01/05/24 15:36 |
| 570-167110-14 | HA-SB-11-4.0-010524-01 | Solid | 01/05/24 13:45 | 01/05/24 15:36 |

Loc: 570
167110

Updated COC received from Chris Tsiatsios (H&A) on 01/09/24 @16:37pm -Virendra (ECI)

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

WO NO / LAB USE ONLY

CHAIN-OF-CUSTODY

DATE: 01/05/24
PAGE: 1 OF 2

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Red Hill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: Ctsiatsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT # S718332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Dry Weight Correction
Email Distribution: Slong, Ctsiatsios, Falmso, Jvandermal @haleyaldrich.com

REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | 8082 / 13540C | Moisture Content | Arsenic 6010B | Lead 6010B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HA-SB-02-0.5-010524-01 | HA-SB-02 | 01/05/24 | 0810 | Soil | 1 | X | | | X | X | | |
| 2 | HA-SB-04-1.0-010524-01 | HA-SB-04 | | 0755 | Soil | 1 | X | | | X | X | | |
| 3 | HA-SB-04-0.5-010524-01 | HA-SB-04 | | 0745 | Soil | 1 | X | | | X | X | | |
| 4 | HA-SB-03-0.5-010524-01 | HA-SB-03 | | 0950 | Soil | 1 | X | | | X | X | | |
| 5 | HA-SB-01-0.5-010524-01 | HA-SB-01 | | 0835 | Soil | 1 | X | | | X | X | | |
| 6 | HA-SB-02-1.0-010524-01 | HA-SB-02 | | 0820 | Soil | 1 | X | | | X | X | | |
| 7 | HA-SB-13-2.0-010524-01 | HA-SB-13 | | 1250 | Soil | 1 | X | | | X | X | | |
| 8 | HA-SB-13-4.0-010524-01 | HA-SB-13 | | 1505 | Soil | 1 | X | | | X | X | | |
| 9 | HA-SB-13-3.0-010524-01 | HA-SB-13 | V | 1300 | Soil | 1 | X | | | X | X | | |
| 10 | HA-SB-13-5.0-010524-01 | HA-SB-13 | | 1310 | Soil | 1 | X | | | X | X | | |

570-167110 Chain of Custody

| | | Date | Time |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | 1.5.24 | 1426 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) KC | 1.5.24 | 1536 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2.8 / 3.0 °C

2014-07-01 Revision



1/22/2024

Updated COC received from Chris Tsiatsios (H&A) on 01/09/24 @16:37pm -Virendra (ECI)

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494

For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us

WO NO. / LAB USE ONLY

# CHAIN-OF-CUSTODY RECORD

DATE: 01/05/24

PAGE: 2 OF 2

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 3187 Red Hill Ave Suite 155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL: ctsiatsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rowmead-PCB Sampling

PO NO.: 204476-003

PROJECT CONTACT: Chris Tsiatsios

ECI PROJECT #: ECI PROJECT #S701332

GLOBAL ID:

LOG CODE:

SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:

☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

Dry weight correction

Email distribution: Slusz, Ctsiatsios, Falanso Jvandewal @Haleyaldrich.com

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | 8082/3540C | Moisture Content |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | HA-SB-11-1.0-010524-01 | HA-SB-11 | 01/05/24 | 1330 | Soil | 1 | X | | | X | X |
| 12 | HA-SB-11-2.0-010524-01 | HA-SB-11 | " | 1335 | " | 1 | X | | | X | X |
| 13 | HA-SB-11-3.0-010524-01 | HA-SB-11 | " | 1340 | " | 1 | X | | | X | X |
| 14 | HA-SB-11-4.0-010524-01 | HA-SB-11 | " | 1345 | " | 1 | X | | | X | X |

| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date | Time |
|---|---|---|---|
| | | 1.5.24 | 1426 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) EC | 1.5.24 | 1536 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

Loc: 570
167110

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY

DATE: 01/05/24
PAGE: 1 OF 2

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Red Hill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: Ctsiatsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT # 5718332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Dry Weight Correction

Email Distribution: Slong, Ctsiatsios, Falonso, Jvanderwal @haleyaldrich.com

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | 8082 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HA-SB-02-0.5-010524-01 | HA-SB-02 | 01/05/24 | 0810 | Soil | 1 | X | | | X |
| 2 | HA-SB-04-1.0-010524-01 | HA-SB-04 | | 0755 | Soil | 1 | X | | | X |
| 3 | HA-SB-04-0.5-010524-01 | HA-SB-04 | | 0745 | Soil | 1 | X | | | X |
| 4 | HA-SB-03-0.5-010524-01 | HA-SB-03 | | 0950 | Soil | 1 | X | | | X |
| 5 | HA-SB-01-0.5-010524-01 | HA-SB-01 | | 0835 | Soil | 1 | X | | | X |
| 6 | HA-SB-02-1.0-010524-01 | HA-SB-02 | | 0820 | Soil | 1 | X | | | X |
| 7 | HA-SB-13-2.0-010524-01 | HA-SB-13 | | 1250 | Soil | 1 | X | | | X |
| 8 | HA-SB-13-4.0-010524-01 | HA-SB-13 | | 1505 | Soil | 1 | X | | | X |
| 9 | HA-SB-13-3.0-010524-01 | HA-SB-13 | | 1300 | Soil | 1 | X | | | X |
| 10 | HA-SB-15-5.0-010524-01 | HA-SB-15 | | 1310 | Soil | 1 | X | | | X |

570-167110 Chain of Custody

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1-5-24 | Time: 1426 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) EC | Date: 1-5-24 | Time: 1536 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2.8 / 3.0 °C

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494

For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/05/24

PAGE: 2 OF 2

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 3187 Red Hill Ave Suite 155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1860 E-MAIL: ctsiatsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rockwell-PCB Sampling

PROJECT CONTACT: Chris Tsiatsios

P.O. NO.: 209476-003

ECI PROJECT #: ECI PROJECT #S701B332

GLOBAL ID:

LOG CODE:

SAMPLER(S): (PRINT) FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:

☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

Dry weight correction

Email distribution: Slong, ctsiatsios, Falonso

Jvandewal

@Haleyaldrich.com

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | 8082 |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | HA-SB-11-1.0-010524-01 | HA-SB-11 | 01/05/24 | 1330 | Soil | 1 | X | | | X |
| 12 | HA-SB-11-2.0-010524-01 | HA-SB-11 | " | 1335 | " | 1 | X | | | X |
| 13 | HA-SB-11-3.0-010524-01 | HA-SB-11 | " | 1340 | " | 1 | X | | | X |
| 14 | HA-SB-11-4.0-010524-01 | HA-SB-11 | " | 1345 | " | 1 | X | | | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1-5-24 | Time: 1426 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) EC | Date: 1-5-24 | Time: 1536 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

**Eurofins Calscience**
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: | Lab PM: Patel, Virendra | Carrier Tracking No(s): | COC No: 570-337697.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: | E-Mail: Virendra.Patel@et.eurofinsus.com | State of Origin: California | Page: Page 1 of 2 |
| Company: Eurofins Environment Testing North Centr | | Accreditations Required (See note): NELAP - Oregon; State - California | | Job #: 570-167110-1 |
| Address: 180 S. Van Buren Avenue, , | Due Date Requested: 1/22/2024 | | | |
| City: Barberton | TAT Requested (days): | | | |
| State, Zip: OH, 44203 | | | | |
| Phone: 330-497-9396(Tel) 330-497-0772(Fax) | PO #: | | | |
| Email | WO #: | | | |
| Project Name: Rosemead PCB Sampling / 209476-003 | Project #: 57018332 | | | |
| Site | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

E194

Special Instructions/Note:

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8082A/3540C Standard PCB List 9 Aroclors | Total Number of containers |
|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | |
| HA-SB-02-0.5-010524-01 (570-167110-1) | 1/5/24 | 08:10 Pacific | | Solid | | | X | 1 |
| HA-SB-04-1.0-010524-01 (570-167110-2) | 1/5/24 | 07:55 Pacific | | Solid | | | X | 1 |
| HA-SB-04-0.5-010524-01 (570-167110-3) | 1/5/24 | 07:45 Pacific | | Solid | | | X | 1 |
| HA-SB-03-0.5-010524-01 (570-167110-4) | 1/5/24 | 09:50 Pacific | | Solid | | | X | 1 |
| HA-SB-01-0.5-010524-01 (570-167110-5) | 1/5/24 | 08:35 Pacific | | Solid | | | X | 1 |
| HA-SB-02-1.0-010524-01 (570-167110-6) | 1/5/24 | 08:20 Pacific | | Solid | | | X | 1 |
| HA-SB-13-2.0-010524-01 (570-167110-7) | 1/5/24 | 12:50 Pacific | | Solid | | | X | 1 |
| HA-SB-13-4.0-010524-01 (570-167110-8) | 1/5/24 | 13:05 Pacific | | Solid | | | X | 1 |
| HA-SB-13-5.0-010524-01 (570-167110-10) | 1/5/24 | 13:10 Pacific | | Solid | | | X | 1 |

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

| ***Possible Hazard Identification*** | ***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*** |
|---|---|
| *Unconfirmed* | ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months* |
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | | 01/07/24 11:06 | | AAtkeson | 1-10-24 1025 | EETNC |
| 2 | Relinquished by: | Date/Time | Company | Received by | Date/Time | Company |
| 3 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Ver: 06/08/2021

**Eurofins Calscience**
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: | Lab PM: Patel, Virendra | Carrier Tracking No(s): | COC No: 570-337697.2 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: | E-Mail: Virendra.Patel@et.eurofinsus.com | State of Origin: California | Page: Page 2 of 2 |
| Company: Eurofins Environment Testing North Centr | | Accreditations Required (See note): NELAP - Oregon; State - California | | Job #: 570-167110-1 |
| Address: 180 S. Van Buren Avenue, , | Due Date Requested: 1/22/2024 | | | |
| City: Barberton | TAT Requested (days): | | | |
| State, Zip: OH, 44203 | | | | |
| Phone: 330-497-9396(Tel) 330-497-0772(Fax) | PO #: | | | |
| Email | WO #: | | | |
| Project Name: Rosemead PCB Sampling / 209476-003 | Project #: 57018332 | | | |
| Site: | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify)
Other:

E194

Special Instructions/Note:

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8082A/3540C Standard PCB List 9 Aroclors | Total Number of containers |
|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | |
| HA-SB-11-1.0-010524-01 (570-167110-11) | 1/5/24 | 13:30 Pacific | | Solid | | | X | 1 |
| HA-SB-11-2.0-010524-01 (570-167110-12) | 1/5/24 | 13:35 Pacific | | Solid | | | X | 1 |
| HA-SB-11-3.0-010524-01 (570-167110-13) | 1/5/24 | 13:40 Pacific | | Solid | | | X | 1 |
| HA-SB-11-4.0-010524-01 (570-167110-14) | 1/5/24 | 13:45 Pacific | | Solid | | | X | 1 |

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

| Possible Hazard Identification: Unconfirmed | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months |
|---|---|
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | [signature] | 01/04/24 1506 | [illegible] | AAHeson | 1-10-24 1025 | EETNC |
| 2 | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
| 3 | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

**Eurofins – Cleveland Sample Receipt Form/Narrative** Login # :_____
**Barberton Facility**

Client EF Calscience Site Name_____ Cooler unpacked by: Alisia Affan

Cooler Received on 1·10·24 Opened on 1·10·24

FedEx: 1st Grd (Exp) UPS FAS Waypoint Client Drop Off Eurofins Courier Other_____

**Receipt After-hours**: Drop-off Date/Time_____ Storage Location_____

Eurofins Cooler # EC Foam Box Client Cooler Box Other_____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other_____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 19 (CF +0.9 °C) Observed Cooler Temp. 2.7 °C Corrected Cooler Temp. 3.6 °C

| | | |
|---|---|---|
| 2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 | (Yes) | No |
| -Were the seals on the outside of the cooler(s) signed & dated? | (Yes) | No NA |
| -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? | Yes | (No) |
| -Were tamper/custody seals intact and uncompromised? | (Yes) | No NA |
| 3. Shippers' packing slip attached to the cooler(s)? | (Yes) | No |
| 4. Did custody papers accompany the sample(s)? | (Yes) | No |
| 5. Were the custody papers relinquished & signed in the appropriate place? | (Yes) | No |
| 6. Was/were the person(s) who collected the samples clearly identified on the COC? | Yes | (No) |
| 7. Did all bottles arrive in good condition (Unbroken)? | (Yes) | No |
| 8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? | (Yes) | No |
| 9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)? | (Y) | (N) |
| 10. Were correct bottle(s) used for the test(s) indicated? | (Yes) | No |
| 11. Sufficient quantity received to perform indicated analyses? | (Yes) | No |
| 12. Are these work share samples and all listed on the COC? | (Yes) | No |
| If yes, Questions 13-17 have been checked at the originating laboratory. | | |
| 13. Were all preserved sample(s) at the correct pH upon receipt? | Yes No NA | pH Strip Lot# HC316719 |
| 14. Were VOAs on the COC? | Yes | No |
| 15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this. | Yes No NA | |
| 16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ | Yes | No |
| 17. Was a LL Hg or Me Hg trip blank present? _____ | Yes | No |

**Tests that are not checked for pH by Receiving:**
**VOAs**
**Oil and Grease**
**TOC**

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

**18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES** ☐ additional next page

Samples processed by:

Received sample #9 not listed on COC

**19. SAMPLE CONDITION**

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

**20. SAMPLE PRESERVATION**

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

Do not lift using this tag.

Part # 159469-434 MTW EXP 09/24

ORIGIN ID:DTHA (949) 260-1022
SAMPLE CONTROL
EUROFINS CALSCIENCE
2841 DOW AVE
SUITE 100
TUSTIN, CA 927807211
UNITED STATES US

SHIP DATE: 09JAN24
ACTWGT: 40.00 LB MAN
CAD: 0343492/CAFE3755

BILL SENDER

TO SHIPPING/RECEIVING
EUROFINS ENVIRONMENT TESTING NORTH
180 S. VAN BUREN AVENUE

BARBERTON OH 44203
(330) 497-9396
PO: YES

REF: 6570-91903

FedEx Express

TRK# 0201 7256 7306 7277

WED - 10 JAN 10:30A
PRIORITY OVERNIGHT

XN CAKA

44203
OH-US CLE

# Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-167110-1

**Login Number: 167110**

**List Source: Eurofins Calscience**

**List Number: 1**

**Creator: Ferreira, Bruno**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

# Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-167110-1

**Login Number: 167110**
**List Number: 2**
**Creator: Atkeson, Alissa**

**List Source: Eurofins Cleveland**
**List Creation: 01/10/24 11:48 AM**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | | |
| The cooler's custody seal, if present, is intact. | | |
| Sample custody seals, if present, are intact. | | |
| The cooler or samples do not appear to have been compromised or tampered with. | | |
| Samples were received on ice. | | |
| Cooler Temperature is acceptable. | | |
| Cooler Temperature is recorded. | | |
| COC is present. | | |
| COC is filled out in ink and legible. | | |
| COC is filled out with all pertinent information. | | |
| Is the Field Sampler's name present on COC? | | |
| There are no discrepancies between the containers received and the COC. | | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | | |
| Sample containers have legible labels. | | |
| Containers are not broken or leaking. | | |
| Sample collection date/times are provided. | | |
| Appropriate sample containers are used. | | |
| Sample bottles are completely filled. | | |
| Sample Preservation Verified. | | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | | |
| Multiphasic samples are not present. | | |
| Samples do not require splitting or compositing. | | |
| Residual Chlorine Checked. | | |

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Chris Tsiatsios
Haley & Aldrich, Inc.
3187 Red HIll Avenue
Suite 155
Costa Mesa, California 92626

Generated 1/28/2024 3:23:55 PM

## JOB DESCRIPTION

Rosemead PCB Sampling / 209476-003

## JOB NUMBER

570-167861-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

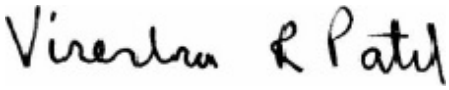
See page two for job notes and contact information.

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

## Authorization



Generated
1/28/2024 3:23:55 PM

Authorized for release by
Virendra Patel, Project Manager I
Virendra.Patel@et.eurofinsus.com
(714)895-5494

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 3
Definitions/Glossary . . . . . 4
Case Narrative . . . . . 5
Detection Summary . . . . . 7
Client Sample Results . . . . . 11
Surrogate Summary . . . . . 32
QC Sample Results . . . . . 34
QC Association Summary . . . . . 42
Lab Chronicle . . . . . 48
Certification Summary . . . . . 61
Method Summary . . . . . 62
Sample Summary . . . . . 63
Chain of Custody . . . . . 64
Receipt Checklists . . . . . 84

# Definitions/Glossary

Client: Haley & Aldrich, Inc. Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Qualifiers

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| F2 | MS/MSD RPD exceeds control limits |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### General Chemistry

| Qualifier | Qualifier Description |
|---|---|
| H | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

**Job Narrative**
**570-167861-1**

**Receipt**
The samples were received on 1/11/2024 6:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0º C.

**HPLC/IC**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**GC Semi VOA**
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HA-SB-01-1.0-011124-01 (570-167861-3), HA-SB-01-1.0-011124-01 (570-167861-3[MS]) and HA-SB-01-1.0-011124-01 (570-167861-3[MSD]).

Method 8082A: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 240-600698 and analytical batch 240-600831 was outside control limits. The associated MS/MSD and laboratory control sample (LCS) recoveries were within acceptance limits, indicating a proper extraction process for the batch.

Method 8082A: The following sample was diluted due to the nature of the sample matrix: HA-SB-08-1.0-011124-01 (570-167861-5). Elevated reporting limits (RLs) are provided.

Method 8082A: The following sample was diluted due to the nature of the sample matrix: HA-SB-08-1.0-011124-01 (570-167861-5). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method 8082A: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: B-5-7.0--011124-01 (570-167861-7).

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HA-SB-03-4.0-011124-01 (570-167861-13), HA-SB-05-4.0-011124-01 (570-167861-19) and HA-SB-05-3.0-011124-02 (570-167861-21).

Method 8082A: The following sample required a Silica Gel clean-up, via EPA Method 3630C, to reduce matrix interferences: HA-SB-08-1.0-011124-01 (570-167861-5).

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HA-SB-08-1.0-011124-02 (570-167861-6) and HA-SB-05-3.0-011124-01 (570-167861-20).

Method 8082A: The following samples required a Silica Gel clean-up, via EPA Method 3630C, to reduce matrix interferences: HA-SB-08-1.0-011124-02 (570-167861-6) and HA-SB-05-3.0-011124-01 (570-167861-20).

Method 8082A: The following sample was diluted due to the nature of the sample matrix: HA-SB-08-1.0-011124-02 (570-167861-6). As such, elevated reporting limits (RLs) are provided.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: HA-SB-10-4.0-011124-02 (570-167861-32), HA-SB-09-1.0-011124-02 (570-167861-35), LV-8-4.0-011124-01 (570-167861-42) and LV-8-4.0-011124-02 (570-167861-43).

Method 8082A: The continuing calibration verification (CCV) associated with batch 240-600980 recovered above the upper control limit for the surrogate Decachlorobiphenyl. The Aroclors in the opening CCVs passed criteria and all the samples passed surrogate. After careful evaluation the data is reported.

Method 8082A: The closing continuing calibration verification (CCVC) associated with batch 240-600980 recovered above the upper control limit for Aroclor-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Metals**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Job ID: 570-167861-1 (Continued) Eurofins Calscience

**General Chemistry**
Methods 9045C, 9045D: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: HA-SB-01-3.0-011124-01 (570-167861-1), HA-SB-01-2.0-011124-01 (570-167861-2), HA-SB-01-1.0-011124-01 (570-167861-3), HA-SB-01-4.0-011124-01 (570-167861-4), B-5-7.0--011124-01 (570-167861-7), HA-SB-05-3.0-011124-01 (570-167861-20), HA-SB-09-0.5-011124-01 (570-167861-33), HA-SB-09-2.0-011124-01 (570-167861-36) and HA-SB-09-4.0-011124-01 (570-167861-38).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**
Method 3510C: A portion of the following sample was used for analysis, rather than testing the entire sample amount in the original container, due to the sample container not being the appropriate size: EB-011124-01 (570-167861-49). As such, the required solvent rinse of the original container could not be performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-167861-1

## Client Sample ID: HA-SB-01-3.0-011124-01 — Lab Sample ID: 570-167861-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| pH | 7.9 | H | 0.01 | 0.01 | S.U. | 1 | | 9045D | Total/NA |
| Temperature | 20.2 | H | 1 | 1 | Deg. C | 1 | | 9045D | Total/NA |

## Client Sample ID: HA-SB-01-2.0-011124-01 — Lab Sample ID: 570-167861-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 6.60 | | 1.92 | 1.27 | mg/Kg | 2 | | 6010B | Total/NA |
| pH | 8.0 | H | 0.01 | 0.01 | S.U. | 1 | | 9045D | Total/NA |
| Temperature | 20.1 | H | 1 | 1 | Deg. C | 1 | | 9045D | Total/NA |

## Client Sample ID: HA-SB-01-1.0-011124-01 — Lab Sample ID: 570-167861-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 9.33 | | 1.92 | 1.27 | mg/Kg | 2 | | 6010B | Total/NA |
| pH | 8.9 | H | 0.01 | 0.01 | S.U. | 1 | | 9045D | Total/NA |
| Temperature | 20.1 | H | 1 | 1 | Deg. C | 1 | | 9045D | Total/NA |

## Client Sample ID: HA-SB-01-4.0-011124-01 — Lab Sample ID: 570-167861-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| pH | 8.5 | H | 0.01 | 0.01 | S.U. | 1 | | 9045D | Total/NA |
| Temperature | 19.9 | H | 1 | 1 | Deg. C | 1 | | 9045D | Total/NA |

## Client Sample ID: HA-SB-08-1.0-011124-01 — Lab Sample ID: 570-167861-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 2900 | | 840 | 390 | ug/Kg | 2 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-08-1.0-011124-02 — Lab Sample ID: 570-167861-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 7800 | | 2400 | 1100 | ug/Kg | 5 | ☼ | 8082A | Total/NA |

## Client Sample ID: B-5-7.0--011124-01 — Lab Sample ID: 570-167861-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| pH | 8.9 | H | 0.01 | 0.01 | S.U. | 1 | | 9045D | Total/NA |
| Temperature | 20.1 | H | 1 | 1 | Deg. C | 1 | | 9045D | Total/NA |

## Client Sample ID: B-5-7.0--011124-02 — Lab Sample ID: 570-167861-8

No Detections.

## Client Sample ID: B-5-5.0-011124-01 — Lab Sample ID: 570-167861-9

No Detections.

## Client Sample ID: B-5-6.0-011124-01 — Lab Sample ID: 570-167861-10

No Detections.

## Client Sample ID: HA-SB-03-1.0-011124-01 — Lab Sample ID: 570-167861-11

No Detections.

## Client Sample ID: HA-SB-03-2.0-011124-01 — Lab Sample ID: 570-167861-12

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

# Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-167861-1

## Client Sample ID: HA-SB-03-4.0-011124-01 — Lab Sample ID: 570-167861-13

No Detections.

## Client Sample ID: HA-SB-03-3.0-011124-01 — Lab Sample ID: 570-167861-14

No Detections.

## Client Sample ID: SB-11-3.0-011124-01 — Lab Sample ID: 570-167861-15

No Detections.

## Client Sample ID: SB-11-4.0-011124-01 — Lab Sample ID: 570-167861-16

No Detections.

## Client Sample ID: HA-SB-05-1.0-011124-01 — Lab Sample ID: 570-167861-17

No Detections.

## Client Sample ID: HA-SB-05-2.0-011124-01 — Lab Sample ID: 570-167861-18

No Detections.

## Client Sample ID: HA-SB-05-4.0-011124-01 — Lab Sample ID: 570-167861-19

No Detections.

## Client Sample ID: HA-SB-05-3.0-011124-01 — Lab Sample ID: 570-167861-20

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| pH | 8.3 | H | 0.01 | 0.01 | S.U. | 1 | | 9045D | Total/NA |
| Temperature | 19.9 | H | 1 | 1 | Deg. C | 1 | | 9045D | Total/NA |

## Client Sample ID: HA-SB-05-3.0-011124-02 — Lab Sample ID: 570-167861-21

No Detections.

## Client Sample ID: SB-16-3.0-011124-01 — Lab Sample ID: 570-167861-22

No Detections.

## Client Sample ID: SB-16-4.0-011124-01 — Lab Sample ID: 570-167861-23

No Detections.

## Client Sample ID: SB-14-3.0-011124-01 — Lab Sample ID: 570-167861-24

No Detections.

## Client Sample ID: SB-14-3.0-011124-02 — Lab Sample ID: 570-167861-25

No Detections.

## Client Sample ID: SB-14-4.0-011124-01 — Lab Sample ID: 570-167861-26

No Detections.

## Client Sample ID: HA-SB-10-1.0-011124-01 — Lab Sample ID: 570-167861-27

No Detections.

## Client Sample ID: HA-SB-10-2.0-011124-01 — Lab Sample ID: 570-167861-28

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

# Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-167861-1

## Client Sample ID: HA-SB-10-2.0-011124-02 — Lab Sample ID: 570-167861-29

No Detections.

## Client Sample ID: HA-SB-10-3.0-011124-01 — Lab Sample ID: 570-167861-30

No Detections.

## Client Sample ID: HA-SB-10-4.0-011124-01 — Lab Sample ID: 570-167861-31

No Detections.

## Client Sample ID: HA-SB-10-4.0-011124-02 — Lab Sample ID: 570-167861-32

No Detections.

## Client Sample ID: HA-SB-09-0.5-011124-01 — Lab Sample ID: 570-167861-33

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| pH | 8.2 | H | 0.01 | 0.01 | S.U. | 1 | | 9045D | Total/NA |
| Temperature | 19.9 | H | 1 | 1 | Deg. C | 1 | | 9045D | Total/NA |

## Client Sample ID: HA-SB-09-1.0-011124-01 — Lab Sample ID: 570-167861-34

No Detections.

## Client Sample ID: HA-SB-09-1.0-011124-02 — Lab Sample ID: 570-167861-35

No Detections.

## Client Sample ID: HA-SB-09-2.0-011124-01 — Lab Sample ID: 570-167861-36

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| pH | 8.4 | H | 0.01 | 0.01 | S.U. | 1 | | 9045D | Total/NA |
| Temperature | 19.8 | H | 1 | 1 | Deg. C | 1 | | 9045D | Total/NA |

## Client Sample ID: HA-SB-09-3.0-011124-01 — Lab Sample ID: 570-167861-37

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 570 | J | 640 | 300 | ug/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: HA-SB-09-4.0-011124-01 — Lab Sample ID: 570-167861-38

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 970 | | 720 | 330 | ug/Kg | 1 | ☼ | 8082A | Total/NA |
| pH | 11.3 | H | 0.01 | 0.01 | S.U. | 1 | | 9045D | Total/NA |
| Temperature | 19.5 | H | 1 | 1 | Deg. C | 1 | | 9045D | Total/NA |

## Client Sample ID: LV-10-2.0-011124-01 — Lab Sample ID: 570-167861-39

No Detections.

## Client Sample ID: LV-10-3.0-011124-01 — Lab Sample ID: 570-167861-40

No Detections.

## Client Sample ID: LV-10-4.0-011124-01 — Lab Sample ID: 570-167861-41

No Detections.

## Client Sample ID: LV-8-4.0-011124-01 — Lab Sample ID: 570-167861-42

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

# Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-167861-1

## Client Sample ID: LV-8-4.0-011124-02 — Lab Sample ID: 570-167861-43

No Detections.

## Client Sample ID: LV-15-02-E-1.0-011124-01 — Lab Sample ID: 570-167861-44

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 2.78 | | 2.00 | 1.32 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: LV-15-02-E-5.0-011124-01 — Lab Sample ID: 570-167861-45

No Detections.

## Client Sample ID: LV-15-02-E-7.5-011124-01 — Lab Sample ID: 570-167861-46

No Detections.

## Client Sample ID: LV-15-03-S-5.0-011124-01 — Lab Sample ID: 570-167861-47

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 7.56 | | 3.13 | 2.02 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: LV-15-03-S-7.5-011124-01 — Lab Sample ID: 570-167861-48

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 10.0 | | 2.78 | 1.80 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: EB-011124-01 — Lab Sample ID: 570-167861-49

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1254 | 0.57 | | 0.40 | 0.31 | ug/L | 1 | | 8082A | Total/NA |

This Detection Summary does not include radiochemical test results.

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: HA-SB-01-3.0-011124-01**
**Date Collected: 01/11/24 08:50**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 450 | 200 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:10 | 1 |
| Aroclor-1221 | ND | | 450 | 220 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:10 | 1 |
| Aroclor-1232 | ND | | 450 | 210 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:10 | 1 |
| Aroclor-1242 | ND | | 450 | 170 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:10 | 1 |
| Aroclor-1248 | ND | | 450 | 220 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:10 | 1 |
| Aroclor-1254 | ND | | 450 | 210 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:10 | 1 |
| Aroclor-1260 | ND | | 450 | 200 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *50* | | *10 - 149* | *01/19/24 09:05* | *01/22/24 12:10* | *1* |
| *DCB Decachlorobiphenyl* | *80* | | *10 - 174* | *01/19/24 09:05* | *01/22/24 12:10* | *1* |

**Client Sample ID: HA-SB-01-2.0-011124-01**
**Date Collected: 01/11/24 08:47**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 460 | 200 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:21 | 1 |
| Aroclor-1221 | ND | | 460 | 220 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:21 | 1 |
| Aroclor-1232 | ND | | 460 | 210 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:21 | 1 |
| Aroclor-1242 | ND | | 460 | 170 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:21 | 1 |
| Aroclor-1248 | ND | | 460 | 220 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:21 | 1 |
| Aroclor-1254 | ND | | 460 | 210 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:21 | 1 |
| Aroclor-1260 | ND | | 460 | 200 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *79* | | *10 - 149* | *01/19/24 09:05* | *01/22/24 12:21* | *1* |
| *DCB Decachlorobiphenyl* | *83* | | *10 - 174* | *01/19/24 09:05* | *01/22/24 12:21* | *1* |

**Client Sample ID: HA-SB-01-1.0-011124-01**
**Date Collected: 01/11/24 08:45**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 430 | 190 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:17 | 1 |
| Aroclor-1221 | ND | | 430 | 210 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:17 | 1 |
| Aroclor-1232 | ND | | 430 | 200 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:17 | 1 |
| Aroclor-1242 | ND | | 430 | 160 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:17 | 1 |
| Aroclor-1248 | ND | | 430 | 210 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:17 | 1 |
| Aroclor-1254 | ND | | 430 | 200 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:17 | 1 |
| Aroclor-1260 | ND | | 430 | 190 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 11:17 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *60* | | *10 - 149* | *01/19/24 09:05* | *01/22/24 11:17* | *1* |
| *DCB Decachlorobiphenyl* | *70* | | *10 - 174* | *01/19/24 09:05* | *01/22/24 11:17* | *1* |

**Client Sample ID: HA-SB-01-4.0-011124-01**
**Date Collected: 01/11/24 08:52**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 490 | 220 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:33 | 1 |
| Aroclor-1221 | ND | | 490 | 240 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:33 | 1 |
| Aroclor-1232 | ND | | 490 | 230 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:33 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-01-4.0-011124-01**
**Date Collected: 01/11/24 08:52**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1242 | ND | | 490 | 190 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:33 | 1 |
| Aroclor-1248 | ND | | 490 | 240 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:33 | 1 |
| Aroclor-1254 | ND | | 490 | 230 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:33 | 1 |
| Aroclor-1260 | ND | | 490 | 220 | ug/Kg | ☼ | 01/19/24 09:05 | 01/22/24 12:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *56* | | *10 - 149* | *01/19/24 09:05* | *01/22/24 12:33* | *1* |
| *DCB Decachlorobiphenyl* | *81* | | *10 - 174* | *01/19/24 09:05* | *01/22/24 12:33* | *1* |

**Client Sample ID: HA-SB-08-1.0-011124-01**
**Date Collected: 01/11/24 09:30**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 840 | 370 | ug/Kg | ☼ | 01/19/24 09:05 | 01/24/24 08:35 | 2 |
| Aroclor-1221 | ND | | 840 | 400 | ug/Kg | ☼ | 01/19/24 09:05 | 01/24/24 08:35 | 2 |
| Aroclor-1232 | ND | | 840 | 390 | ug/Kg | ☼ | 01/19/24 09:05 | 01/24/24 08:35 | 2 |
| Aroclor-1242 | ND | | 840 | 320 | ug/Kg | ☼ | 01/19/24 09:05 | 01/24/24 08:35 | 2 |
| Aroclor-1248 | ND | | 840 | 400 | ug/Kg | ☼ | 01/19/24 09:05 | 01/24/24 08:35 | 2 |
| **Aroclor-1254** | **2900** | | 840 | 390 | ug/Kg | ☼ | 01/19/24 09:05 | 01/24/24 08:35 | 2 |
| Aroclor-1260 | ND | | 840 | 370 | ug/Kg | ☼ | 01/19/24 09:05 | 01/24/24 08:35 | 2 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *39* | | *10 - 149* | *01/19/24 09:05* | *01/24/24 08:35* | *2* |
| *DCB Decachlorobiphenyl* | *94* | | *10 - 174* | *01/19/24 09:05* | *01/24/24 08:35* | *2* |

**Client Sample ID: HA-SB-08-1.0-011124-02**
**Date Collected: 01/11/24 09:30**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 2400 | 1100 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:30 | 5 |
| Aroclor-1221 | ND | | 2400 | 1200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:30 | 5 |
| Aroclor-1232 | ND | | 2400 | 1100 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:30 | 5 |
| Aroclor-1242 | ND | | 2400 | 930 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:30 | 5 |
| Aroclor-1248 | ND | | 2400 | 1200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:30 | 5 |
| **Aroclor-1254** | **7800** | | 2400 | 1100 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:30 | 5 |
| Aroclor-1260 | ND | | 2400 | 1100 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:30 | 5 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *65* | | *10 - 149* | *01/19/24 08:31* | *01/24/24 15:30* | *5* |
| *DCB Decachlorobiphenyl* | *70* | | *10 - 174* | *01/19/24 08:31* | *01/24/24 15:30* | *5* |

**Client Sample ID: B-5-7.0--011124-01**
**Date Collected: 01/11/24 11:24**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 500 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:01 | 1 |
| Aroclor-1221 | ND | | 500 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:01 | 1 |
| Aroclor-1232 | ND | | 500 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:01 | 1 |
| Aroclor-1242 | ND | | 500 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:01 | 1 |
| Aroclor-1248 | ND | | 500 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:01 | 1 |
| Aroclor-1254 | ND | | 500 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:01 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: B-5-7.0--011124-01**
**Date Collected: 01/11/24 11:24**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 | ND | | 500 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *66* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 17:01* | *1* |
| *DCB Decachlorobiphenyl* | *81* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 17:01* | *1* |

**Client Sample ID: B-5-7.0--011124-02**
**Date Collected: 01/11/24 11:24**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 470 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:04 | 1 |
| Aroclor-1221 | ND | | 470 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:04 | 1 |
| Aroclor-1232 | ND | | 470 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:04 | 1 |
| Aroclor-1242 | ND | | 470 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:04 | 1 |
| Aroclor-1248 | ND | | 470 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:04 | 1 |
| Aroclor-1254 | ND | | 470 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:04 | 1 |
| Aroclor-1260 | ND | | 470 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *80* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 18:04* | *1* |
| *DCB Decachlorobiphenyl* | *78* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 18:04* | *1* |

**Client Sample ID: B-5-5.0-011124-01**
**Date Collected: 01/11/24 11:20**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:19 | 1 |
| Aroclor-1221 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:19 | 1 |
| Aroclor-1232 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:19 | 1 |
| Aroclor-1242 | ND | | 480 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:19 | 1 |
| Aroclor-1248 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:19 | 1 |
| Aroclor-1254 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:19 | 1 |
| Aroclor-1260 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *80* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 18:19* | *1* |
| *DCB Decachlorobiphenyl* | *80* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 18:19* | *1* |

**Client Sample ID: B-5-6.0-011124-01**
**Date Collected: 01/11/24 11:22**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 400 | 170 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:06 | 1 |
| Aroclor-1221 | ND | | 400 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:06 | 1 |
| Aroclor-1232 | ND | | 400 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:06 | 1 |
| Aroclor-1242 | ND | | 400 | 150 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:06 | 1 |
| Aroclor-1248 | ND | | 400 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:06 | 1 |
| Aroclor-1254 | ND | | 400 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:06 | 1 |
| Aroclor-1260 | ND | | 400 | 170 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:06 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 76 | | 10 - 149 | 01/19/24 08:31 | 01/22/24 19:06 | 1 |
| DCB Decachlorobiphenyl | 80 | | 10 - 174 | 01/19/24 08:31 | 01/22/24 19:06 | 1 |

**Client Sample ID: HA-SB-03-1.0-011124-01**
**Date Collected: 01/11/24 13:20**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 420 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:22 | 1 |
| Aroclor-1221 | ND | | 420 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:22 | 1 |
| Aroclor-1232 | ND | | 420 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:22 | 1 |
| Aroclor-1242 | ND | | 420 | 160 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:22 | 1 |
| Aroclor-1248 | ND | | 420 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:22 | 1 |
| Aroclor-1254 | ND | | 420 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:22 | 1 |
| Aroclor-1260 | ND | | 420 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:22 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 76 | | 10 - 149 | 01/19/24 08:31 | 01/22/24 19:22 | 1 |
| DCB Decachlorobiphenyl | 79 | | 10 - 174 | 01/19/24 08:31 | 01/22/24 19:22 | 1 |

**Client Sample ID: HA-SB-03-2.0-011124-01**
**Date Collected: 01/11/24 13:22**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:37 | 1 |
| Aroclor-1221 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:37 | 1 |
| Aroclor-1232 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:37 | 1 |
| Aroclor-1242 | ND | | 480 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:37 | 1 |
| Aroclor-1248 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:37 | 1 |
| Aroclor-1254 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:37 | 1 |
| Aroclor-1260 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:37 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 74 | | 10 - 149 | 01/19/24 08:31 | 01/22/24 19:37 | 1 |
| DCB Decachlorobiphenyl | 82 | | 10 - 174 | 01/19/24 08:31 | 01/22/24 19:37 | 1 |

**Client Sample ID: HA-SB-03-4.0-011124-01**
**Date Collected: 01/11/24 13:26**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 540 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 15:54 | 1 |
| Aroclor-1221 | ND | | 540 | 260 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 15:54 | 1 |
| Aroclor-1232 | ND | | 540 | 250 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 15:54 | 1 |
| Aroclor-1242 | ND | | 540 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 15:54 | 1 |
| Aroclor-1248 | ND | | 540 | 260 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 15:54 | 1 |
| Aroclor-1254 | ND | | 540 | 250 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 15:54 | 1 |
| Aroclor-1260 | ND | | 540 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 15:54 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 78 | | 10 - 149 | 01/19/24 08:31 | 01/22/24 15:54 | 1 |
| DCB Decachlorobiphenyl | 72 | | 10 - 174 | 01/19/24 08:31 | 01/22/24 15:54 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: HA-SB-03-3.0-011124-01**
**Date Collected: 01/11/24 13:24**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 580 | 250 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:09 | 1 |
| Aroclor-1221 | ND | | 580 | 280 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:09 | 1 |
| Aroclor-1232 | ND | | 580 | 270 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:09 | 1 |
| Aroclor-1242 | ND | | 580 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:09 | 1 |
| Aroclor-1248 | ND | | 580 | 280 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:09 | 1 |
| Aroclor-1254 | ND | | 580 | 270 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:09 | 1 |
| Aroclor-1260 | ND | | 580 | 250 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *111* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 16:09* | *1* |
| *DCB Decachlorobiphenyl* | *100* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 16:09* | *1* |

**Client Sample ID: SB-11-3.0-011124-01**
**Date Collected: 01/11/24 12:52**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 450 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:25 | 1 |
| Aroclor-1221 | ND | | 450 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:25 | 1 |
| Aroclor-1232 | ND | | 450 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:25 | 1 |
| Aroclor-1242 | ND | | 450 | 170 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:25 | 1 |
| Aroclor-1248 | ND | | 450 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:25 | 1 |
| Aroclor-1254 | ND | | 450 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:25 | 1 |
| Aroclor-1260 | ND | | 450 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *88* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 16:25* | *1* |
| *DCB Decachlorobiphenyl* | *83* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 16:25* | *1* |

**Client Sample ID: SB-11-4.0-011124-01**
**Date Collected: 01/11/24 12:50**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:40 | 1 |
| Aroclor-1221 | ND | | 550 | 260 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:40 | 1 |
| Aroclor-1232 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:40 | 1 |
| Aroclor-1242 | ND | | 550 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:40 | 1 |
| Aroclor-1248 | ND | | 550 | 260 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:40 | 1 |
| Aroclor-1254 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:40 | 1 |
| Aroclor-1260 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *98* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 16:40* | *1* |
| *DCB Decachlorobiphenyl* | *91* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 16:40* | *1* |

**Client Sample ID: HA-SB-05-1.0-011124-01**
**Date Collected: 01/11/24 12:30**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 430 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:56 | 1 |
| Aroclor-1221 | ND | | 430 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:56 | 1 |
| Aroclor-1232 | ND | | 430 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:56 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-05-1.0-011124-01**
**Date Collected: 01/11/24 12:30**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1242 | ND | | 430 | 160 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:56 | 1 |
| Aroclor-1248 | ND | | 430 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:56 | 1 |
| Aroclor-1254 | ND | | 430 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:56 | 1 |
| Aroclor-1260 | ND | | 430 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 16:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *79* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 16:56* | *1* |
| *DCB Decachlorobiphenyl* | *74* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 16:56* | *1* |

**Client Sample ID: HA-SB-05-2.0-011124-01**
**Date Collected: 01/11/24 12:33**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:11 | 1 |
| Aroclor-1221 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:11 | 1 |
| Aroclor-1232 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:11 | 1 |
| Aroclor-1242 | ND | | 480 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:11 | 1 |
| Aroclor-1248 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:11 | 1 |
| Aroclor-1254 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:11 | 1 |
| Aroclor-1260 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *73* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 17:11* | *1* |
| *DCB Decachlorobiphenyl* | *73* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 17:11* | *1* |

**Client Sample ID: HA-SB-05-4.0-011124-01**
**Date Collected: 01/11/24 12:37**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 510 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:27 | 1 |
| Aroclor-1221 | ND | | 510 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:27 | 1 |
| Aroclor-1232 | ND | | 510 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:27 | 1 |
| Aroclor-1242 | ND | | 510 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:27 | 1 |
| Aroclor-1248 | ND | | 510 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:27 | 1 |
| Aroclor-1254 | ND | | 510 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:27 | 1 |
| Aroclor-1260 | ND | | 510 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 17:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *60* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 17:27* | *1* |
| *DCB Decachlorobiphenyl* | *60* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 17:27* | *1* |

**Client Sample ID: HA-SB-05-3.0-011124-01**
**Date Collected: 01/11/24 12:35**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:02 | 1 |
| Aroclor-1221 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:02 | 1 |
| Aroclor-1232 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:02 | 1 |
| Aroclor-1242 | ND | | 480 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:02 | 1 |
| Aroclor-1248 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:02 | 1 |
| Aroclor-1254 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:02 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-05-3.0-011124-01**
**Date Collected: 01/11/24 12:35**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/24/24 15:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *73* | | *10 - 149* | *01/19/24 08:31* | *01/24/24 15:02* | *1* |
| *DCB Decachlorobiphenyl* | *104* | | *10 - 174* | *01/19/24 08:31* | *01/24/24 15:02* | *1* |

**Client Sample ID: HA-SB-05-3.0-011124-02**
**Date Collected: 01/11/24 12:35**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 500 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:13 | 1 |
| Aroclor-1221 | ND | | 500 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:13 | 1 |
| Aroclor-1232 | ND | | 500 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:13 | 1 |
| Aroclor-1242 | ND | | 500 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:13 | 1 |
| Aroclor-1248 | ND | | 500 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:13 | 1 |
| Aroclor-1254 | ND | | 500 | 230 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:13 | 1 |
| Aroclor-1260 | ND | | 500 | 220 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *93* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 18:13* | *1* |
| *DCB Decachlorobiphenyl* | *83* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 18:13* | *1* |

**Client Sample ID: SB-16-3.0-011124-01**
**Date Collected: 01/11/24 12:20**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:29 | 1 |
| Aroclor-1221 | ND | | 550 | 260 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:29 | 1 |
| Aroclor-1232 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:29 | 1 |
| Aroclor-1242 | ND | | 550 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:29 | 1 |
| Aroclor-1248 | ND | | 550 | 260 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:29 | 1 |
| Aroclor-1254 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:29 | 1 |
| Aroclor-1260 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *73* | | *10 - 149* | *01/19/24 08:31* | *01/22/24 18:29* | *1* |
| *DCB Decachlorobiphenyl* | *69* | | *10 - 174* | *01/19/24 08:31* | *01/22/24 18:29* | *1* |

**Client Sample ID: SB-16-4.0-011124-01**
**Date Collected: 01/11/24 12:22**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 410 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:44 | 1 |
| Aroclor-1221 | ND | | 410 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:44 | 1 |
| Aroclor-1232 | ND | | 410 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:44 | 1 |
| Aroclor-1242 | ND | | 410 | 150 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:44 | 1 |
| Aroclor-1248 | ND | | 410 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:44 | 1 |
| Aroclor-1254 | ND | | 410 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:44 | 1 |
| Aroclor-1260 | ND | | 410 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:44 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 74 | | 10 - 149 | 01/19/24 08:31 | 01/22/24 18:44 | 1 |
| DCB Decachlorobiphenyl | 70 | | 10 - 174 | 01/19/24 08:31 | 01/22/24 18:44 | 1 |

**Client Sample ID: SB-14-3.0-011124-01**
**Date Collected: 01/11/24 10:00**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 410 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:59 | 1 |
| Aroclor-1221 | ND | | 410 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:59 | 1 |
| Aroclor-1232 | ND | | 410 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:59 | 1 |
| Aroclor-1242 | ND | | 410 | 160 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:59 | 1 |
| Aroclor-1248 | ND | | 410 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:59 | 1 |
| Aroclor-1254 | ND | | 410 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:59 | 1 |
| Aroclor-1260 | ND | | 410 | 180 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 18:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 83 | | 10 - 149 | 01/19/24 08:31 | 01/22/24 18:59 | 1 |
| DCB Decachlorobiphenyl | 79 | | 10 - 174 | 01/19/24 08:31 | 01/22/24 18:59 | 1 |

**Client Sample ID: SB-14-3.0-011124-02**
**Date Collected: 01/11/24 10:00**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 430 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:15 | 1 |
| Aroclor-1221 | ND | | 430 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:15 | 1 |
| Aroclor-1232 | ND | | 430 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:15 | 1 |
| Aroclor-1242 | ND | | 430 | 160 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:15 | 1 |
| Aroclor-1248 | ND | | 430 | 210 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:15 | 1 |
| Aroclor-1254 | ND | | 430 | 200 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:15 | 1 |
| Aroclor-1260 | ND | | 430 | 190 | ug/Kg | ☼ | 01/19/24 08:31 | 01/22/24 19:15 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 78 | | 10 - 149 | 01/19/24 08:31 | 01/22/24 19:15 | 1 |
| DCB Decachlorobiphenyl | 81 | | 10 - 174 | 01/19/24 08:31 | 01/22/24 19:15 | 1 |

**Client Sample ID: SB-14-4.0-011124-01**
**Date Collected: 01/11/24 10:02**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 620 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:20 | 1 |
| Aroclor-1221 | ND | | 620 | 300 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:20 | 1 |
| Aroclor-1232 | ND | | 620 | 280 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:20 | 1 |
| Aroclor-1242 | ND | | 620 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:20 | 1 |
| Aroclor-1248 | ND | | 620 | 300 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:20 | 1 |
| Aroclor-1254 | ND | | 620 | 280 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:20 | 1 |
| Aroclor-1260 | ND | | 620 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:20 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 20 | | 10 - 149 | 01/19/24 08:43 | 01/22/24 14:20 | 1 |
| DCB Decachlorobiphenyl | 30 | | 10 - 174 | 01/19/24 08:43 | 01/22/24 14:20 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: HA-SB-10-1.0-011124-01**
**Date Collected: 01/11/24 10:40**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 520 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:35 | 1 |
| Aroclor-1221 | ND | | 520 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:35 | 1 |
| Aroclor-1232 | ND | | 520 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:35 | 1 |
| Aroclor-1242 | ND | | 520 | 200 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:35 | 1 |
| Aroclor-1248 | ND | | 520 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:35 | 1 |
| Aroclor-1254 | ND | | 520 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:35 | 1 |
| Aroclor-1260 | ND | | 520 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *117* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 14:35* | *1* |
| *DCB Decachlorobiphenyl* | *152* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 14:35* | *1* |

**Client Sample ID: HA-SB-10-2.0-011124-01**
**Date Collected: 01/11/24 10:42**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-28**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 500 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:51 | 1 |
| Aroclor-1221 | ND | | 500 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:51 | 1 |
| Aroclor-1232 | ND | | 500 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:51 | 1 |
| Aroclor-1242 | ND | | 500 | 190 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:51 | 1 |
| Aroclor-1248 | ND | | 500 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:51 | 1 |
| Aroclor-1254 | ND | | 500 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:51 | 1 |
| Aroclor-1260 | ND | | 500 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 14:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *48* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 14:51* | *1* |
| *DCB Decachlorobiphenyl* | *85* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 14:51* | *1* |

**Client Sample ID: HA-SB-10-2.0-011124-02**
**Date Collected: 01/11/24 10:42**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-29**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 510 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:06 | 1 |
| Aroclor-1221 | ND | | 510 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:06 | 1 |
| Aroclor-1232 | ND | | 510 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:06 | 1 |
| Aroclor-1242 | ND | | 510 | 190 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:06 | 1 |
| Aroclor-1248 | ND | | 510 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:06 | 1 |
| Aroclor-1254 | ND | | 510 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:06 | 1 |
| Aroclor-1260 | ND | | 510 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *27* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 15:06* | *1* |
| *DCB Decachlorobiphenyl* | *58* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 15:06* | *1* |

**Client Sample ID: HA-SB-10-3.0-011124-01**
**Date Collected: 01/11/24 10:44**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 580 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:21 | 1 |
| Aroclor-1221 | ND | | 580 | 280 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:21 | 1 |
| Aroclor-1232 | ND | | 580 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:21 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-10-3.0-011124-01**
**Date Collected: 01/11/24 10:44**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-30**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1242 | ND | | 580 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:21 | 1 |
| Aroclor-1248 | ND | | 580 | 280 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:21 | 1 |
| Aroclor-1254 | ND | | 580 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:21 | 1 |
| Aroclor-1260 | ND | | 580 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 15:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *53* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 15:21* | *1* |
| *DCB Decachlorobiphenyl* | *65* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 15:21* | *1* |

**Client Sample ID: HA-SB-10-4.0-011124-01**
**Date Collected: 01/11/24 10:46**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-31**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:06 | 1 |
| Aroclor-1221 | ND | | 550 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:06 | 1 |
| Aroclor-1232 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:06 | 1 |
| Aroclor-1242 | ND | | 550 | 210 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:06 | 1 |
| Aroclor-1248 | ND | | 550 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:06 | 1 |
| Aroclor-1254 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:06 | 1 |
| Aroclor-1260 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *48* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 16:06* | *1* |
| *DCB Decachlorobiphenyl* | *58* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 16:06* | *1* |

**Client Sample ID: HA-SB-10-4.0-011124-02**
**Date Collected: 01/11/24 10:46**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-32**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:28 | 1 |
| Aroclor-1221 | ND | | 550 | 260 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:28 | 1 |
| Aroclor-1232 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:28 | 1 |
| Aroclor-1242 | ND | | 550 | 210 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:28 | 1 |
| Aroclor-1248 | ND | | 550 | 260 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:28 | 1 |
| Aroclor-1254 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:28 | 1 |
| Aroclor-1260 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *71* | | *10 - 149* | *01/19/24 08:43* | *01/23/24 11:28* | *1* |
| *DCB Decachlorobiphenyl* | *94* | | *10 - 174* | *01/19/24 08:43* | *01/23/24 11:28* | *1* |

**Client Sample ID: HA-SB-09-0.5-011124-01**
**Date Collected: 01/11/24 13:35**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | F2 | 510 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:51 | 1 |
| Aroclor-1221 | ND | | 510 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:51 | 1 |
| Aroclor-1232 | ND | | 510 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:51 | 1 |
| Aroclor-1242 | ND | | 510 | 190 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:51 | 1 |
| Aroclor-1248 | ND | | 510 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:51 | 1 |
| Aroclor-1254 | ND | | 510 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:51 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: HA-SB-09-0.5-011124-01**
**Date Collected: 01/11/24 13:35**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-33**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 | ND | F2 | 510 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 16:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *48* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 16:51* | *1* |
| *DCB Decachlorobiphenyl* | *72* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 16:51* | *1* |

**Client Sample ID: HA-SB-09-1.0-011124-01**
**Date Collected: 01/11/24 13:36**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-34**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 17:37 | 1 |
| Aroclor-1221 | ND | | 550 | 260 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 17:37 | 1 |
| Aroclor-1232 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 17:37 | 1 |
| Aroclor-1242 | ND | | 550 | 210 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 17:37 | 1 |
| Aroclor-1248 | ND | | 550 | 260 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 17:37 | 1 |
| Aroclor-1254 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 17:37 | 1 |
| Aroclor-1260 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 17:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *80* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 17:37* | *1* |
| *DCB Decachlorobiphenyl* | *104* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 17:37* | *1* |

**Client Sample ID: HA-SB-09-1.0-011124-02**
**Date Collected: 01/11/24 13:36**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 500 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:43 | 1 |
| Aroclor-1221 | ND | | 500 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:43 | 1 |
| Aroclor-1232 | ND | | 500 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:43 | 1 |
| Aroclor-1242 | ND | | 500 | 190 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:43 | 1 |
| Aroclor-1248 | ND | | 500 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:43 | 1 |
| Aroclor-1254 | ND | | 500 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:43 | 1 |
| Aroclor-1260 | ND | | 500 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *53* | | *10 - 149* | *01/19/24 08:43* | *01/23/24 11:43* | *1* |
| *DCB Decachlorobiphenyl* | *67* | | *10 - 174* | *01/19/24 08:43* | *01/23/24 11:43* | *1* |

**Client Sample ID: HA-SB-09-2.0-011124-01**
**Date Collected: 01/11/24 13:37**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:07 | 1 |
| Aroclor-1221 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:07 | 1 |
| Aroclor-1232 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:07 | 1 |
| Aroclor-1242 | ND | | 480 | 180 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:07 | 1 |
| Aroclor-1248 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:07 | 1 |
| Aroclor-1254 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:07 | 1 |
| Aroclor-1260 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:07 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *61* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 18:07* | *1* |
| *DCB Decachlorobiphenyl* | *77* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 18:07* | *1* |

**Client Sample ID: HA-SB-09-3.0-011124-01**
**Date Collected: 01/11/24 13:40**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 640 | 280 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:23 | 1 |
| Aroclor-1221 | ND | | 640 | 310 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:23 | 1 |
| Aroclor-1232 | ND | | 640 | 300 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:23 | 1 |
| Aroclor-1242 | ND | | 640 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:23 | 1 |
| Aroclor-1248 | ND | | 640 | 310 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:23 | 1 |
| **Aroclor-1254** | **570** | **J** | 640 | 300 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:23 | 1 |
| Aroclor-1260 | ND | | 640 | 280 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *95* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 18:23* | *1* |
| *DCB Decachlorobiphenyl* | *122* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 18:23* | *1* |

**Client Sample ID: HA-SB-09-4.0-011124-01**
**Date Collected: 01/11/24 13:42**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 720 | 320 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:38 | 1 |
| Aroclor-1221 | ND | | 720 | 350 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:38 | 1 |
| Aroclor-1232 | ND | | 720 | 330 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:38 | 1 |
| Aroclor-1242 | ND | | 720 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:38 | 1 |
| Aroclor-1248 | ND | | 720 | 350 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:38 | 1 |
| **Aroclor-1254** | **970** | | 720 | 330 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:38 | 1 |
| Aroclor-1260 | ND | | 720 | 320 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *61* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 18:38* | *1* |
| *DCB Decachlorobiphenyl* | *89* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 18:38* | *1* |

**Client Sample ID: LV-10-2.0-011124-01**
**Date Collected: 01/11/24 14:00**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:53 | 1 |
| Aroclor-1221 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:53 | 1 |
| Aroclor-1232 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:53 | 1 |
| Aroclor-1242 | ND | | 480 | 180 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:53 | 1 |
| Aroclor-1248 | ND | | 480 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:53 | 1 |
| Aroclor-1254 | ND | | 480 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:53 | 1 |
| Aroclor-1260 | ND | | 480 | 210 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 18:53 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *44* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 18:53* | *1* |
| *DCB Decachlorobiphenyl* | *53* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 18:53* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: LV-10-3.0-011124-01**
**Date Collected: 01/11/24 14:02**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 570 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:08 | 1 |
| Aroclor-1221 | ND | | 570 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:08 | 1 |
| Aroclor-1232 | ND | | 570 | 260 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:08 | 1 |
| Aroclor-1242 | ND | | 570 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:08 | 1 |
| Aroclor-1248 | ND | | 570 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:08 | 1 |
| Aroclor-1254 | ND | | 570 | 260 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:08 | 1 |
| Aroclor-1260 | ND | | 570 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *55* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 19:08* | *1* |
| *DCB Decachlorobiphenyl* | *71* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 19:08* | *1* |

**Client Sample ID: LV-10-4.0-011124-01**
**Date Collected: 01/11/24 14:04**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 400 | 180 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:23 | 1 |
| Aroclor-1221 | ND | | 400 | 190 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:23 | 1 |
| Aroclor-1232 | ND | | 400 | 180 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:23 | 1 |
| Aroclor-1242 | ND | | 400 | 150 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:23 | 1 |
| Aroclor-1248 | ND | | 400 | 190 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:23 | 1 |
| Aroclor-1254 | ND | | 400 | 180 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:23 | 1 |
| Aroclor-1260 | ND | | 400 | 180 | ug/Kg | ☼ | 01/19/24 08:43 | 01/22/24 19:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *93* | | *10 - 149* | *01/19/24 08:43* | *01/22/24 19:23* | *1* |
| *DCB Decachlorobiphenyl* | *116* | | *10 - 174* | *01/19/24 08:43* | *01/22/24 19:23* | *1* |

**Client Sample ID: LV-8-4.0-011124-01**
**Date Collected: 01/11/24 14:20**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-42**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 510 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:58 | 1 |
| Aroclor-1221 | ND | | 510 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:58 | 1 |
| Aroclor-1232 | ND | | 510 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:58 | 1 |
| Aroclor-1242 | ND | | 510 | 190 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:58 | 1 |
| Aroclor-1248 | ND | | 510 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:58 | 1 |
| Aroclor-1254 | ND | | 510 | 230 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:58 | 1 |
| Aroclor-1260 | ND | | 510 | 220 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 11:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *82* | | *10 - 149* | *01/19/24 08:43* | *01/23/24 11:58* | *1* |
| *DCB Decachlorobiphenyl* | *109* | | *10 - 174* | *01/19/24 08:43* | *01/23/24 11:58* | *1* |

**Client Sample ID: LV-8-4.0-011124-02**
**Date Collected: 01/11/24 14:20**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-43**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 12:13 | 1 |
| Aroclor-1221 | ND | | 550 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 12:13 | 1 |
| Aroclor-1232 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 12:13 | 1 |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Client Sample ID: LV-8-4.0-011124-02**
**Date Collected: 01/11/24 14:20**
**Date Received: 01/11/24 18:30**

**Lab Sample ID: 570-167861-43**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1242 | ND | | 550 | 210 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 12:13 | 1 |
| Aroclor-1248 | ND | | 550 | 270 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 12:13 | 1 |
| Aroclor-1254 | ND | | 550 | 250 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 12:13 | 1 |
| Aroclor-1260 | ND | | 550 | 240 | ug/Kg | ☼ | 01/19/24 08:43 | 01/23/24 12:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *92* | | *10 - 149* | *01/19/24 08:43* | *01/23/24 12:13* | *1* |
| *DCB Decachlorobiphenyl* | *120* | | *10 - 174* | *01/19/24 08:43* | *01/23/24 12:13* | *1* |

**Client Sample ID: EB-011124-01**
**Date Collected: 01/11/24 15:30**
**Date Received: 01/11/24 18:30**

**Lab Sample ID: 570-167861-49**
**Matrix: Water**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 16:50 | 1 |
| Aroclor-1221 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 16:50 | 1 |
| Aroclor-1232 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 16:50 | 1 |
| Aroclor-1242 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 16:50 | 1 |
| Aroclor-1248 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 16:50 | 1 |
| **Aroclor-1254** | **0.57** | | 0.40 | 0.31 | ug/L | | 01/17/24 15:22 | 01/21/24 16:50 | 1 |
| Aroclor-1260 | ND | | 0.40 | 0.31 | ug/L | | 01/17/24 15:22 | 01/21/24 16:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr)* | *34* | | *20 - 122* | *01/17/24 15:22* | *01/21/24 16:50* | *1* |
| *Tetrachloro-m-xylene (Surr)* | *55* | | *20 - 144* | *01/17/24 15:22* | *01/21/24 16:50* | *1* |

## Method: SW846 6010B - Metals (ICP)

**Client Sample ID: HA-SB-01-2.0-011124-01**
**Lab Sample ID: 570-167861-2**
**Date Collected: 01/11/24 08:47**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **6.60** | | 1.92 | 1.27 | mg/Kg | | 01/16/24 09:51 | 01/17/24 13:04 | 2 |

**Client Sample ID: HA-SB-01-1.0-011124-01**
**Lab Sample ID: 570-167861-3**
**Date Collected: 01/11/24 08:45**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **9.33** | | 1.92 | 1.27 | mg/Kg | | 01/16/24 09:51 | 01/17/24 12:54 | 2 |

**Client Sample ID: LV-15-02-E-1.0-011124-01**
**Lab Sample ID: 570-167861-44**
**Date Collected: 01/11/24 14:30**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Lead** | **2.78** | | 2.00 | 1.32 | mg/Kg | | 01/16/24 09:51 | 01/17/24 16:34 | 2 |

**Client Sample ID: LV-15-02-E-5.0-011124-01**
**Lab Sample ID: 570-167861-45**
**Date Collected: 01/11/24 14:32**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | | 2.83 | 1.83 | mg/Kg | | 01/16/24 09:51 | 01/17/24 16:36 | 2 |

**Client Sample ID: LV-15-02-E-7.5-011124-01**
**Lab Sample ID: 570-167861-46**
**Date Collected: 01/11/24 14:34**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | | 2.88 | 1.87 | mg/Kg | | 01/16/24 09:51 | 01/17/24 16:38 | 2 |

**Client Sample ID: LV-15-03-S-5.0-011124-01**
**Lab Sample ID: 570-167861-47**
**Date Collected: 01/11/24 15:00**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Arsenic** | **7.56** | | 3.13 | 2.02 | mg/Kg | | 01/16/24 09:51 | 01/17/24 16:41 | 2 |

**Client Sample ID: LV-15-03-S-7.5-011124-01**
**Lab Sample ID: 570-167861-48**
**Date Collected: 01/11/24 15:05**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Arsenic** | **10.0** | | 2.78 | 1.80 | mg/Kg | | 01/16/24 09:51 | 01/17/24 16:43 | 2 |

## General Chemistry

**Client Sample ID: HA-SB-01-3.0-011124-01** **Lab Sample ID: 570-167861-1**
**Date Collected: 01/11/24 08:50** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 19.9 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |
| pH (SW846 9045D) | 7.9 | H | 0.01 | 0.01 | S.U. | | | 01/16/24 00:32 | 1 |
| Temperature (SW846 9045D) | 20.2 | H | 1 | 1 | Deg. C | | | 01/16/24 00:32 | 1 |

**Client Sample ID: HA-SB-01-2.0-011124-01** **Lab Sample ID: 570-167861-2**
**Date Collected: 01/11/24 08:47** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 19.1 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |
| pH (SW846 9045D) | 8.0 | H | 0.01 | 0.01 | S.U. | | | 01/16/24 00:32 | 1 |
| Temperature (SW846 9045D) | 20.1 | H | 1 | 1 | Deg. C | | | 01/16/24 00:32 | 1 |

**Client Sample ID: HA-SB-01-1.0-011124-01** **Lab Sample ID: 570-167861-3**
**Date Collected: 01/11/24 08:45** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 16.8 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |
| pH (SW846 9045D) | 8.9 | H | 0.01 | 0.01 | S.U. | | | 01/16/24 00:32 | 1 |
| Temperature (SW846 9045D) | 20.1 | H | 1 | 1 | Deg. C | | | 01/16/24 00:32 | 1 |

**Client Sample ID: HA-SB-01-4.0-011124-01** **Lab Sample ID: 570-167861-4**
**Date Collected: 01/11/24 08:52** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 17.7 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |
| pH (SW846 9045D) | 8.5 | H | 0.01 | 0.01 | S.U. | | | 01/16/24 00:32 | 1 |
| Temperature (SW846 9045D) | 19.9 | H | 1 | 1 | Deg. C | | | 01/16/24 00:32 | 1 |

**Client Sample ID: HA-SB-08-1.0-011124-01** **Lab Sample ID: 570-167861-5**
**Date Collected: 01/11/24 09:30** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 10.9 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: HA-SB-08-1.0-011124-02** **Lab Sample ID: 570-167861-6**
**Date Collected: 01/11/24 09:30** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 15.3 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: B-5-7.0--011124-01** **Lab Sample ID: 570-167861-7**
**Date Collected: 01/11/24 11:24** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 9.00 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |
| pH (SW846 9045D) | 8.9 | H | 0.01 | 0.01 | S.U. | | | 01/16/24 00:32 | 1 |
| Temperature (SW846 9045D) | 20.1 | H | 1 | 1 | Deg. C | | | 01/16/24 00:32 | 1 |

## General Chemistry

**Client Sample ID: B-5-7.0--011124-02**
**Date Collected: 01/11/24 11:24**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 6.01 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: B-5-5.0-011124-01**
**Date Collected: 01/11/24 11:20**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 16.5 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: B-5-6.0-011124-01**
**Date Collected: 01/11/24 11:22**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 15.3 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: HA-SB-03-1.0-011124-01**
**Date Collected: 01/11/24 13:20**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 16.4 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: HA-SB-03-2.0-011124-01**
**Date Collected: 01/11/24 13:22**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 21.1 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: HA-SB-03-4.0-011124-01**
**Date Collected: 01/11/24 13:26**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 25.9 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: HA-SB-03-3.0-011124-01**
**Date Collected: 01/11/24 13:24**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 22.0 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: SB-11-3.0-011124-01**
**Date Collected: 01/11/24 12:52**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 22.1 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: SB-11-4.0-011124-01**
**Date Collected: 01/11/24 12:50**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 23.7 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

## General Chemistry

**Client Sample ID: HA-SB-05-1.0-011124-01** **Lab Sample ID: 570-167861-17**
**Date Collected: 01/11/24 12:30** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 19.3 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: HA-SB-05-2.0-011124-01** **Lab Sample ID: 570-167861-18**
**Date Collected: 01/11/24 12:33** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 20.9 | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Client Sample ID: HA-SB-05-4.0-011124-01** **Lab Sample ID: 570-167861-19**
**Date Collected: 01/11/24 12:37** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 12.5 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: HA-SB-05-3.0-011124-01** **Lab Sample ID: 570-167861-20**
**Date Collected: 01/11/24 12:35** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 15.2 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |
| pH (SW846 9045D) | 8.3 | H | 0.01 | 0.01 | S.U. | | | 01/16/24 00:32 | 1 |
| Temperature (SW846 9045D) | 19.9 | H | 1 | 1 | Deg. C | | | 01/16/24 00:32 | 1 |

**Client Sample ID: HA-SB-05-3.0-011124-02** **Lab Sample ID: 570-167861-21**
**Date Collected: 01/11/24 12:35** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 17.0 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: SB-16-3.0-011124-01** **Lab Sample ID: 570-167861-22**
**Date Collected: 01/11/24 12:20** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 19.7 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: SB-16-4.0-011124-01** **Lab Sample ID: 570-167861-23**
**Date Collected: 01/11/24 12:22** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 13.6 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: SB-14-3.0-011124-01** **Lab Sample ID: 570-167861-24**
**Date Collected: 01/11/24 10:00** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 14.3 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: SB-14-3.0-011124-02** **Lab Sample ID: 570-167861-25**
**Date Collected: 01/11/24 10:00** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 14.3 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

## General Chemistry

**Client Sample ID: SB-14-4.0-011124-01**
**Lab Sample ID: 570-167861-26**
**Date Collected: 01/11/24 10:02**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 22.0 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: HA-SB-10-1.0-011124-01**
**Lab Sample ID: 570-167861-27**
**Date Collected: 01/11/24 10:40**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 17.1 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: HA-SB-10-2.0-011124-01**
**Lab Sample ID: 570-167861-28**
**Date Collected: 01/11/24 10:42**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 1.64 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: HA-SB-10-2.0-011124-02**
**Lab Sample ID: 570-167861-29**
**Date Collected: 01/11/24 10:42**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 2.17 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: HA-SB-10-3.0-011124-01**
**Lab Sample ID: 570-167861-30**
**Date Collected: 01/11/24 10:44**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 19.7 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: HA-SB-10-4.0-011124-01**
**Lab Sample ID: 570-167861-31**
**Date Collected: 01/11/24 10:46**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 18.6 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: HA-SB-10-4.0-011124-02**
**Lab Sample ID: 570-167861-32**
**Date Collected: 01/11/24 10:46**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 19.0 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: HA-SB-09-0.5-011124-01**
**Lab Sample ID: 570-167861-33**
**Date Collected: 01/11/24 13:35**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 18.3 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |
| pH (SW846 9045D) | 8.2 | H | 0.01 | 0.01 | S.U. | | | 01/16/24 00:32 | 1 |
| Temperature (SW846 9045D) | 19.9 | H | 1 | 1 | Deg. C | | | 01/16/24 00:32 | 1 |

**Client Sample ID: HA-SB-09-1.0-011124-01**
**Lab Sample ID: 570-167861-34**
**Date Collected: 01/11/24 13:36**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 17.6 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

## General Chemistry

**Client Sample ID: HA-SB-09-1.0-011124-02**
**Date Collected: 01/11/24 13:36**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-35**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 17.8 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Client Sample ID: HA-SB-09-2.0-011124-01**
**Date Collected: 01/11/24 13:37**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-36**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 13.6 | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |
| pH (SW846 9045D) | 8.4 | H | 0.01 | 0.01 | S.U. | | | 01/16/24 00:32 | 1 |
| Temperature (SW846 9045D) | 19.8 | H | 1 | 1 | Deg. C | | | 01/16/24 00:32 | 1 |

**Client Sample ID: HA-SB-09-3.0-011124-01**
**Date Collected: 01/11/24 13:40**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-37**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 36.1 | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: HA-SB-09-4.0-011124-01**
**Date Collected: 01/11/24 13:42**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-38**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 35.7 | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |
| pH (SW846 9045D) | 11.3 | H | 0.01 | 0.01 | S.U. | | | 01/16/24 00:32 | 1 |
| Temperature (SW846 9045D) | 19.5 | H | 1 | 1 | Deg. C | | | 01/16/24 00:32 | 1 |

**Client Sample ID: LV-10-2.0-011124-01**
**Date Collected: 01/11/24 14:00**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-39**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 16.9 | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: LV-10-3.0-011124-01**
**Date Collected: 01/11/24 14:02**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-40**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 16.0 | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: LV-10-4.0-011124-01**
**Date Collected: 01/11/24 14:04**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-41**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 14.8 | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: LV-8-4.0-011124-01**
**Date Collected: 01/11/24 14:20**
**Date Received: 01/11/24 18:30**
**Lab Sample ID: 570-167861-42**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 14.1 | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

## General Chemistry

**Client Sample ID: LV-8-4.0-011124-02** **Lab Sample ID: 570-167861-43**
**Date Collected: 01/11/24 14:20** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (SM 2540G)** | **14.9** | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: LV-15-02-E-1.0-011124-01** **Lab Sample ID: 570-167861-44**
**Date Collected: 01/11/24 14:30** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (SM 2540G)** | **7.02** | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |
| Chromium, hexavalent (SW846 7196A) | ND | | 0.794 | 0.287 | mg/Kg | | 01/16/24 14:16 | 01/18/24 22:27 | 1 |

**Client Sample ID: LV-15-02-E-5.0-011124-01** **Lab Sample ID: 570-167861-45**
**Date Collected: 01/11/24 14:32** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (SM 2540G)** | **10.8** | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: LV-15-02-E-7.5-011124-01** **Lab Sample ID: 570-167861-46**
**Date Collected: 01/11/24 14:34** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (SM 2540G)** | **6.05** | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: LV-15-03-S-5.0-011124-01** **Lab Sample ID: 570-167861-47**
**Date Collected: 01/11/24 15:00** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (SM 2540G)** | **24.9** | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: LV-15-03-S-7.5-011124-01** **Lab Sample ID: 570-167861-48**
**Date Collected: 01/11/24 15:05** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (SM 2540G)** | **12.3** | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

# Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-167861-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | TCX2 (10-149) | DCBP2 (10-174) |
| 570-167861-1 | HA-SB-01-3.0-011124-01 | 50 | 80 |
| 570-167861-2 | HA-SB-01-2.0-011124-01 | 79 | 83 |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | 60 | 70 |
| 570-167861-3 MS | HA-SB-01-1.0-011124-01 | 60 | 71 |
| 570-167861-3 MSD | HA-SB-01-1.0-011124-01 | 70 | 81 |
| 570-167861-4 | HA-SB-01-4.0-011124-01 | 56 | 81 |
| 570-167861-5 | HA-SB-08-1.0-011124-01 | 39 | 94 |
| LCS 240-600706/2-A | Lab Control Sample | 68 | 87 |
| MB 240-600706/1-A | Method Blank | 77 | 86 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| Lab Sample ID | Client Sample ID | TCX1 (10-149) | DCBP1 (10-174) |
| 570-167861-6 | HA-SB-08-1.0-011124-02 | 65 | 70 |
| 570-167861-7 | B-5-7.0--011124-01 | 66 | 81 |
| 570-167861-8 | B-5-7.0--011124-02 | 80 | 78 |
| 570-167861-9 | B-5-5.0-011124-01 | 80 | 80 |
| 570-167861-9 MS | B-5-5.0-011124-01 | 71 | 75 |
| 570-167861-9 MSD | B-5-5.0-011124-01 | 87 | 86 |
| 570-167861-10 | B-5-6.0-011124-01 | 76 | 80 |
| 570-167861-11 | HA-SB-03-1.0-011124-01 | 76 | 79 |
| 570-167861-12 | HA-SB-03-2.0-011124-01 | 74 | 82 |
| 570-167861-13 | HA-SB-03-4.0-011124-01 | 78 | 72 |
| 570-167861-14 | HA-SB-03-3.0-011124-01 | 111 | 100 |
| 570-167861-15 | SB-11-3.0-011124-01 | 88 | 83 |
| 570-167861-16 | SB-11-4.0-011124-01 | 98 | 91 |
| 570-167861-17 | HA-SB-05-1.0-011124-01 | 79 | 74 |
| 570-167861-18 | HA-SB-05-2.0-011124-01 | 73 | 73 |
| 570-167861-19 | HA-SB-05-4.0-011124-01 | 60 | 60 |
| 570-167861-20 | HA-SB-05-3.0-011124-01 | 73 | 104 |
| 570-167861-21 | HA-SB-05-3.0-011124-02 | 93 | 83 |
| 570-167861-22 | SB-16-3.0-011124-01 | 73 | 69 |
| 570-167861-23 | SB-16-4.0-011124-01 | 74 | 70 |
| 570-167861-24 | SB-14-3.0-011124-01 | 83 | 79 |
| 570-167861-25 | SB-14-3.0-011124-02 | 78 | 81 |
| 570-167861-26 | SB-14-4.0-011124-01 | 20 | 30 |
| 570-167861-27 | HA-SB-10-1.0-011124-01 | 117 | 152 |
| 570-167861-28 | HA-SB-10-2.0-011124-01 | 48 | 85 |
| 570-167861-29 | HA-SB-10-2.0-011124-02 | 27 | 58 |
| 570-167861-30 | HA-SB-10-3.0-011124-01 | 53 | 65 |
| 570-167861-30 MS | HA-SB-10-3.0-011124-01 | 47 | 64 |
| 570-167861-30 MSD | HA-SB-10-3.0-011124-01 | 42 | 55 |
| 570-167861-31 | HA-SB-10-4.0-011124-01 | 48 | 58 |

# Surrogate Summary

Client: Haley & Aldrich, Inc. Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | TCX1 | DCBP1 |
| Lab Sample ID | Client Sample ID | (10-149) | (10-174) |
| 570-167861-32 | HA-SB-10-4.0-011124-02 | 71 | 94 |
| 570-167861-33 | HA-SB-09-0.5-011124-01 | 48 | 72 |
| 570-167861-33 MS | HA-SB-09-0.5-011124-01 | 88 | 114 |
| 570-167861-33 MSD | HA-SB-09-0.5-011124-01 | 43 | 47 |
| 570-167861-34 | HA-SB-09-1.0-011124-01 | 80 | 104 |
| 570-167861-35 | HA-SB-09-1.0-011124-02 | 53 | 67 |
| 570-167861-36 | HA-SB-09-2.0-011124-01 | 61 | 77 |
| 570-167861-37 | HA-SB-09-3.0-011124-01 | 95 | 122 |
| 570-167861-38 | HA-SB-09-4.0-011124-01 | 61 | 89 |
| 570-167861-39 | LV-10-2.0-011124-01 | 44 | 53 |
| 570-167861-40 | LV-10-3.0-011124-01 | 55 | 71 |
| 570-167861-41 | LV-10-4.0-011124-01 | 93 | 116 |
| 570-167861-42 | LV-8-4.0-011124-01 | 82 | 109 |
| 570-167861-43 | LV-8-4.0-011124-02 | 92 | 120 |
| LCS 240-600694/2-A | Lab Control Sample | 77 | 84 |
| LCS 240-600698/2-A | Lab Control Sample | 37 | 44 |
| MB 240-600694/1-A | Method Blank | 80 | 86 |
| MB 240-600698/1-A | Method Blank | 106 | 136 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | DCB1 | TCX1 |
| Lab Sample ID | Client Sample ID | (20-122) | (20-144) |
| 570-167861-49 | EB-011124-01 | 34 | 55 |
| LCS 570-402051/2-A | Lab Control Sample | 49 | 51 |
| LCSD 570-402051/3-A | Lab Control Sample Dup | 48 | 56 |
| MB 570-402051/1-A | Method Blank | 40 | 50 |

**Surrogate Legend**

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 570-402051/1-A**
**Matrix: Water**
**Analysis Batch: 403069**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 402051**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 12:41 | 1 |
| Aroclor-1221 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 12:41 | 1 |
| Aroclor-1232 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 12:41 | 1 |
| Aroclor-1242 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 12:41 | 1 |
| Aroclor-1248 | ND | | 0.40 | 0.26 | ug/L | | 01/17/24 15:22 | 01/21/24 12:41 | 1 |
| Aroclor-1254 | ND | | 0.40 | 0.31 | ug/L | | 01/17/24 15:22 | 01/21/24 12:41 | 1 |
| Aroclor-1260 | ND | | 0.40 | 0.31 | ug/L | | 01/17/24 15:22 | 01/21/24 12:41 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr)* | *40* | | *20 - 122* | *01/17/24 15:22* | *01/21/24 12:41* | *1* |
| *Tetrachloro-m-xylene (Surr)* | *50* | | *20 - 144* | *01/17/24 15:22* | *01/21/24 12:41* | *1* |

**Lab Sample ID: LCS 570-402051/2-A**
**Matrix: Water**
**Analysis Batch: 403069**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 402051**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 0.800 | 0.5982 | | ug/L | | 75 | 20 - 165 | | |
| Aroclor-1260 | | | 0.800 | 0.8213 | | ug/L | | 103 | 42 - 148 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr)* | *49* | | *20 - 122* |
| *Tetrachloro-m-xylene (Surr)* | *51* | | *20 - 144* |

**Lab Sample ID: LCSD 570-402051/3-A**
**Matrix: Water**
**Analysis Batch: 403069**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 402051**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 0.800 | 0.6775 | | ug/L | | 85 | 20 - 165 | 12 | 30 |
| Aroclor-1260 | | | 0.800 | 0.8940 | | ug/L | | 112 | 42 - 148 | 8 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr)* | *48* | | *20 - 122* |
| *Tetrachloro-m-xylene (Surr)* | *56* | | *20 - 144* |

**Lab Sample ID: MB 240-600694/1-A**
**Matrix: Solid**
**Analysis Batch: 600847**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 600694**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | 22 | ug/Kg | | 01/19/24 08:31 | 01/22/24 15:59 | 1 |
| Aroclor-1221 | ND | | 50 | 24 | ug/Kg | | 01/19/24 08:31 | 01/22/24 15:59 | 1 |
| Aroclor-1232 | ND | | 50 | 23 | ug/Kg | | 01/19/24 08:31 | 01/22/24 15:59 | 1 |
| Aroclor-1242 | ND | | 50 | 19 | ug/Kg | | 01/19/24 08:31 | 01/22/24 15:59 | 1 |
| Aroclor-1248 | ND | | 50 | 24 | ug/Kg | | 01/19/24 08:31 | 01/22/24 15:59 | 1 |
| Aroclor-1254 | ND | | 50 | 23 | ug/Kg | | 01/19/24 08:31 | 01/22/24 15:59 | 1 |
| Aroclor-1260 | ND | | 50 | 22 | ug/Kg | | 01/19/24 08:31 | 01/22/24 15:59 | 1 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 80 | | 10 - 149 | 01/19/24 08:31 | 01/22/24 15:59 | 1 |
| DCB Decachlorobiphenyl | 86 | | 10 - 174 | 01/19/24 08:31 | 01/22/24 15:59 | 1 |

**Lab Sample ID: LCS 240-600694/2-A**
**Matrix: Solid**
**Analysis Batch: 600847**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 600694**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 1000 | 728.7 | | ug/Kg | | 73 | 28 - 140 | | |
| Aroclor-1260 | | | 1000 | 718.7 | | ug/Kg | | 72 | 39 - 153 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 77 | | 10 - 149 |
| DCB Decachlorobiphenyl | 84 | | 10 - 174 |

**Lab Sample ID: 570-167861-9 MS**
**Matrix: Solid**
**Analysis Batch: 600847**

**Client Sample ID: B-5-5.0-011124-01**
**Prep Type: Total/NA**
**Prep Batch: 600694**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 8930 | 6194 | | ug/Kg | ☼ | 69 | 10 - 146 | | |
| Aroclor-1260 | ND | | 8930 | 6219 | | ug/Kg | ☼ | 70 | 10 - 158 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 71 | | 10 - 149 |
| DCB Decachlorobiphenyl | 75 | | 10 - 174 |

**Lab Sample ID: 570-167861-9 MSD**
**Matrix: Solid**
**Analysis Batch: 600847**

**Client Sample ID: B-5-5.0-011124-01**
**Prep Type: Total/NA**
**Prep Batch: 600694**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 11300 | 8937 | | ug/Kg | ☼ | 79 | 10 - 146 | 36 | 40 |
| Aroclor-1260 | ND | | 11300 | 8806 | | ug/Kg | ☼ | 78 | 10 - 158 | 34 | 40 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 87 | | 10 - 149 |
| DCB Decachlorobiphenyl | 86 | | 10 - 174 |

**Lab Sample ID: MB 240-600698/1-A**
**Matrix: Solid**
**Analysis Batch: 600831**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 600698**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | 22 | ug/Kg | | 01/19/24 08:43 | 01/22/24 13:35 | 1 |
| Aroclor-1221 | ND | | 50 | 24 | ug/Kg | | 01/19/24 08:43 | 01/22/24 13:35 | 1 |
| Aroclor-1232 | ND | | 50 | 23 | ug/Kg | | 01/19/24 08:43 | 01/22/24 13:35 | 1 |
| Aroclor-1242 | ND | | 50 | 19 | ug/Kg | | 01/19/24 08:43 | 01/22/24 13:35 | 1 |
| Aroclor-1248 | ND | | 50 | 24 | ug/Kg | | 01/19/24 08:43 | 01/22/24 13:35 | 1 |
| Aroclor-1254 | ND | | 50 | 23 | ug/Kg | | 01/19/24 08:43 | 01/22/24 13:35 | 1 |
| Aroclor-1260 | ND | | 50 | 22 | ug/Kg | | 01/19/24 08:43 | 01/22/24 13:35 | 1 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 106 | | 10 - 149 | 01/19/24 08:43 | 01/22/24 13:35 | 1 |
| DCB Decachlorobiphenyl | 136 | | 10 - 174 | 01/19/24 08:43 | 01/22/24 13:35 | 1 |

**Lab Sample ID: LCS 240-600698/2-A**
**Client Sample ID: Lab Control Sample**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600831**
**Prep Batch: 600698**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 1000 | 393.9 | | ug/Kg | | 39 | 28 - 140 | | |
| Aroclor-1260 | | | 1000 | 408.3 | | ug/Kg | | 41 | 39 - 153 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 37 | | 10 - 149 |
| DCB Decachlorobiphenyl | 44 | | 10 - 174 |

**Lab Sample ID: 570-167861-30 MS**
**Client Sample ID: HA-SB-10-3.0-011124-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600831**
**Prep Batch: 600698**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 11800 | 5877 | | ug/Kg | ☼ | 50 | 10 - 146 | | |
| Aroclor-1260 | ND | | 11800 | 6611 | | ug/Kg | ☼ | 56 | 10 - 158 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 47 | | 10 - 149 |
| DCB Decachlorobiphenyl | 64 | | 10 - 174 |

**Lab Sample ID: 570-167861-30 MSD**
**Client Sample ID: HA-SB-10-3.0-011124-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600831**
**Prep Batch: 600698**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 11500 | 5268 | | ug/Kg | ☼ | 46 | 10 - 146 | 11 | 40 |
| Aroclor-1260 | ND | | 11500 | 5835 | | ug/Kg | ☼ | 51 | 10 - 158 | 12 | 40 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 42 | | 10 - 149 |
| DCB Decachlorobiphenyl | 55 | | 10 - 174 |

**Lab Sample ID: 570-167861-33 MS**
**Client Sample ID: HA-SB-09-0.5-011124-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600831**
**Prep Batch: 600698**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | F2 | 11300 | 9902 | | ug/Kg | ☼ | 87 | 10 - 146 | | |
| Aroclor-1260 | ND | F2 | 11300 | 11800 | | ug/Kg | ☼ | 104 | 10 - 158 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 88 | | 10 - 149 |
| DCB Decachlorobiphenyl | 114 | | 10 - 174 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-167861-33 MSD**
**Client Sample ID: HA-SB-09-0.5-011124-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600831**
**Prep Batch: 600698**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | F2 | 11400 | 4669 | F2 | ug/Kg | ☼ | 41 | 10 - 146 | 72 | 40 |
| Aroclor-1260 | ND | F2 | 11400 | 4831 | F2 | ug/Kg | ☼ | 42 | 10 - 158 | 84 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *43* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *47* | | *10 - 174* |

**Lab Sample ID: MB 240-600706/1-A**
**Client Sample ID: Method Blank**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600793**
**Prep Batch: 600706**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 50 | 22 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1221 | ND | | 50 | 24 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1232 | ND | | 50 | 23 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1242 | ND | | 50 | 19 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1248 | ND | | 50 | 24 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1254 | ND | | 50 | 23 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |
| Aroclor-1260 | ND | | 50 | 22 | ug/Kg | | 01/19/24 09:05 | 01/22/24 10:36 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *77* | | *10 - 149* | *01/19/24 09:05* | *01/22/24 10:36* | *1* |
| *DCB Decachlorobiphenyl* | *86* | | *10 - 174* | *01/19/24 09:05* | *01/22/24 10:36* | *1* |

**Lab Sample ID: LCS 240-600706/2-A**
**Client Sample ID: Lab Control Sample**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600793**
**Prep Batch: 600706**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 1000 | 784.5 | | ug/Kg | | 78 | 28 - 140 | | |
| Aroclor-1260 | | | 1000 | 861.4 | | ug/Kg | | 86 | 39 - 153 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *68* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *87* | | *10 - 174* |

**Lab Sample ID: 570-167861-3 MS**
**Client Sample ID: HA-SB-01-1.0-011124-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600793**
**Prep Batch: 600706**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 8060 | 5563 | | ug/Kg | ☼ | 69 | 10 - 146 | | |
| Aroclor-1260 | ND | | 8060 | 5625 | | ug/Kg | ☼ | 70 | 10 - 158 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *60* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *71* | | *10 - 174* |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 570-167861-3 MSD**
**Client Sample ID: HA-SB-01-1.0-011124-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 600793**
**Prep Batch: 600706**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 9690 | 8009 | | ug/Kg | ☼ | 83 | 10 - 146 | 36 | 40 |
| Aroclor-1260 | ND | | 9690 | 7924 | | ug/Kg | ☼ | 82 | 10 - 158 | 34 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *70* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *81* | | *10 - 174* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-401400/1-A ^2**
**Client Sample ID: Method Blank**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 402024**
**Prep Batch: 401400**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 1.92 | 1.27 | mg/Kg | | 01/16/24 09:51 | 01/17/24 12:41 | 2 |

**Lab Sample ID: LCS 570-401400/2-A ^2**
**Client Sample ID: Lab Control Sample**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 402024**
**Prep Batch: 401400**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Lead | 46.3 | 47.37 | | mg/Kg | | 102 | 80 - 120 |

**Lab Sample ID: LCSD 570-401400/3-A ^2**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 402024**
**Prep Batch: 401400**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 47.2 | 47.32 | | mg/Kg | | 100 | 80 - 120 | 0 | 20 |

**Lab Sample ID: 570-167861-3 MS**
**Client Sample ID: HA-SB-01-1.0-011124-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 402024**
**Prep Batch: 401400**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 9.33 | | 47.2 | 55.08 | | mg/Kg | | 97 | 75 - 125 |

**Lab Sample ID: 570-167861-3 MSD**
**Client Sample ID: HA-SB-01-1.0-011124-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 402024**
**Prep Batch: 401400**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 9.33 | | 51.0 | 58.02 | | mg/Kg | | 95 | 75 - 125 | 5 | 20 |

## Method: 2540G - Percent Moisture

**Lab Sample ID: MB 570-401534/1**
**Matrix: Solid**
**Analysis Batch: 401534**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | ND | | 0.100 | 0.100 | % | | | 01/16/24 13:18 | 1 |

**Lab Sample ID: 570-167861-1 DU**
**Matrix: Solid**
**Analysis Batch: 401534**

**Client Sample ID: HA-SB-01-3.0-011124-01**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 19.9 | | 19.5 | | % | | 2 | 10 |

**Lab Sample ID: 570-167861-11 DU**
**Matrix: Solid**
**Analysis Batch: 401534**

**Client Sample ID: HA-SB-03-1.0-011124-01**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 16.4 | | 17.2 | | % | | 5 | 10 |

**Lab Sample ID: MB 570-401627/1**
**Matrix: Solid**
**Analysis Batch: 401627**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | ND | | 0.100 | 0.100 | % | | | 01/16/24 15:22 | 1 |

**Lab Sample ID: 570-167861-19 DU**
**Matrix: Solid**
**Analysis Batch: 401627**

**Client Sample ID: HA-SB-05-4.0-011124-01**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 12.5 | | 11.5 | | % | | 9 | 10 |

**Lab Sample ID: 570-167861-29 DU**
**Matrix: Solid**
**Analysis Batch: 401627**

**Client Sample ID: HA-SB-10-2.0-011124-02**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 2.17 | | 2.01 | | % | | 8 | 10 |

**Lab Sample ID: MB 570-401648/1**
**Matrix: Solid**
**Analysis Batch: 401648**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | ND | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Lab Sample ID: 570-167861-37 DU**
**Matrix: Solid**
**Analysis Batch: 401648**

**Client Sample ID: HA-SB-09-3.0-011124-01**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 36.1 | | 33.9 | | % | | 6 | 10 |

## Method: 7196A - Chromium, Hexavalent

**Lab Sample ID: MB 570-401582/1-A**
**Matrix: Solid**
**Analysis Batch: 402555**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 401582**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 0.800 | 0.289 | mg/Kg | | 01/16/24 14:15 | 01/18/24 21:58 | 1 |

**Lab Sample ID: LCS 570-401582/2-A**
**Matrix: Solid**
**Analysis Batch: 402555**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 401582**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 20.0 | 17.87 | | mg/Kg | | 89 | 78 - 120 | | |

**Lab Sample ID: LCSD 570-401582/3-A**
**Matrix: Solid**
**Analysis Batch: 402555**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 401582**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | | | 20.0 | 17.43 | | mg/Kg | | 87 | 78 - 120 | 3 | 20 |

**Lab Sample ID: 550-212704-I-7-A MS**
**Matrix: Solid**
**Analysis Batch: 402555**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 401582**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 20.0 | 18.73 | | mg/Kg | | 94 | 75 - 125 | | |

**Lab Sample ID: 550-212704-I-7-B MSD**
**Matrix: Solid**
**Analysis Batch: 402555**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 401582**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 19.9 | 18.22 | | mg/Kg | | 92 | 75 - 125 | 3 | 25 |

**Lab Sample ID: 550-212704-I-7-C MSI**
**Matrix: Solid**
**Analysis Batch: 402555**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 401582**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSI Result | MSI Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 972 | 882.7 | | mg/Kg | | 91 | 75 - 125 | | |

## Method: 9045D - pH

**Lab Sample ID: 570-167861-3 DU**
**Matrix: Solid**
**Analysis Batch: 401301**

**Client Sample ID: HA-SB-01-1.0-011124-01**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | 8.9 | H | | 8.9 | | S.U. | | | | 0.5 | 25 |
| Temperature | 20.1 | H | | 20.0 | | Deg. C | | | | 0.5 | 25 |

## Method: 9045D - pH (Continued)

**Lab Sample ID: 570-167861-33 DU**
**Client Sample ID: HA-SB-09-0.5-011124-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 401301**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | 8.2 | H | | 8.3 | | S.U. | | | | 0.2 | 25 |
| Temperature | 19.9 | H | | 20.0 | | Deg. C | | | | 0.5 | 25 |

## GC Semi VOA

### Prep Batch: 402051

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-49 | EB-011124-01 | Total/NA | Water | 3510C | |
| MB 570-402051/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 570-402051/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 570-402051/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |

### Analysis Batch: 403069

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-49 | EB-011124-01 | Total/NA | Water | 8082A | 402051 |
| MB 570-402051/1-A | Method Blank | Total/NA | Water | 8082A | 402051 |
| LCS 570-402051/2-A | Lab Control Sample | Total/NA | Water | 8082A | 402051 |
| LCSD 570-402051/3-A | Lab Control Sample Dup | Total/NA | Water | 8082A | 402051 |

### Prep Batch: 600694

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-6 | HA-SB-08-1.0-011124-02 | Total/NA | Solid | 3540C | |
| 570-167861-7 | B-5-7.0--011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-8 | B-5-7.0--011124-02 | Total/NA | Solid | 3540C | |
| 570-167861-9 | B-5-5.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-10 | B-5-6.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-11 | HA-SB-03-1.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-12 | HA-SB-03-2.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-13 | HA-SB-03-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-14 | HA-SB-03-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-15 | SB-11-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-16 | SB-11-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-17 | HA-SB-05-1.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-18 | HA-SB-05-2.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-19 | HA-SB-05-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-20 | HA-SB-05-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-21 | HA-SB-05-3.0-011124-02 | Total/NA | Solid | 3540C | |
| 570-167861-22 | SB-16-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-23 | SB-16-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-24 | SB-14-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-25 | SB-14-3.0-011124-02 | Total/NA | Solid | 3540C | |
| MB 240-600694/1-A | Method Blank | Total/NA | Solid | 3540C | |
| LCS 240-600694/2-A | Lab Control Sample | Total/NA | Solid | 3540C | |
| 570-167861-9 MS | B-5-5.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-9 MSD | B-5-5.0-011124-01 | Total/NA | Solid | 3540C | |

### Prep Batch: 600698

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-26 | SB-14-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-27 | HA-SB-10-1.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-28 | HA-SB-10-2.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-29 | HA-SB-10-2.0-011124-02 | Total/NA | Solid | 3540C | |
| 570-167861-30 | HA-SB-10-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-31 | HA-SB-10-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-32 | HA-SB-10-4.0-011124-02 | Total/NA | Solid | 3540C | |
| 570-167861-33 | HA-SB-09-0.5-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-34 | HA-SB-09-1.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-35 | HA-SB-09-1.0-011124-02 | Total/NA | Solid | 3540C | |

## GC Semi VOA (Continued)

### Prep Batch: 600698 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-36 | HA-SB-09-2.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-37 | HA-SB-09-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-38 | HA-SB-09-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-39 | LV-10-2.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-40 | LV-10-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-41 | LV-10-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-42 | LV-8-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-43 | LV-8-4.0-011124-02 | Total/NA | Solid | 3540C | |
| MB 240-600698/1-A | Method Blank | Total/NA | Solid | 3540C | |
| LCS 240-600698/2-A | Lab Control Sample | Total/NA | Solid | 3540C | |
| 570-167861-30 MS | HA-SB-10-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-30 MSD | HA-SB-10-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-33 MS | HA-SB-09-0.5-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-33 MSD | HA-SB-09-0.5-011124-01 | Total/NA | Solid | 3540C | |

### Prep Batch: 600706

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-1 | HA-SB-01-3.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-2 | HA-SB-01-2.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-4 | HA-SB-01-4.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-5 | HA-SB-08-1.0-011124-01 | Total/NA | Solid | 3540C | |
| MB 240-600706/1-A | Method Blank | Total/NA | Solid | 3540C | |
| LCS 240-600706/2-A | Lab Control Sample | Total/NA | Solid | 3540C | |
| 570-167861-3 MS | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 3540C | |
| 570-167861-3 MSD | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 3540C | |

### Analysis Batch: 600793

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-1 | HA-SB-01-3.0-011124-01 | Total/NA | Solid | 8082A | 600706 |
| 570-167861-2 | HA-SB-01-2.0-011124-01 | Total/NA | Solid | 8082A | 600706 |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 8082A | 600706 |
| 570-167861-4 | HA-SB-01-4.0-011124-01 | Total/NA | Solid | 8082A | 600706 |
| MB 240-600706/1-A | Method Blank | Total/NA | Solid | 8082A | 600706 |
| LCS 240-600706/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 600706 |
| 570-167861-3 MS | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 8082A | 600706 |
| 570-167861-3 MSD | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 8082A | 600706 |

### Analysis Batch: 600831

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-26 | SB-14-4.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-27 | HA-SB-10-1.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-28 | HA-SB-10-2.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-29 | HA-SB-10-2.0-011124-02 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-30 | HA-SB-10-3.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-31 | HA-SB-10-4.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-33 | HA-SB-09-0.5-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-34 | HA-SB-09-1.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-36 | HA-SB-09-2.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-37 | HA-SB-09-3.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-38 | HA-SB-09-4.0-011124-01 | Total/NA | Solid | 8082A | 600698 |

## GC Semi VOA (Continued)

### Analysis Batch: 600831 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-39 | LV-10-2.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-40 | LV-10-3.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-41 | LV-10-4.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| MB 240-600698/1-A | Method Blank | Total/NA | Solid | 8082A | 600698 |
| LCS 240-600698/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 600698 |
| 570-167861-30 MS | HA-SB-10-3.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-30 MSD | HA-SB-10-3.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-33 MS | HA-SB-09-0.5-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-33 MSD | HA-SB-09-0.5-011124-01 | Total/NA | Solid | 8082A | 600698 |

### Analysis Batch: 600847

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-7 | B-5-7.0--011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-8 | B-5-7.0--011124-02 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-9 | B-5-5.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-10 | B-5-6.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-11 | HA-SB-03-1.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-12 | HA-SB-03-2.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| MB 240-600694/1-A | Method Blank | Total/NA | Solid | 8082A | 600694 |
| LCS 240-600694/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 600694 |
| 570-167861-9 MS | B-5-5.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-9 MSD | B-5-5.0-011124-01 | Total/NA | Solid | 8082A | 600694 |

### Analysis Batch: 600848

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-13 | HA-SB-03-4.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-14 | HA-SB-03-3.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-15 | SB-11-3.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-16 | SB-11-4.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-17 | HA-SB-05-1.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-18 | HA-SB-05-2.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-19 | HA-SB-05-4.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-21 | HA-SB-05-3.0-011124-02 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-22 | SB-16-3.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-23 | SB-16-4.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-24 | SB-14-3.0-011124-01 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-25 | SB-14-3.0-011124-02 | Total/NA | Solid | 8082A | 600694 |

### Analysis Batch: 600980

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-32 | HA-SB-10-4.0-011124-02 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-35 | HA-SB-09-1.0-011124-02 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-42 | LV-8-4.0-011124-01 | Total/NA | Solid | 8082A | 600698 |
| 570-167861-43 | LV-8-4.0-011124-02 | Total/NA | Solid | 8082A | 600698 |

### Analysis Batch: 601069

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-5 | HA-SB-08-1.0-011124-01 | Total/NA | Solid | 8082A | 600706 |

## GC Semi VOA

### Analysis Batch: 601123

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-6 | HA-SB-08-1.0-011124-02 | Total/NA | Solid | 8082A | 600694 |
| 570-167861-20 | HA-SB-05-3.0-011124-01 | Total/NA | Solid | 8082A | 600694 |

## Metals

### Prep Batch: 401400

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-2 | HA-SB-01-2.0-011124-01 | Total/NA | Solid | 3051A | |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 3051A | |
| 570-167861-44 | LV-15-02-E-1.0-011124-01 | Total/NA | Solid | 3051A | |
| 570-167861-45 | LV-15-02-E-5.0-011124-01 | Total/NA | Solid | 3051A | |
| 570-167861-46 | LV-15-02-E-7.5-011124-01 | Total/NA | Solid | 3051A | |
| 570-167861-47 | LV-15-03-S-5.0-011124-01 | Total/NA | Solid | 3051A | |
| 570-167861-48 | LV-15-03-S-7.5-011124-01 | Total/NA | Solid | 3051A | |
| MB 570-401400/1-A ^2 | Method Blank | Total/NA | Solid | 3051A | |
| LCS 570-401400/2-A ^2 | Lab Control Sample | Total/NA | Solid | 3051A | |
| LCSD 570-401400/3-A ^2 | Lab Control Sample Dup | Total/NA | Solid | 3051A | |
| 570-167861-3 MS | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 3051A | |
| 570-167861-3 MSD | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 3051A | |

### Analysis Batch: 402024

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-2 | HA-SB-01-2.0-011124-01 | Total/NA | Solid | 6010B | 401400 |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 6010B | 401400 |
| MB 570-401400/1-A ^2 | Method Blank | Total/NA | Solid | 6010B | 401400 |
| LCS 570-401400/2-A ^2 | Lab Control Sample | Total/NA | Solid | 6010B | 401400 |
| LCSD 570-401400/3-A ^2 | Lab Control Sample Dup | Total/NA | Solid | 6010B | 401400 |
| 570-167861-3 MS | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 6010B | 401400 |
| 570-167861-3 MSD | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 6010B | 401400 |

### Analysis Batch: 402140

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-44 | LV-15-02-E-1.0-011124-01 | Total/NA | Solid | 6010B | 401400 |
| 570-167861-45 | LV-15-02-E-5.0-011124-01 | Total/NA | Solid | 6010B | 401400 |
| 570-167861-46 | LV-15-02-E-7.5-011124-01 | Total/NA | Solid | 6010B | 401400 |
| 570-167861-47 | LV-15-03-S-5.0-011124-01 | Total/NA | Solid | 6010B | 401400 |
| 570-167861-48 | LV-15-03-S-7.5-011124-01 | Total/NA | Solid | 6010B | 401400 |

## General Chemistry

### Leach Batch: 401299

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-1 | HA-SB-01-3.0-011124-01 | Total/NA | Solid | DI Leach | |
| 570-167861-2 | HA-SB-01-2.0-011124-01 | Total/NA | Solid | DI Leach | |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | Total/NA | Solid | DI Leach | |
| 570-167861-4 | HA-SB-01-4.0-011124-01 | Total/NA | Solid | DI Leach | |
| 570-167861-7 | B-5-7.0--011124-01 | Total/NA | Solid | DI Leach | |
| 570-167861-20 | HA-SB-05-3.0-011124-01 | Total/NA | Solid | DI Leach | |
| 570-167861-33 | HA-SB-09-0.5-011124-01 | Total/NA | Solid | DI Leach | |
| 570-167861-36 | HA-SB-09-2.0-011124-01 | Total/NA | Solid | DI Leach | |
| 570-167861-38 | HA-SB-09-4.0-011124-01 | Total/NA | Solid | DI Leach | |
| 570-167861-3 DU | HA-SB-01-1.0-011124-01 | Total/NA | Solid | DI Leach | |

## General Chemistry (Continued)

### Leach Batch: 401299 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-33 DU | HA-SB-09-0.5-011124-01 | Total/NA | Solid | DI Leach | |

### Analysis Batch: 401301

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-1 | HA-SB-01-3.0-011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-2 | HA-SB-01-2.0-011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-4 | HA-SB-01-4.0-011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-7 | B-5-7.0--011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-20 | HA-SB-05-3.0-011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-33 | HA-SB-09-0.5-011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-36 | HA-SB-09-2.0-011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-38 | HA-SB-09-4.0-011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-3 DU | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 9045D | 401299 |
| 570-167861-33 DU | HA-SB-09-0.5-011124-01 | Total/NA | Solid | 9045D | 401299 |

### Analysis Batch: 401534

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-1 | HA-SB-01-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-2 | HA-SB-01-2.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-4 | HA-SB-01-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-5 | HA-SB-08-1.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-6 | HA-SB-08-1.0-011124-02 | Total/NA | Solid | 2540G | |
| 570-167861-7 | B-5-7.0--011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-8 | B-5-7.0--011124-02 | Total/NA | Solid | 2540G | |
| 570-167861-9 | B-5-5.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-10 | B-5-6.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-11 | HA-SB-03-1.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-12 | HA-SB-03-2.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-13 | HA-SB-03-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-14 | HA-SB-03-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-15 | SB-11-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-16 | SB-11-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-17 | HA-SB-05-1.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-18 | HA-SB-05-2.0-011124-01 | Total/NA | Solid | 2540G | |
| MB 570-401534/1 | Method Blank | Total/NA | Solid | 2540G | |
| 570-167861-1 DU | HA-SB-01-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-11 DU | HA-SB-03-1.0-011124-01 | Total/NA | Solid | 2540G | |

### Prep Batch: 401582

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-44 | LV-15-02-E-1.0-011124-01 | Total/NA | Solid | 3060A | |
| MB 570-401582/1-A | Method Blank | Total/NA | Solid | 3060A | |
| LCS 570-401582/2-A | Lab Control Sample | Total/NA | Solid | 3060A | |
| LCSD 570-401582/3-A | Lab Control Sample Dup | Total/NA | Solid | 3060A | |
| 550-212704-I-7-A MS | Matrix Spike | Total/NA | Solid | 3060A | |
| 550-212704-I-7-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 3060A | |
| 550-212704-I-7-C MSI | Matrix Spike | Total/NA | Solid | 3060A | |

## General Chemistry

### Analysis Batch: 401627

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-19 | HA-SB-05-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-20 | HA-SB-05-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-21 | HA-SB-05-3.0-011124-02 | Total/NA | Solid | 2540G | |
| 570-167861-22 | SB-16-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-23 | SB-16-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-24 | SB-14-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-25 | SB-14-3.0-011124-02 | Total/NA | Solid | 2540G | |
| 570-167861-26 | SB-14-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-27 | HA-SB-10-1.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-28 | HA-SB-10-2.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-29 | HA-SB-10-2.0-011124-02 | Total/NA | Solid | 2540G | |
| 570-167861-30 | HA-SB-10-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-31 | HA-SB-10-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-32 | HA-SB-10-4.0-011124-02 | Total/NA | Solid | 2540G | |
| 570-167861-33 | HA-SB-09-0.5-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-34 | HA-SB-09-1.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-35 | HA-SB-09-1.0-011124-02 | Total/NA | Solid | 2540G | |
| 570-167861-36 | HA-SB-09-2.0-011124-01 | Total/NA | Solid | 2540G | |
| MB 570-401627/1 | Method Blank | Total/NA | Solid | 2540G | |
| 570-167861-19 DU | HA-SB-05-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-29 DU | HA-SB-10-2.0-011124-02 | Total/NA | Solid | 2540G | |

### Analysis Batch: 401648

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-37 | HA-SB-09-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-38 | HA-SB-09-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-39 | LV-10-2.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-40 | LV-10-3.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-41 | LV-10-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-42 | LV-8-4.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-43 | LV-8-4.0-011124-02 | Total/NA | Solid | 2540G | |
| 570-167861-44 | LV-15-02-E-1.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-45 | LV-15-02-E-5.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-46 | LV-15-02-E-7.5-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-47 | LV-15-03-S-5.0-011124-01 | Total/NA | Solid | 2540G | |
| 570-167861-48 | LV-15-03-S-7.5-011124-01 | Total/NA | Solid | 2540G | |
| MB 570-401648/1 | Method Blank | Total/NA | Solid | 2540G | |
| 570-167861-37 DU | HA-SB-09-3.0-011124-01 | Total/NA | Solid | 2540G | |

### Analysis Batch: 402555

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-167861-44 | LV-15-02-E-1.0-011124-01 | Total/NA | Solid | 7196A | 401582 |
| MB 570-401582/1-A | Method Blank | Total/NA | Solid | 7196A | 401582 |
| LCS 570-401582/2-A | Lab Control Sample | Total/NA | Solid | 7196A | 401582 |
| LCSD 570-401582/3-A | Lab Control Sample Dup | Total/NA | Solid | 7196A | 401582 |
| 550-212704-I-7-A MS | Matrix Spike | Total/NA | Solid | 7196A | 401582 |
| 550-212704-I-7-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 7196A | 401582 |
| 550-212704-I-7-C MSI | Matrix Spike | Total/NA | Solid | 7196A | 401582 |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-01-3.0-011124-01
**Lab Sample ID: 570-167861-1**
**Date Collected: 01/11/24 08:50**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.38 g | 10 mL | 600706 | 01/19/24 09:05 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600793 | 01/22/24 12:10 | LSH | EET CLE |
| | Instrument ID: A2HP1 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Leach | DI Leach | | | 20.04 g | 20 mL | 401299 | 01/15/24 20:30 | JXO4 | EET CAL 4 |
| Total/NA | Analysis | 9045D | | 1 | 20 mL | 20 mL | 401301 | 01/16/24 00:32 | JXO4 | EET CAL 4 |
| | Instrument ID: NOEQUIP | | | | | | | | | |

## Client Sample ID: HA-SB-01-2.0-011124-01
**Lab Sample ID: 570-167861-2**
**Date Collected: 01/11/24 08:47**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.35 g | 10 mL | 600706 | 01/19/24 09:05 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600793 | 01/22/24 12:21 | LSH | EET CLE |
| | Instrument ID: A2HP1 | | | | | | | | | |
| Total/NA | Prep | 3051A | | | 0.52 g | 50 mL | 401400 | 01/16/24 09:51 | GYR8 | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402024 | 01/17/24 13:04 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Leach | DI Leach | | | 20.03 g | 20 mL | 401299 | 01/15/24 20:30 | JXO4 | EET CAL 4 |
| Total/NA | Analysis | 9045D | | 1 | 20 mL | 20 mL | 401301 | 01/16/24 00:32 | JXO4 | EET CAL 4 |
| | Instrument ID: NOEQUIP | | | | | | | | | |

## Client Sample ID: HA-SB-01-1.0-011124-01
**Lab Sample ID: 570-167861-3**
**Date Collected: 01/11/24 08:45**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.40 g | 10 mL | 600706 | 01/19/24 09:05 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600793 | 01/22/24 11:17 | LSH | EET CLE |
| | Instrument ID: A2HP1 | | | | | | | | | |
| Total/NA | Prep | 3051A | | | 0.52 g | 50 mL | 401400 | 01/16/24 09:51 | GYR8 | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402024 | 01/17/24 12:54 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Leach | DI Leach | | | 20.04 g | 20 mL | 401299 | 01/15/24 20:30 | JXO4 | EET CAL 4 |
| Total/NA | Analysis | 9045D | | 1 | 20 mL | 20 mL | 401301 | 01/16/24 00:32 | JXO4 | EET CAL 4 |
| | Instrument ID: NOEQUIP | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc. Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-01-4.0-011124-01 — Lab Sample ID: 570-167861-4

**Date Collected: 01/11/24 08:52** — **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.24 g | 10 mL | 600706 | 01/19/24 09:05 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600793 | 01/22/24 12:33 | LSH | EET CLE |
| | Instrument ID: A2HP1 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Leach | DI Leach | | | 20.04 g | 20 mL | 401299 | 01/15/24 20:30 | JXO4 | EET CAL 4 |
| Total/NA | Analysis | 9045D | | 1 | 20 mL | 20 mL | 401301 | 01/16/24 00:32 | JXO4 | EET CAL 4 |
| | Instrument ID: NOEQUIP | | | | | | | | | |

## Client Sample ID: HA-SB-08-1.0-011124-01 — Lab Sample ID: 570-167861-5

**Date Collected: 01/11/24 09:30** — **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.34 g | 10 mL | 600706 | 01/19/24 09:05 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 2 | 1 mL | 1 mL | 601069 | 01/24/24 08:35 | LSH | EET CLE |
| | Instrument ID: A2HP1 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-08-1.0-011124-02 — Lab Sample ID: 570-167861-6

**Date Collected: 01/11/24 09:30** — **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.21 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 5 | 1 mL | 1 mL | 601123 | 01/24/24 15:30 | RR | EET CLE |
| | Instrument ID: A2HP12 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: B-5-7.0--011124-01 — Lab Sample ID: 570-167861-7

**Date Collected: 01/11/24 11:24** — **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.09 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600847 | 01/22/24 17:01 | RR | EET CLE |
| | Instrument ID: A2HP12 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Leach | DI Leach | | | 20.03 g | 20 mL | 401299 | 01/15/24 20:30 | JXO4 | EET CAL 4 |
| Total/NA | Analysis | 9045D | | 1 | 20 mL | 20 mL | 401301 | 01/16/24 00:32 | JXO4 | EET CAL 4 |
| | Instrument ID: NOEQUIP | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: B-5-7.0--011124-02
**Lab Sample ID: 570-167861-8**
**Date Collected: 01/11/24 11:24**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.12 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600847 | 01/22/24 18:04 | RR | EET CLE |
| | Instrument ID: A2HP12 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: B-5-5.0-011124-01
**Lab Sample ID: 570-167861-9**
**Date Collected: 01/11/24 11:20**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.26 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600847 | 01/22/24 18:19 | RR | EET CLE |
| | Instrument ID: A2HP12 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: B-5-6.0-011124-01
**Lab Sample ID: 570-167861-10**
**Date Collected: 01/11/24 11:22**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.49 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600847 | 01/22/24 19:06 | RR | EET CLE |
| | Instrument ID: A2HP12 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-03-1.0-011124-01
**Lab Sample ID: 570-167861-11**
**Date Collected: 01/11/24 13:20**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.43 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600847 | 01/22/24 19:22 | RR | EET CLE |
| | Instrument ID: A2HP12 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-03-2.0-011124-01
**Lab Sample ID: 570-167861-12**
**Date Collected: 01/11/24 13:22**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.31 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600847 | 01/22/24 19:37 | RR | EET CLE |
| | Instrument ID: A2HP12 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-03-4.0-011124-01
**Lab Sample ID: 570-167861-13**
**Date Collected: 01/11/24 13:26**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.24 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 15:54 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-03-3.0-011124-01
**Lab Sample ID: 570-167861-14**
**Date Collected: 01/11/24 13:24**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.11 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 16:09 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: SB-11-3.0-011124-01
**Lab Sample ID: 570-167861-15**
**Date Collected: 01/11/24 12:52**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.43 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 16:25 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: SB-11-4.0-011124-01
**Lab Sample ID: 570-167861-16**
**Date Collected: 01/11/24 12:50**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.19 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 16:40 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-05-1.0-011124-01
**Lab Sample ID: 570-167861-17**
**Date Collected: 01/11/24 12:30**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.43 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 16:56 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-05-2.0-011124-01
**Lab Sample ID: 570-167861-18**
**Date Collected: 01/11/24 12:33**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.33 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 17:11 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401534 | 01/16/24 13:18 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-05-4.0-011124-01
**Lab Sample ID: 570-167861-19**
**Date Collected: 01/11/24 12:37**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.13 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 17:27 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-05-3.0-011124-01
**Lab Sample ID: 570-167861-20**
**Date Collected: 01/11/24 12:35**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.22 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 601123 | 01/24/24 15:02 | RR | EET CLE |
| | Instrument ID: A2HP12 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Leach | DI Leach | | | 20.02 g | 20 mL | 401299 | 01/15/24 20:30 | JXO4 | EET CAL 4 |
| Total/NA | Analysis | 9045D | | 1 | 20 mL | 20 mL | 401301 | 01/16/24 00:32 | JXO4 | EET CAL 4 |
| | Instrument ID: NOEQUIP | | | | | | | | | |

## Client Sample ID: HA-SB-05-3.0-011124-02
**Lab Sample ID: 570-167861-21**
**Date Collected: 01/11/24 12:35**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.21 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 18:13 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: SB-16-3.0-011124-01
**Lab Sample ID: 570-167861-22**
**Date Collected: 01/11/24 12:20**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.13 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 18:29 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: SB-16-4.0-011124-01
**Lab Sample ID: 570-167861-23**
**Date Collected: 01/11/24 12:22**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.42 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 18:44 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc. Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: SB-14-3.0-011124-01 Lab Sample ID: 570-167861-24
**Date Collected: 01/11/24 10:00** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.43 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 18:59 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: SB-14-3.0-011124-02 Lab Sample ID: 570-167861-25
**Date Collected: 01/11/24 10:00** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.35 g | 10 mL | 600694 | 01/19/24 08:31 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600848 | 01/22/24 19:15 | RR | EET CLE |
| | Instrument ID: A2HP13 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: SB-14-4.0-011124-01 Lab Sample ID: 570-167861-26
**Date Collected: 01/11/24 10:02** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.04 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 14:20 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-10-1.0-011124-01 Lab Sample ID: 570-167861-27
**Date Collected: 01/11/24 10:40** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.16 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 14:35 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-10-2.0-011124-01
**Lab Sample ID: 570-167861-28**
**Date Collected: 01/11/24 10:42**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.02 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 14:51 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-10-2.0-011124-02
**Lab Sample ID: 570-167861-29**
**Date Collected: 01/11/24 10:42**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.01 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 15:06 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-10-3.0-011124-01
**Lab Sample ID: 570-167861-30**
**Date Collected: 01/11/24 10:44**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.08 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 15:21 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-10-4.0-011124-01
**Lab Sample ID: 570-167861-31**
**Date Collected: 01/11/24 10:46**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.11 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 16:06 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-10-4.0-011124-02
**Lab Sample ID: 570-167861-32**
**Date Collected: 01/11/24 10:46**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.13 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600980 | 01/23/24 11:28 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-09-0.5-011124-01
**Lab Sample ID: 570-167861-33**
**Date Collected: 01/11/24 13:35**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.20 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 16:51 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Leach | DI Leach | | | 20.03 g | 20 mL | 401299 | 01/15/24 20:30 | JXO4 | EET CAL 4 |
| Total/NA | Analysis | 9045D | | 1 | 20 mL | 20 mL | 401301 | 01/16/24 00:32 | JXO4 | EET CAL 4 |
| | Instrument ID: NOEQUIP | | | | | | | | | |

## Client Sample ID: HA-SB-09-1.0-011124-01
**Lab Sample ID: 570-167861-34**
**Date Collected: 01/11/24 13:36**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.11 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 17:37 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-09-1.0-011124-02
**Lab Sample ID: 570-167861-35**
**Date Collected: 01/11/24 13:36**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.21 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600980 | 01/23/24 11:43 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: HA-SB-09-2.0-011124-01
**Lab Sample ID: 570-167861-36**
**Date Collected: 01/11/24 13:37**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.20 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 18:07 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401627 | 01/16/24 15:22 | TXA8 | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Leach | DI Leach | | | 20.05 g | 20 mL | 401299 | 01/15/24 20:30 | JXO4 | EET CAL 4 |
| Total/NA | Analysis | 9045D | | 1 | 20 mL | 20 mL | 401301 | 01/16/24 00:32 | JXO4 | EET CAL 4 |
| | Instrument ID: NOEQUIP | | | | | | | | | |

## Client Sample ID: HA-SB-09-3.0-011124-01
**Lab Sample ID: 570-167861-37**
**Date Collected: 01/11/24 13:40**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.22 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 18:23 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-09-4.0-011124-01
**Lab Sample ID: 570-167861-38**
**Date Collected: 01/11/24 13:42**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.08 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 18:38 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Leach | DI Leach | | | 20.04 g | 20 mL | 401299 | 01/15/24 20:30 | JXO4 | EET CAL 4 |
| Total/NA | Analysis | 9045D | | 1 | 20 mL | 20 mL | 401301 | 01/16/24 00:32 | JXO4 | EET CAL 4 |
| | Instrument ID: NOEQUIP | | | | | | | | | |

## Client Sample ID: LV-10-2.0-011124-01
**Lab Sample ID: 570-167861-39**
**Date Collected: 01/11/24 14:00**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.25 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 18:53 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc. Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: LV-10-3.0-011124-01 Lab Sample ID: 570-167861-40

**Date Collected: 01/11/24 14:02** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.04 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 19:08 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: LV-10-4.0-011124-01 Lab Sample ID: 570-167861-41

**Date Collected: 01/11/24 14:04** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.47 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600831 | 01/22/24 19:23 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: LV-8-4.0-011124-01 Lab Sample ID: 570-167861-42

**Date Collected: 01/11/24 14:20** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.14 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600980 | 01/23/24 11:58 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: LV-8-4.0-011124-02 Lab Sample ID: 570-167861-43

**Date Collected: 01/11/24 14:20** **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.06 g | 10 mL | 600698 | 01/19/24 08:43 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 600980 | 01/23/24 12:13 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: LV-15-02-E-1.0-011124-01 — Lab Sample ID: 570-167861-44

**Date Collected: 01/11/24 14:30** — **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.50 g | 50 mL | 401400 | 01/16/24 09:51 | GYR8 | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402140 | 01/17/24 16:34 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |
| Total/NA | Prep | 3060A | | | 2.52 g | 100 mL | 401582 | 01/16/24 14:16 | U8XP | EET CAL 4 |
| Total/NA | Analysis | 7196A | | 1 | 10 mL | 10 mL | 402555 | 01/18/24 22:27 | U8XP | EET CAL 4 |
| | Instrument ID: UV9 | | | | | | | | | |

## Client Sample ID: LV-15-02-E-5.0-011124-01 — Lab Sample ID: 570-167861-45

**Date Collected: 01/11/24 14:32** — **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.53 g | 50 mL | 401400 | 01/16/24 09:51 | GYR8 | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402140 | 01/17/24 16:36 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: LV-15-02-E-7.5-011124-01 — Lab Sample ID: 570-167861-46

**Date Collected: 01/11/24 14:34** — **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.52 g | 50 mL | 401400 | 01/16/24 09:51 | GYR8 | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402140 | 01/17/24 16:38 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: LV-15-03-S-5.0-011124-01 — Lab Sample ID: 570-167861-47

**Date Collected: 01/11/24 15:00** — **Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.48 g | 50 mL | 401400 | 01/16/24 09:51 | GYR8 | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402140 | 01/17/24 16:41 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Client Sample ID: LV-15-03-S-7.5-011124-01
**Lab Sample ID: 570-167861-48**
**Date Collected: 01/11/24 15:05**
**Matrix: Solid**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.54 g | 50 mL | 401400 | 01/16/24 09:51 | GYR8 | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402140 | 01/17/24 16:43 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: EB-011124-01
**Lab Sample ID: 570-167861-49**
**Date Collected: 01/11/24 15:30**
**Matrix: Water**
**Date Received: 01/11/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3510C | | | 250 mL | 1 mL | 402051 | 01/17/24 15:22 | TR8L | EET CAL 4 |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 403069 | 01/21/24 16:50 | OM8W | EET CAL 4 |
| | Instrument ID: GC66 | | | | | | | | | |

**Laboratory References:**

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

# Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-167861-1
Project/Site: Rosemead PCB Sampling / 209476-003

## Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 3082 | 07-31-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 2540G | | Solid | Percent Moisture |
| 9045D | | Solid | Temperature |

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Oregon | NELAP | 4175 | 02-02-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 9045D | | Solid | Temperature |

## Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2927 | 02-27-24 |
| Georgia | State | 4062 | 02-27-24 |
| Illinois | NELAP | 200004 | 07-31-24 |
| Iowa | State | 421 | 06-01-25 |
| Kentucky (UST) | State | 112225 | 02-28-24 |
| Kentucky (WW) | State | KY98016 | 12-30-24 |
| Michigan | State | 9135 | 02-27-24 |
| Minnesota | NELAP | 039-999-348 | 12-31-24 |
| New Jersey | NELAP | OH001 | 07-01-24 |
| New York | NELAP | 10975 | 04-01-24 |
| Ohio | State | 8303 | 02-27-24 |
| Ohio VAP | State | ORELAP 4062 | 02-27-24 |
| Oregon | NELAP | 4062 | 02-27-24 |
| Pennsylvania | NELAP | 68-00340 | 08-31-24 |
| Texas | NELAP | T104704517-22-19 | 08-31-24 |
| USDA | US Federal Programs | P330-18-00281 | 01-05-27 |
| Virginia | NELAP | 460175 | 09-14-24 |
| West Virginia DEP | State | 210 | 12-31-24 |

# Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-167861-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | EET CAL 4 |
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | EET CLE |
| 6010B | Metals (ICP) | SW846 | EET CAL 4 |
| 2540G | Percent Moisture | SM | EET CAL 4 |
| 7196A | Chromium, Hexavalent | SW846 | EET CAL 4 |
| 9045D | pH | SW846 | EET CAL 4 |
| 3051A | Preparation, Metals, Microwave Assisted | SW846 | EET CAL 4 |
| 3060A | Alkaline Digestion (Chromium, Hexavalent) | SW846 | EET CAL 4 |
| 3510C | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | EET CAL 4 |
| 3540C | Soxhlet Extraction | SW846 | EET CLE |
| DI Leach | Deionized Water Leaching Procedure | ASTM | EET CAL 4 |

**Protocol References:**

ASTM = ASTM International

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CAL 4 = Eurofins Calscience  Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

# Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead PCB Sampling / 209476-003

Job ID: 570-167861-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 570-167861-1 | HA-SB-01-3.0-011124-01 | Solid | 01/11/24 08:50 | 01/11/24 18:30 |
| 570-167861-2 | HA-SB-01-2.0-011124-01 | Solid | 01/11/24 08:47 | 01/11/24 18:30 |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | Solid | 01/11/24 08:45 | 01/11/24 18:30 |
| 570-167861-4 | HA-SB-01-4.0-011124-01 | Solid | 01/11/24 08:52 | 01/11/24 18:30 |
| 570-167861-5 | HA-SB-08-1.0-011124-01 | Solid | 01/11/24 09:30 | 01/11/24 18:30 |
| 570-167861-6 | HA-SB-08-1.0-011124-02 | Solid | 01/11/24 09:30 | 01/11/24 18:30 |
| 570-167861-7 | B-5-7.0--011124-01 | Solid | 01/11/24 11:24 | 01/11/24 18:30 |
| 570-167861-8 | B-5-7.0--011124-02 | Solid | 01/11/24 11:24 | 01/11/24 18:30 |
| 570-167861-9 | B-5-5.0-011124-01 | Solid | 01/11/24 11:20 | 01/11/24 18:30 |
| 570-167861-10 | B-5-6.0-011124-01 | Solid | 01/11/24 11:22 | 01/11/24 18:30 |
| 570-167861-11 | HA-SB-03-1.0-011124-01 | Solid | 01/11/24 13:20 | 01/11/24 18:30 |
| 570-167861-12 | HA-SB-03-2.0-011124-01 | Solid | 01/11/24 13:22 | 01/11/24 18:30 |
| 570-167861-13 | HA-SB-03-4.0-011124-01 | Solid | 01/11/24 13:26 | 01/11/24 18:30 |
| 570-167861-14 | HA-SB-03-3.0-011124-01 | Solid | 01/11/24 13:24 | 01/11/24 18:30 |
| 570-167861-15 | SB-11-3.0-011124-01 | Solid | 01/11/24 12:52 | 01/11/24 18:30 |
| 570-167861-16 | SB-11-4.0-011124-01 | Solid | 01/11/24 12:50 | 01/11/24 18:30 |
| 570-167861-17 | HA-SB-05-1.0-011124-01 | Solid | 01/11/24 12:30 | 01/11/24 18:30 |
| 570-167861-18 | HA-SB-05-2.0-011124-01 | Solid | 01/11/24 12:33 | 01/11/24 18:30 |
| 570-167861-19 | HA-SB-05-4.0-011124-01 | Solid | 01/11/24 12:37 | 01/11/24 18:30 |
| 570-167861-20 | HA-SB-05-3.0-011124-01 | Solid | 01/11/24 12:35 | 01/11/24 18:30 |
| 570-167861-21 | HA-SB-05-3.0-011124-02 | Solid | 01/11/24 12:35 | 01/11/24 18:30 |
| 570-167861-22 | SB-16-3.0-011124-01 | Solid | 01/11/24 12:20 | 01/11/24 18:30 |
| 570-167861-23 | SB-16-4.0-011124-01 | Solid | 01/11/24 12:22 | 01/11/24 18:30 |
| 570-167861-24 | SB-14-3.0-011124-01 | Solid | 01/11/24 10:00 | 01/11/24 18:30 |
| 570-167861-25 | SB-14-3.0-011124-02 | Solid | 01/11/24 10:00 | 01/11/24 18:30 |
| 570-167861-26 | SB-14-4.0-011124-01 | Solid | 01/11/24 10:02 | 01/11/24 18:30 |
| 570-167861-27 | HA-SB-10-1.0-011124-01 | Solid | 01/11/24 10:40 | 01/11/24 18:30 |
| 570-167861-28 | HA-SB-10-2.0-011124-01 | Solid | 01/11/24 10:42 | 01/11/24 18:30 |
| 570-167861-29 | HA-SB-10-2.0-011124-02 | Solid | 01/11/24 10:42 | 01/11/24 18:30 |
| 570-167861-30 | HA-SB-10-3.0-011124-01 | Solid | 01/11/24 10:44 | 01/11/24 18:30 |
| 570-167861-31 | HA-SB-10-4.0-011124-01 | Solid | 01/11/24 10:46 | 01/11/24 18:30 |
| 570-167861-32 | HA-SB-10-4.0-011124-02 | Solid | 01/11/24 10:46 | 01/11/24 18:30 |
| 570-167861-33 | HA-SB-09-0.5-011124-01 | Solid | 01/11/24 13:35 | 01/11/24 18:30 |
| 570-167861-34 | HA-SB-09-1.0-011124-01 | Solid | 01/11/24 13:36 | 01/11/24 18:30 |
| 570-167861-35 | HA-SB-09-1.0-011124-02 | Solid | 01/11/24 13:36 | 01/11/24 18:30 |
| 570-167861-36 | HA-SB-09-2.0-011124-01 | Solid | 01/11/24 13:37 | 01/11/24 18:30 |
| 570-167861-37 | HA-SB-09-3.0-011124-01 | Solid | 01/11/24 13:40 | 01/11/24 18:30 |
| 570-167861-38 | HA-SB-09-4.0-011124-01 | Solid | 01/11/24 13:42 | 01/11/24 18:30 |
| 570-167861-39 | LV-10-2.0-011124-01 | Solid | 01/11/24 14:00 | 01/11/24 18:30 |
| 570-167861-40 | LV-10-3.0-011124-01 | Solid | 01/11/24 14:02 | 01/11/24 18:30 |
| 570-167861-41 | LV-10-4.0-011124-01 | Solid | 01/11/24 14:04 | 01/11/24 18:30 |
| 570-167861-42 | LV-8-4.0-011124-01 | Solid | 01/11/24 14:20 | 01/11/24 18:30 |
| 570-167861-43 | LV-8-4.0-011124-02 | Solid | 01/11/24 14:20 | 01/11/24 18:30 |
| 570-167861-44 | LV-15-02-E-1.0-011124-01 | Solid | 01/11/24 14:30 | 01/11/24 18:30 |
| 570-167861-45 | LV-15-02-E-5.0-011124-01 | Solid | 01/11/24 14:32 | 01/11/24 18:30 |
| 570-167861-46 | LV-15-02-E-7.5-011124-01 | Solid | 01/11/24 14:34 | 01/11/24 18:30 |
| 570-167861-47 | LV-15-03-S-5.0-011124-01 | Solid | 01/11/24 15:00 | 01/11/24 18:30 |
| 570-167861-48 | LV-15-03-S-7.5-011124-01 | Solid | 01/11/24 15:05 | 01/11/24 18:30 |
| 570-167861-49 | EB-011124-01 | Water | 01/11/24 15:30 | 01/11/24 18:30 |

## Virendra Patel

**From:** Tsiatsios, Chris <CTsiatsios@haleyaldrich.com>
**Sent:** Monday, January 15, 2024 3:36 PM
**To:** Virendra Patel
**Subject:** RE: 570-167861-1 Rosemead PCB Sampling / 209476-003 sample confirmation files from Eurofins Southwest
**Attachments:** 2024_0111_HAI_Revised COC.pdf

**CAUTION:** EXTERNAL EMAIL - Sent from an email domain that is not formally trusted by Eurofins.

Do not click on links or open attachments unless you recognise the sender and are certain that the content is safe.

Virendra,

The B-S samples referenced on COC page 1 of 6 should be B-5. PCB and moisture content needs to be removed from the LV-15 samples on page 6 of 6. A revised COC is attached.

Thanks,
Chris

---

**From:** Virendra Patel <Virendra.Patel@et.eurofinsus.com>
**Sent:** Sunday, January 14, 2024 2:35 PM
**To:** Tsiatsios, Chris <CTsiatsios@haleyaldrich.com>; Vanderwal, Joshua <JVanderwal@haleyaldrich.com>; Long, Sylvan <SLong@haleyaldrich.com>; Patel Virendra <Virendra.Patel@et.eurofinsus.com>
**Subject:** 570-167861-1 Rosemead PCB Sampling / 209476-003 sample confirmation files from Eurofins Southwest

**CAUTION: External Email**

---

Hello,

Attached please find the sample confirmation files for job 570-167861-1; Rosemead PCB Sampling / 209476-003

Please feel free to contact me if you have any questions.

Thank you.

**Virendra Patel**
Project Manager

Eurofins Calscience
Phone: 714-895-5494
Mobile: 714-887-9901

E-mail: Virendra.Patel@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [570-577080]
Attachments: 3

> > Bank information has changed, please refer to remittance information on invoice. < <

Loc: 570
167861
MW19

570-167861 Chain of Custody

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 1/11/24
PAGE: 1 OF 6

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave. Suite 155
CITY: Costa Mesta STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: Ctsiatsios@haleyaldrich.com
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD
EDD:
☐ COELT EDF ☐ OTHER

CLIENT PROJECT NAME / NO.: RoseMead-PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT #57018332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) FA

SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiatsios, Faluaso @haleyaldrich.com

Dryweight for PCB Results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 dry weight 3550C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HA-SB-01-3.0-01 | 1124-01 HA-SB-01 | 01/11/24 | 0850 | Soil | 1 | X | | | X | X | | | X | |
| 2 | HA-SB-01-2.0-011124-01 | HA-SB-01 | 01/11/24 | 0847 | Soil | 1 | X | | | X | X | | X | X | |
| 3 | HA-SB-01-1.0-01 | 1124-01 HA-SB-01 | 01/11/24 | 0845 | Soil | 1 | X | | | X | X | | X | X | X |
| 4 | HA-SB-01-.40-011124-01 | HA-SB-01 | 01/11/24 | 0852 | Soil | 1 | X | | | X | X | | | X | |
| 5 | HA-SB-08-1.0-011124-01 | HA-SB-08 | 01/11/24 | 0930 | Soil | 1 | X | | | X | X | | | | |
| 6 | HA-SB-08-1.0-011124-02 | HA-SB-08 | 01/11/24 | 0930 | Soil | 1 | X | | | X | X | | | | |
| 7 | B-S-7.0-011124-01 | B-S | 01/11/24 | 1124 | Soil | 1 | X | | | X | X | | | X | |
| 8 | B-S-7.0-011124-02 | D-S | 01/11/24 | 1124 | Soil | 1 | X | | | X | X | | | | |
| 9 | B-S-5.0-011124-01 | B-S | 01/11/24 | 1120 | Soil | 1 | X | | | X | X | | | | X |
| 10 | B-S-6.0-011124-01 | D-S | 01/11/24 | 1122 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

0.8 / 1.0 Sc 14

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 01/11/24
PAGE: 2 OF 6

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: ctsiatsios@haleyaldrich.com
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD
EDD:
☐ COELT EDF ☐ OTHER
SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiatsios, Falanso @haleyaldrich.com

Dry weight for PCB results

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
PROJECT CONTACT: Chris Tsiatsios
GLOBAL ID:
LOG CODE:
P.O. NO.: 209476-003
ECI PROJECT #: ECI PROJECT #570183S2
SAMPLER(S): (PRINT): FA

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 dry weight / 3546C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS / MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | HA-SB-03-1.0-011124-01 | HA-SB-03 | 01/11/24 | 1320 | Soil | 1 | X | | | X | X | | | | |
| 12 | HA-SB-03-2.0-011124-01 | HA-SB-03 | | 1322 | Soil | 1 | X | | | X | X | | | | |
| 13 | HA-SB-03-4.0-011124-01 | HA-SB-03 | | 1326 | Soil | 1 | X | | | X | X | | | | |
| 14 | HA-SB-03-3.0-011124-01 | HA-SB-03 | | 1324 | Soil | 1 | X | | | X | X | | | | |
| | HA | | | | | | | | | | | | | | |
| | HA | | | | | | | | | | | | | | |
| 15 | SB-11-3.0-011124-01 | SB-11 | 01/11/24 | 1252 | Soil | 1 | X | | | X | X | | | | |
| 16 | SB-11-4.0-011124-01 | SB-11 | 01/11/24 | 1250 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/12/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/11/24
PAGE: 3 OF 6

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Red Hill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTsiagtsios@haleyaldrich.com
CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
PROJECT CONTACT: Chris Tsiagtsios
P.O. NO.: 209476-003
ECI PROJECT #: ECI PROJECT #5701835J
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: CTsiagtsios, Falonso @haleyaldrich.com

Dry Weight of PCB results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCBs 8082A (by weight) / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | HA-SB-05-1.0-01112 | 4-01 \| HA-SB-05 | 01/11/24 | 1230 | Soil | 1 | X | | | X | X | | | | |
| 18 | HA-SB-05-2.0-01112 | 4-01 \| HA-SB-05 | | 1233 | Soil | 1 | X | | | X | X | | | | |
| 19 | HA-SB-05-4.0-01112 | 4-01 \| HA-SB-05 | | 1237 | Soil | 1 | X | | | X | X | | | | |
| 20 | HA-SB-05-3.0-01112 | 4-01 \| HA-SB-05 | | 1235 | Soil | 1 | X | | | X | X | | | X | |
| 21 | HA-SB-05-3.0-01112 | 4-02 \| HA-SB-05 | | 1235 | Soil | 1 | X | | | X | X | | | | |
| 22 | SB-16-3.0-01112 | 4-01 \| SB-16 | | 1220 | Soil | 1 | X | | | X | X | | | | |
| 23 | SB-16-4.0-01112 | 4-01 \| SB-16 | | 1222 | Soil | 1 | X | | | X | X | | | | |
| 24 | SB-14-3.0-01112 | 4-01 \| SB-14 | | 1000 | Soil | 1 | X | | | X | X | | | | |
| 25 | SB-14-3.0-01112 | 4-02 \| SB-14 | | 1000 | Soil | 1 | X | | | X | X | | | | |
| 26 | SB-14-4.0-01112 | 4-01 \| SB-14 | ↓ | 1002 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/11/24
PAGE: 4 OF 6

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: Ctsiaotsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead-PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiaotsios
ECI PROJECT #: ECI PROJECT #5701853
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): TA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiaotsios, Fulanso @haleyaldrich.com

Dry weight for PCB Results

REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PAH | As MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | HA-SB-10-1.0-011124-01 | HA-SB-10 | 01/11/24 | 1040 | Soil | 1 | X | | | X | X | | | | |
| 28 | HA-SB-10-2.0-011124-01 | HA-SB-10 | | 1042 | Soil | 1 | X | | | X | X | | | | |
| 29 | HA-SB-10-2.0-011124-02 | HA-SB-10 | | 1042 | Soil | 1 | X | | | X | X | | | | |
| 30 | HA-SB-10-3.0-011124-01 | HA-SB-10 | | 1044 | Soil | 1 | X | | | X | X | | | | X |
| 31 | HA-SB-10-4.0-011124-01 | HA-SB-10 | | 1046 | Soil | 1 | X | | | X | X | | | | |
| 32 | HA-SB-10-4.0-011124-02 | HA-SB-10 | | 1046 | Soil | 1 | X | | | X | X | | | | |
| 33 | HA-SB-09-0.5-011124-01 | HA-SB-09 | | 1335 | Soil | 1 | X | | | X | X | | | X | X |
| 34 | HA-SB-09-1.0-011124-01 | HA-SB-09 | | 1336 | Soil | 1 | X | | | X | X | | | | |
| 35 | HA-SB-09-1.0-011124-02 | HA-SB-09 | ↓ | 1336 | Soil | 1 | X | | | X | X | | | | |
| 36 | HA-SB-09-2.0-011124-01 | HA-SB-09 | | 1337 | Soil | 1 | X | | | X | X | | | X | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 01/11/24
PAGE: 5 OF 6

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTsiatsios@HaleyAldrich.com

CLIENT PROJECT NAME / NO.: RoseMead - PCB Sampling
PROJECT CONTACT: Chris Tsiatsios
GLOBAL ID:
LOG CODE:
P.O. NO.: 209476-003
ECI PROJECT #: ECI PROJECT # 5201833 2
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: CTsiatsios, FAlonso @haleyaldrich.com

Dry weight for PCB Results

REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | HA-SB-09-7.0-01 | 1124-01 / HA-SB-09 | 01/11/24 | 1340 | Soil | 1 | X | | | X | X | | | | |
| 38 | HA-SB-09-9.0-01 | 1124-02 / HA-SB-09 | | 1342 | Soil | 1 | X | | | X | X | | | X | |
| 39 | LV-10-2.0-01 | 1124-01 / LV-10 | | 1400 | Soil | 1 | X | | | X | X | | | | |
| 40 | LV-10-3.0-01 | 1124-01 / LV-10 | | 1402 | Soil | 1 | X | | | X | X | | | | |
| 41 | LV-10-4.0-01 | 1124-01 / LV-10 | | 1404 | Soil | 1 | X | | | X | X | | | | |
| 42 | LV-8-4.0-01 | 1124-01 / LV-8 | | 1420 | Soil | 1 | X | | | X | X | | | | |
| 43 | LV-8-4.0-01 | 1124-02 / LV-8 | | 1420 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1.11.24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1.11.24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 01/11/24
PAGE: 6 OF 6

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: ctsiastsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiastsios
ECI PROJECT #: ECI PROJECT # 57018332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) FP

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: ctsiastsios, Falonso@haleyaldrich.com

Prg Reinst for PCB Results

REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | pH | MSIMSD | 7196A / 3060A | 8082 Ultra | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44 | LV-IS-02-S-1.0-011124-01 | LV-IS-02-S | 01/11/24 | 1430 | Soil | 1 | X | | | X | X | | X | | | X | | | | | | | | | | | | | |
| 45 | LV-IS-02-S-5.0-011124-01 | LV-IS-02-S | | 1432 | Soil | 1 | X | | | X | X | X | | | | | | | | | | | | | | | | | |
| 46 | LV-IS-02-S-7.5-011124-01 | LV-IS-02-S | | 1434 | Soil | 1 | X | | | X | X | X | | | | | | | | | | | | | | | | | |
| 47 | LV-IS-03-S-5.0-011124-01 | LV-IS-03-S | | 1500 | Soil | 1 | X | | | X | X | X | | | | | | | | | | | | | | | | | |
| 48 | LV-IS-03-S-7.5-011124-01 | LV-IS-03-S | ↓ | 1505 | Soil | 1 | X | | | X | X | X | | | | | | | | | | | | | | | | | |
| 49 | EB-011124-01 | | | 1530 | Water | 1 | | | | | | | | | | | X | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1-11-24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

570-167861 Chain of Custody

Loc: 570
167861
MW9

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 1/11/24
PAGE: 1 OF 6

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave. Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: Ctsiatsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: RoseMead - PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT #57018332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiatsios, Faloaso @haleyaldrich.com

Dry weight for PCB Results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 dry weight 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HA-SB-01-3.0-011124-01 | HA-SB-01 | 01/11/24 | 0850 | Soil | 1 | X | | | X | X | | | X | |
| 2 | HA-SB-01-2.0-011124-01 | HA-SB-01 | 01/11/24 | 0847 | Soil | 1 | X | | | X | X | | X | X | |
| 3 | HA-SB-01-1.0-011124-01 | HA-SB-01 | 01/11/24 | 0845 | Soil | 1 | X | | | X | X | | X | X | X |
| 4 | HA-SB-01-7.0-011124-01 | HA-SB-01 | 01/11/24 | 0852 | Soil | 1 | X | | | X | X | | | X | |
| 5 | HA-SB-08-1.0-011124-01 | HA-SB-08 | 01/11/24 | 0930 | Soil | 1 | X | | | X | X | | | | |
| 6 | HA-SB-08-1.0-011124-02 | HA-SB-08 | 01/11/24 | 0930 | Soil | 1 | X | | | X | X | | | | |
| 7 | B-S-7.0-011124-01 | B-S | 01/11/24 | 1124 | Soil | 1 | X | | | X | X | | | X | |
| 8 | B-S-7.0-011124-02 | B-S | 01/11/24 | 1124 | Soil | 1 | X | | | X | X | | | | |
| 9 | B-S-5.0-011124-01 | B-S | 01/11/24 | 1120 | Soil | 1 | X | | | X | X | | | | X |
| 10 | B-S-6.0-011124-01 | B-S | 01/11/24 | 1122 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

0.8 / 1.0 Sc 14

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/11/24
PAGE: 2 OF 6

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: ctsiatsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT # 57018352
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiatsios, Falonso @haleyaldrich.com

Dry weight for PCB results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082A dry weight / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | HA-SB-03-1.0-011124-01 | HA-SB-03 | 01/11/24 | 1320 | Soil | 1 | X | | | X | X | | | | |
| 12 | HA-SB-03-2.0-011124-01 | HA-SB-03 | " | 1322 | Soil | 1 | X | | | X | X | | | | |
| 13 | HA-SB-03-4.0-011124-01 | HA-SB-03 | " | 1326 | Soil | 1 | X | | | X | X | | | | |
| 14 | HA-SB-03-3.0-011124-01 | HA-SB-03 | " | 1324 | Soil | 1 | X | | | X | X | | | | |
| | ~~HA~~ | | | | | | | | | | | | | | |
| | ~~TEST~~ | | | | | | | | | | | | | | |
| 15 | SB-11-3.0-011124-01 | SB-11 | 01/11/24 | 1252 | Soil | 1 | X | | | X | X | | | | |
| 16 | SB-11-4.0-011124-01 | SB-11 | 01/11/24 | 1250 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/12/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/11/24
PAGE: 3 OF 6

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Red Hill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTsiagtsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiagtsios
ECI PROJECT #: ECI PROJECT #57018332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: CTsiagtsios, Faluvio @haleyaldrich.com

Dry weight of PCB results

REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCBs 8082A by 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | HA-SB-05-1.0-011124-01 | HA-SB-05 | 01/11/24 | 1230 | Soil | 1 | X | | | X | X | | | | |
| 18 | HA-SB-05-2.0-011124-01 | HA-SB-05 | | 1233 | Soil | 1 | X | | | X | X | | | | |
| 19 | HA-SB-05-4.0-011124-01 | HA-SB-05 | | 1237 | Soil | 1 | X | | | X | X | | | | |
| 20 | HA-SB-05-3.0-011124-01 | HA-SB-05 | | 1235 | Soil | 1 | X | | | X | X | | | X | |
| 21 | HA-SB-05-3.0-011124-02 | HA-SB-05 | | 1235 | Soil | 1 | X | | | X | X | | | | |
| 22 | SB-16-3.0-011124-01 | SB-16 | | 1220 | Soil | 1 | X | | | X | X | | | | |
| 23 | SB-16-4.0-011124-01 | SB-16 | | 1222 | Soil | 1 | X | | | X | X | | | | |
| 24 | SB-14-3.0-011124-01 | SB-14 | | 1000 | Soil | 1 | X | | | X | X | | | | |
| 25 | SB-14-3.0-011124-02 | SB-14 | | 1000 | Soil | 1 | X | | | X | X | | | | |
| 26 | SB-14-4.0-011124-01 | SB-14 | ↓ | 1002 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1730 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 01/11/24
PAGE: 4 OF 6

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: Ctsiaastsios@haleyaldrich.com
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD
EDD: ☐ COELT EDF ☐ OTHER

CLIENT PROJECT NAME / NO.: Rosemead-PCB Sampling
PROJECT CONTACT: Chris Tsiaastsios
GLOBAL ID:
LOG CODE:
P.O. NO.: 209476-003
ECI PROJECT #: ECI PROJECT #5701832
SAMPLER(S): (PRINT): FA

SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiaastsios, Falonso@haleyaldrich.com

Organochlor for PCB Results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | pH | Δ MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | HA-SB-10-1.0-011124-01 | HA-SB-10 | 01/11/24 | 1040 | Soil | 1 | X | | | X | X | | | | |
| 28 | HA-SB-10-2.0-011124-01 | HA-SB-10 | | 1042 | Soil | 1 | X | | | X | X | | | | |
| 29 | HA-SB-10-2.0-011124-02 | HA-SB-10 | | 1042 | Soil | 1 | X | | | X | X | | | | |
| 30 | HA-SB-10-3.0-011124-01 | HA-SB-10 | | 1044 | Soil | 1 | X | | | X | X | | | | X |
| 31 | HA-SB-10-4.0-011124-01 | HA-SB-10 | | 1046 | Soil | 1 | X | | | X | X | | | | |
| 32 | HA-SB-10-4.0-011124-02 | HA-SB-10 | | 1046 | Soil | 1 | X | | | X | X | | | | |
| 33 | HA-SB-09-0.5-011124-01 | HA-SB-09 | | 1335 | Soil | 1 | X | | | X | X | | | X | X |
| 34 | HA-SB-09-1.0-011124-01 | HA-SB-09 | | 1336 | Soil | 1 | X | | | X | X | | | | |
| 35 | HA-SB-09-1.0-011124-02 | HA-SB-09 | | 1336 | Soil | 1 | X | | | X | X | | | | |
| 36 | HA-SB-09-2.0-011124-01 | HA-SB-09 | | 1337 | Soil | 1 | X | | | X | X | | | X | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 01/11/24
PAGE: 5 OF 6

LABORATORY CLIENT: Haley ; Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: Ctsiatsios@HaleyAldrich.com

CLIENT PROJECT NAME / NO.: RoseMead - PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT # 57018332
GLOBAL ID:
LOG CODE:
SAMPLER(S) (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiatsios, Falonso @haleyaldrich.com

Dry weight for PCB Results

REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | WSLP150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | HA-SB-09-7.0-01 | 11124-01 HA-SB-09 | 01/11/24 | 1340 | Soil | 1 | X | | | X | X | | | | |
| 38 | HA-SB-09-4.0-01 | 11124-02 HA-SB-09 | | 1342 | Soil | 1 | X | | | X | X | | | X | |
| 39 | LV-10-2.0-01 | 11124-01 LV-10 | | 1400 | Soil | 1 | X | | | X | X | | | | |
| 40 | LV-10-3.0-01 | 1124-01 LV-10 | | 1402 | Soil | 1 | X | | | X | X | | | | |
| 41 | LV-10-4.0-01 | 1124-01 LV-10 | | 1404 | Soil | 1 | X | | | X | X | | | | |
| 42 | LV-8-4.0-01 | 1124-01 LV-8 | | 1420 | Soil | 1 | X | | | X | X | | | | |
| 43 | LV-8-4.0-01 | 1124-02 LV-8 | | 1420 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1.11.24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1.11.24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 01/11/24
PAGE: 6 OF 6

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: ctrsastsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead-PCB Sampling
PROJECT CONTACT: Chris Tsasatsios
GLOBAL ID:
LOG CODE:
P.O. NO.: 209476-003
ECI PROJECT #: ECI PROJECT # 57018332
SAMPLER(S): (PRINT) FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: ctsiatsios, Falonso @haleyaldrich.com

Prg Reisht for PCB Results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MSIMSD | 7196A / 3060A | 8082 only |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44 | LV-1S-02-E-1.0-011124-01 | LV-1S-02-E | 01/11/24 | 1430 | Soil | 1 | X | | | X | X | | X | | | X | |
| 45 | LV-1S-02-E-5.0-011124-01 | LV-1S-02-E | " | 1432 | Soil | 1 | X | | | X | X | X | | | | | |
| 46 | LV-1S-02-E-7.5-011124-01 | LV-1S-02-E | " | 1434 | Soil | 1 | X | | | X | X | X | | | | | |
| 47 | LV-1S-03-S-5.0-011124-01 | LV-1S-03-S | " | 1500 | Soil | 1 | X | | | X | X | X | | | | | |
| 48 | LV-1S-03-S-7.5-011124-01 | LV-1S-03-S | " | 1505 | Soil | 1 | X | | | X | X | X | | | | | |
| 49 | EB-011124-01 | | | 1530 | Water | 1 | | | | | | | | | | | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1-11-24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

570-167861 Chain of Custody

Loc: 570
167861
MWN9

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 1/11/24
PAGE: 1 OF 6

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave. Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: Ctsiatsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: RoseMead-PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT #57018332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiatsios, Faluaso @haleyaldrich.com

Dry weight for PCB Results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 dry weight 3546C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HA-SB-01-3.0-01 | 1124-01 HA-SB-01 | 01/11/24 | 0850 | Soil | 1 | X | | | X | X | | | X | |
| 2 | HA-SB-01-2.0-01 | 1124-01 HA-SB-01 | 01/11/24 | 0847 | Soil | 1 | X | | | X | X | | X | X | |
| 3 | HA-SB-01-1.0-01 | 1124-01 HA-SB-01 | 01/11/24 | 0845 | Soil | 1 | X | | | X | X | | X | X | X |
| 4 | HA-SB-01-4.0-01 | 1124-01 HA-SB-01 | 01/11/24 | 0852 | Soil | 1 | X | | | X | X | | | X | |
| 5 | HA-SB-08-1.0-01 | 1124-01 HA-SB-08 | 01/11/24 | 0930 | Soil | 1 | X | | | X | X | | | | |
| 6 | HA-SB-08-1.0-01 | 1124-02 HA-SB-08 | 01/11/24 | 0930 | Soil | 1 | X | | | X | X | | | | |
| 7 | B-S-7.0-01 | 1124-01 B-S | 01/11/24 | 1124 | Soil | 1 | X | | | X | X | | | X | |
| 8 | B-S-7.0-01 | 1124-02 B-S | 01/11/24 | 1124 | Soil | 1 | X | | | X | X | | | | |
| 9 | B-S-5.0-01 | 1124-01 B-S | 01/11/24 | 1120 | Soil | 1 | X | | | X | X | | | | X |
| 10 | B-S-6.0-01 | 1124-01 B-S | 01/11/24 | 1122 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

0.8 / 1.0 Sc 14

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/11/24
PAGE: 2 OF 6

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Red hill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: ctsiatsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
PROJECT CONTACT: Chris Tsiatsios
GLOBAL ID:
LOG CODE:
P.O. NO.: 209476-003
ECI PROJECT #: ECI PROJECT #570183S2
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiatsios, Fulmso @haleyaldrich.com

Dry weight for PCB results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 dry weight / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | HA-SB-03-1.0-011124-01 | HA-SB-03 | 01/11/24 | 1320 | Soil | 1 | X | | | X | X | | | | |
| 12 | HA-SB-03-2.0-011124-01 | HA-SB-03 | " | 1322 | Soil | 1 | X | | | X | X | | | | |
| 13 | HA-SB-03-4.0-011124-01 | HA-SB-03 | " | 1326 | Soil | 1 | X | | | X | X | | | | |
| 14 | HA-SB-03-3.0-011124-01 | HA-SB-03 | " | 1324 | Soil | 1 | X | | | X | X | | | | |
| | ~~HA~~ | | | | | | | | | | | | | | |
| | ~~TEST~~ | | | | | | | | | | | | | | |
| 15 | SB-11-3.0-011124-01 | SB-11 | 01/11/24 | 1252 | Soil | 1 | X | | | X | X | | | | |
| 16 | SB-11-4.0-011124-01 | SB-11 | 01/11/24 | 1250 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/12/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/11/24
PAGE: 3 OF 6

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Red Hill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: CTsiagtsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiagtsios
ECI PROJECT #: ECI PROJECT #5701833
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: CTsiagtsios, Faloni@haleyaldrich.com

Dry weight of PCB results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCBs 8082A by 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | MS MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | HA-SB-05-1.0-011124-01 | HA-SB-05 | 01/11/24 | 1230 | Soil | 1 | X | | | X | X | | | | |
| 18 | HA-SB-05-2.0-011124-01 | HA-SB-05 | | 1233 | Soil | 1 | X | | | X | X | | | | |
| 19 | HA-SB-05-4.0-011124-01 | HA-SB-05 | | 1237 | Soil | 1 | X | | | X | X | | | | |
| 20 | HA-SB-05-3.0-011124-01 | HA-SB-05 | | 1235 | Soil | 1 | X | | | X | X | | | X | |
| 21 | HA-SB-05-3.0-011124-02 | HA-SB-05 | | 1235 | Soil | 1 | X | | | X | X | | | | |
| 22 | SB-16-3.0-011124-01 | SB-16 | | 1220 | Soil | 1 | X | | | X | X | | | | |
| 23 | SB-16-4.0-011124-01 | SB-16 | | 1222 | Soil | 1 | X | | | X | X | | | | |
| 24 | SB-14-3.0-011124-01 | SB-14 | | 1000 | Soil | 1 | X | | | X | X | | | | |
| 25 | SB-14-3.0-011124-02 | SB-14 | | 1000 | Soil | 1 | X | | | X | X | | | | |
| 26 | SB-14-4.0-011124-01 | SB-14 | ↓ | 1002 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1730 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/11/24
PAGE: 4 OF 6

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: Ctsiastsios@haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead-PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiastsios
ECI PROJECT #: ECI PROJECT #5701832
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): TA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiastsios, Falonso @haleyaldrich.com

Dry weight for PCB Results

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | % MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | HA-SB-10-1.0-011124-01 | SB-10 | 01/11/24 | 1040 | Soil | 1 | X | | | X | X | | | | |
| 28 | HA-SB-10-2.0-011124-01 | SB-10 | | 1042 | Soil | 1 | X | | | X | X | | | | |
| 29 | HA-SB-10-2.0-011124-02 | SB-10 | | 1042 | Soil | 1 | X | | | X | X | | | | |
| 30 | HA-SB-10-3.0-011124-01 | SB-10 | | 1044 | Soil | 1 | X | | | X | X | | | | X |
| 31 | HA-SB-10-4.0-011124-01 | SB-10 | | 1046 | Soil | 1 | X | | | X | X | | | | |
| 32 | HA-SB-10-4.0-011124-02 | SB-10 | | 1046 | Soil | 1 | X | | | X | X | | | | |
| 33 | HA-SB-09-0.5-011124-01 | SB-09 | | 1335 | Soil | 1 | X | | | X | X | | | X | X |
| 34 | HA-SB-09-1.0-011124-01 | SB-09 | | 1336 | Soil | 1 | X | | | X | X | | | | |
| 35 | HA-SB-09-1.0-011124-02 | SB-09 | | 1336 | Soil | 1 | X | | | X | X | | | | |
| 36 | HA-SB-09-2.0-011124-01 | SB-09 | | 1337 | Soil | 1 | X | | | X | X | | | X | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY:

DATE: 01/11/24
PAGE: 5 OF 6

LABORATORY CLIENT: Haley ; Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: ctsiatsios@HaleyAldrich.com

CLIENT PROJECT NAME / NO.: RoseMead - PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT # 57018332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: ctsiatsios, Falonso @haleyaldrich.com

Dry weight for PCB Results

REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | PH | NaSi 1450 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | HA-SB-04-3.0-01 | 1124-01 HA-SB-04 | 01/11/24 | 1340 | Soil | 1 | X | | | X | X | | | | |
| 38 | HA-SB-04-4.0-01 | 1124-01 SB-04 | | 1342 | Soil | 1 | X | | | X | X | | | X | |
| 39 | LV-10-2.0-01 | 1124-01 LV-10 | | 1400 | Soil | 1 | X | | | X | X | | | | |
| 40 | LV-10-3.0-01 | 1124-01 LV-10 | | 1402 | Soil | 1 | X | | | X | X | | | | |
| 41 | LV-10-4.0-01 | 1124-01 LV-10 | | 1404 | Soil | 1 | X | | | X | X | | | | |
| 42 | LV-8-4.0-01 | 1124-01 LV-8 | | 1420 | Soil | 1 | X | | | X | X | | | | |
| 43 | LV-8-4.0-01 | 1124-02 LV-8 | | 1420 | Soil | 1 | X | | | X | X | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1.11.24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1.11.24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 01/11/24
PAGE: 6 OF 6

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: ctrsastsios@haleyaldrich.com
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD
EDD:
☐ COELT EDF ☐ OTHER
SPECIAL INSTRUCTIONS:
Email Distribution: ctsiatsios, Falonso @haleyaldrich.com

Prg weight for PCB Results

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling
PROJECT CONTACT: Chris Tsiatsios
GLOBAL ID:
LOG CODE:
P.O. NO.: 209476-003
ECI PROJECT #: ECI PROJECT # 57018332
SAMPLER(S): (PRINT) FA

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082 / 3540C | Moisture Content | Arsenic 6010B | Lead 6010B | pH | WSIMSD | 7196A / 3060A | 8082 only |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44 | LV-IS-02-E-1.0-011124-01 | LV-IS-02-E | 01/11/24 | 1430 | Soil | 1 | X | | | X | X | | X | | | X | |
| 45 | LV-IS-02-E-5.0-011124-01 | LV-IS-02-E | " | 1432 | Soil | 1 | X | | | X | X | X | | | | | |
| 46 | LV-IS-02-E-7.5-011124-01 | LV-IS-02-E | " | 1434 | Soil | 1 | X | | | X | X | X | | | | | |
| 47 | LV-IS-03-S-5.0-011124-01 | LV-IS-03-S | " | 1500 | Soil | 1 | X | | | X | X | X | | | | | |
| 48 | LV-IS-03-S-7.5-011124-01 | LV-IS-03-S | " | 1505 | Soil | 1 | X | | | X | X | X | | | | | |
| 49 | EB-011124-01 | | | 1530 | Water | 1 | | | | | | | | | | | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1/11/24 | Time: 1700 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 1.11.24 | Time: 1830 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

# Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-167861-1

**Login Number: 167861**
**List Number: 1**
**Creator: Le, Sunny**

**List Source: Eurofins Calscience**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Chris Tsiatsios
Haley & Aldrich, Inc.
3187 Red HIll Avenue
Suite 155
Costa Mesa, California 92626

Generated 1/29/2024 9:13:47 AM

## JOB DESCRIPTION

Rosemead Holding, LLC/ 0209476-002

## JOB NUMBER

570-168182-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.





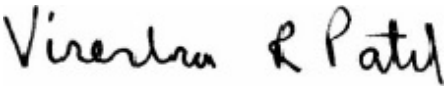
myEOL

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

## Authorization



Generated
1/29/2024 9:13:47 AM

Authorized for release by
Virendra Patel, Project Manager I
Virendra.Patel@et.eurofinsus.com
(714)895-5494

# Table of Contents

Cover Page . . . . . 1
Table of Contents . . . . . 3
Definitions/Glossary . . . . . 4
Case Narrative . . . . . 5
Detection Summary . . . . . 6
Client Sample Results . . . . . 9
Surrogate Summary . . . . . 15
QC Sample Results . . . . . 16
QC Association Summary . . . . . 22
Lab Chronicle . . . . . 26
Certification Summary . . . . . 32
Method Summary . . . . . 33
Sample Summary . . . . . 34
Chain of Custody . . . . . 35
Receipt Checklists . . . . . 44

# Definitions/Glossary

Client: Haley & Aldrich, Inc.
Job ID: 570-168182-1
Project/Site: Rosemead Holding, LLC/ 0209476-002

## Qualifiers

### Metals

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### General Chemistry

| Qualifier | Qualifier Description |
|---|---|
| F1 | MS and/or MSD recovery exceeds control limits. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## Job ID: 570-168182-1 Eurofins Calscience

**Job Narrative**
**570-168182-1**

**Receipt**
The samples were received on 1/15/2024 4:52 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.1º C.

**GC Semi VOA**
Method 8015B:

Method 8082A: The continuing calibration verification (CCV) associated with batch 240-601326 recovered above the upper control limit for the surrogate Decachlorobiphenyl. The Aroclors in the opening CCVs met criteria and all the samples met surrogate criteria. After careful evaluation the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Metals**
Method 6010B: The post digestion spike % recovery for Arsenic associated with batch 570-402830 was outside of control limits. The associated sample is: (570-168445-C-6-A PDS ^2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**General Chemistry**
Method 7196A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-402542 and analytical batch 570-403047 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**
Method 3550C: Batch preparation batch 570-401907 is reported without a matrix spike/matrix spike duplicate (MS/MSD). The batch MS/MSD was originally performed on another client's sample, and this test was canceled at client request. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead Holding, LLC/ 0209476-002

Job ID: 570-168182-1

## Client Sample ID: SB-13-1.0-011524-01 — Lab Sample ID: 570-168182-1

No Detections.

## Client Sample ID: SB-13-2.0-011524-01 — Lab Sample ID: 570-168182-2

No Detections.

## Client Sample ID: SB-13-3.0-011524-01 — Lab Sample ID: 570-168182-3

No Detections.

## Client Sample ID: HA-SB-26-2.0-011524-01 — Lab Sample ID: 570-168182-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 1890 | | 2.22 | 1.47 | mg/Kg | 2 | | 6010B | Total/NA |
| Arsenic | 4.49 | | 3.33 | 2.16 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-29-1.0-011524-01 — Lab Sample ID: 570-168182-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 48.6 | | 2.00 | 1.32 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-24-2.0-011524-01 — Lab Sample ID: 570-168182-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 146 | | 1.85 | 1.23 | mg/Kg | 2 | | 6010B | Total/NA |
| Arsenic | 3.80 | | 2.78 | 1.80 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-24-2.0-011524-02 — Lab Sample ID: 570-168182-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 443 | | 1.89 | 1.25 | mg/Kg | 2 | | 6010B | Total/NA |
| Arsenic | 4.36 | | 2.83 | 1.83 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-29-1.0-011524-02 — Lab Sample ID: 570-168182-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 8.98 | | 2.13 | 1.41 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-25-2.0-011524-01 — Lab Sample ID: 570-168182-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 2540 | | 1.85 | 1.23 | mg/Kg | 2 | | 6010B | Total/NA |
| Arsenic | 6.78 | | 2.78 | 1.80 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-23-1.0-011524-01 — Lab Sample ID: 570-168182-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 165 | | 1.92 | 1.27 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-23-2.0-011524-01 — Lab Sample ID: 570-168182-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 6.86 | | 1.69 | 1.12 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: LV-15-01-N-5.0-011524-01 — Lab Sample ID: 570-168182-12

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.21 | | 2.63 | 1.70 | mg/Kg | 2 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

# Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead Holding, LLC/ 0209476-002

Job ID: 570-168182-1

## Client Sample ID: LV-15-01-N-7.5-011524-01 — Lab Sample ID: 570-168182-13

No Detections.

## Client Sample ID: LV-15-01-W-5.0-011524-01 — Lab Sample ID: 570-168182-14

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 7.52 | | 2.59 | 1.67 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: LV-15-01-W-7-5-011524-01 — Lab Sample ID: 570-168182-15

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 2.68 | J | 3.00 | 1.94 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-20-2.5-011524-01 — Lab Sample ID: 570-168182-16

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 5.02 | | 2.73 | 1.76 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-16-1.0-011524-01 — Lab Sample ID: 570-168182-17

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 63.1 | | 2.22 | 1.47 | mg/Kg | 2 | | 6010B | Total/NA |
| Chromium, hexavalent | 8.31 | | 0.800 | 0.289 | mg/Kg | 1 | | 7196A | Total/NA |

## Client Sample ID: HA-SB-11-5.0-011524-01 — Lab Sample ID: 570-168182-18

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 5.27 | | 2.54 | 1.64 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-18-1.0-011524-01 — Lab Sample ID: 570-168182-19

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 20.3 | | 2.13 | 1.41 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-18-5.0-011524-01 — Lab Sample ID: 570-168182-20

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 25 | | 4.8 | 3.7 | mg/Kg | 1 | | 8015B | Total/NA |
| Arsenic | 5.33 | | 3.13 | 2.02 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-21-2.0-011524-01 — Lab Sample ID: 570-168182-21

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 5.53 | | 2.83 | 1.83 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-21-5.0-011524-01 — Lab Sample ID: 570-168182-22

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6.04 | | 2.88 | 1.87 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-17-2.0-011524-01 — Lab Sample ID: 570-168182-23

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.92 | | 3.00 | 1.94 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-22-5.0-011524-01 — Lab Sample ID: 570-168182-24

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 5.06 | | 3.13 | 2.02 | mg/Kg | 2 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead Holding, LLC/ 0209476-002

Job ID: 570-168182-1

## Client Sample ID: HA-SB-19-5.0-011524-01 — Lab Sample ID: 570-168182-25

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 7.59 | | 3.26 | 2.11 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-27-2.0-011524-01 — Lab Sample ID: 570-168182-26

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 150 | | 5.0 | 3.8 | mg/Kg | 1 | | 8015B | Total/NA |
| Lead | 134 | | 1.72 | 1.14 | mg/Kg | 2 | | 6010B | Total/NA |

## Client Sample ID: HA-SB-28-1.0-011524-01 — Lab Sample ID: 570-168182-27

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 69.9 | | 2.17 | 1.44 | mg/Kg | 2 | | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Job ID: 570-168182-1
Project/Site: Rosemead Holding, LLC/ 0209476-002

## Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

**Client Sample ID: HA-SB-18-5.0-011524-01**
**Lab Sample ID: 570-168182-20**
**Date Collected: 01/15/24 12:50**
**Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 25 | | 4.8 | 3.7 | mg/Kg | | 01/18/24 10:32 | 01/21/24 23:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *103* | | *60 - 138* | *01/18/24 10:32* | *01/21/24 23:36* | *1* |

**Client Sample ID: HA-SB-27-2.0-011524-01**
**Lab Sample ID: 570-168182-26**
**Date Collected: 01/15/24 13:50**
**Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 150 | | 5.0 | 3.8 | mg/Kg | | 01/17/24 11:39 | 01/26/24 14:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *123* | | *60 - 138* | *01/17/24 11:39* | *01/26/24 14:14* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Client Sample ID: SB-13-1.0-011524-01**
**Date Collected: 01/15/24 08:05**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-1**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 0.54 | 0.24 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 11:51 | 1 |
| Aroclor-1221 | ND | | 0.54 | 0.26 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 11:51 | 1 |
| Aroclor-1232 | ND | | 0.54 | 0.25 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 11:51 | 1 |
| Aroclor-1242 | ND | | 0.54 | 0.21 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 11:51 | 1 |
| Aroclor-1248 | ND | | 0.54 | 0.26 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 11:51 | 1 |
| Aroclor-1254 | ND | | 0.54 | 0.25 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 11:51 | 1 |
| Aroclor-1260 | ND | | 0.54 | 0.24 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 11:51 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *75* | | *10 - 149* | *01/25/24 08:19* | *01/26/24 11:51* | *1* |
| *DCB Decachlorobiphenyl* | *98* | | *10 - 174* | *01/25/24 08:19* | *01/26/24 11:51* | *1* |

**Client Sample ID: SB-13-2.0-011524-01**
**Date Collected: 01/15/24 08:07**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-2**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 0.48 | 0.21 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:36 | 1 |
| Aroclor-1221 | ND | | 0.48 | 0.23 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:36 | 1 |
| Aroclor-1232 | ND | | 0.48 | 0.22 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:36 | 1 |
| Aroclor-1242 | ND | | 0.48 | 0.18 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:36 | 1 |
| Aroclor-1248 | ND | | 0.48 | 0.23 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:36 | 1 |
| Aroclor-1254 | ND | | 0.48 | 0.22 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:36 | 1 |
| Aroclor-1260 | ND | | 0.48 | 0.21 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *70* | | *10 - 149* | *01/25/24 08:19* | *01/26/24 12:36* | *1* |
| *DCB Decachlorobiphenyl* | *92* | | *10 - 174* | *01/25/24 08:19* | *01/26/24 12:36* | *1* |

**Client Sample ID: SB-13-3.0-011524-01**
**Date Collected: 01/15/24 08:10**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-3**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 0.42 | 0.18 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:52 | 1 |
| Aroclor-1221 | ND | | 0.42 | 0.20 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:52 | 1 |
| Aroclor-1232 | ND | | 0.42 | 0.19 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:52 | 1 |
| Aroclor-1242 | ND | | 0.42 | 0.16 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:52 | 1 |
| Aroclor-1248 | ND | | 0.42 | 0.20 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:52 | 1 |
| Aroclor-1254 | ND | | 0.42 | 0.19 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:52 | 1 |
| Aroclor-1260 | ND | | 0.42 | 0.18 | mg/Kg | ☼ | 01/25/24 08:19 | 01/26/24 12:52 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *73* | | *10 - 149* | *01/25/24 08:19* | *01/26/24 12:52* | *1* |
| *DCB Decachlorobiphenyl* | *96* | | *10 - 174* | *01/25/24 08:19* | *01/26/24 12:52* | *1* |

## Method: SW846 6010B - Metals (ICP)

**Client Sample ID: HA-SB-26-2.0-011524-01**
**Date Collected: 01/15/24 09:30**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-4**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 1890 | | 2.22 | 1.47 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:12 | 2 |
| Arsenic | 4.49 | | 3.33 | 2.16 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:12 | 2 |

**Client Sample ID: HA-SB-29-1.0-011524-01**
**Date Collected: 01/15/24 09:40**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-5**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 48.6 | | 2.00 | 1.32 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:14 | 2 |

**Client Sample ID: HA-SB-24-2.0-011524-01**
**Date Collected: 01/15/24 10:00**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-6**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 146 | | 1.85 | 1.23 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:17 | 2 |
| Arsenic | 3.80 | | 2.78 | 1.80 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:17 | 2 |

**Client Sample ID: HA-SB-24-2.0-011524-02**
**Date Collected: 01/15/24 10:05**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-7**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 443 | | 1.89 | 1.25 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:19 | 2 |
| Arsenic | 4.36 | | 2.83 | 1.83 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:19 | 2 |

**Client Sample ID: HA-SB-29-1.0-011524-02**
**Date Collected: 01/15/24 09:48**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-8**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 8.98 | | 2.13 | 1.41 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:21 | 2 |

**Client Sample ID: HA-SB-25-2.0-011524-01**
**Date Collected: 01/15/24 10:25**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-9**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 2540 | | 1.85 | 1.23 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:24 | 2 |
| Arsenic | 6.78 | | 2.78 | 1.80 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:24 | 2 |

**Client Sample ID: HA-SB-23-1.0-011524-01**
**Date Collected: 01/15/24 10:30**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-10**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 165 | | 1.92 | 1.27 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:26 | 2 |

**Client Sample ID: HA-SB-23-2.0-011524-01**
**Date Collected: 01/15/24 10:33**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-11**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 6.86 | | 1.69 | 1.12 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:29 | 2 |

## Method: SW846 6010B - Metals (ICP)

**Client Sample ID: LV-15-01-N-5.0-011524-01**
**Date Collected: 01/15/24 11:10**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-12**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 9.21 | | 2.63 | 1.70 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:31 | 2 |

**Client Sample ID: LV-15-01-N-7.5-011524-01**
**Date Collected: 01/15/24 11:15**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-13**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | | 2.94 | 1.90 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:46 | 2 |

**Client Sample ID: LV-15-01-W-5.0-011524-01**
**Date Collected: 01/15/24 11:30**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-14**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 7.52 | | 2.59 | 1.67 | mg/Kg | | 01/19/24 06:13 | 01/23/24 15:53 | 2 |

**Client Sample ID: LV-15-01-W-7-5-011524-01**
**Date Collected: 01/15/24 11:33**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-15**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 2.68 | J | 3.00 | 1.94 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:49 | 2 |

**Client Sample ID: HA-SB-20-2.5-011524-01**
**Date Collected: 01/15/24 11:55**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-16**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 5.02 | | 2.73 | 1.76 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:51 | 2 |

**Client Sample ID: HA-SB-16-1.0-011524-01**
**Date Collected: 01/15/24 12:10**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-17**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 63.1 | | 2.22 | 1.47 | mg/Kg | | 01/19/24 08:14 | 01/19/24 15:41 | 2 |

**Client Sample ID: HA-SB-11-5.0-011524-01**
**Date Collected: 01/15/24 12:42**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-18**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 5.27 | | 2.54 | 1.64 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:54 | 2 |

**Client Sample ID: HA-SB-18-1.0-011524-01**
**Date Collected: 01/15/24 12:55**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-19**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 20.3 | | 2.13 | 1.41 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:56 | 2 |

**Client Sample ID: HA-SB-18-5.0-011524-01**
**Date Collected: 01/15/24 12:50**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-20**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 5.33 | | 3.13 | 2.02 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:58 | 2 |

## Method: SW846 6010B - Metals (ICP)

**Client Sample ID: HA-SB-21-2.0-011524-01**
**Date Collected: 01/15/24 13:00**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-21**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 5.53 | | 2.83 | 1.83 | mg/Kg | | 01/19/24 06:13 | 01/23/24 17:01 | 2 |

**Client Sample ID: HA-SB-21-5.0-011524-01**
**Date Collected: 01/15/24 13:02**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-22**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 6.04 | | 2.88 | 1.87 | mg/Kg | | 01/19/24 06:13 | 01/23/24 17:03 | 2 |

**Client Sample ID: HA-SB-17-2.0-011524-01**
**Date Collected: 01/15/24 13:10**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-23**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 8.92 | | 3.00 | 1.94 | mg/Kg | | 01/19/24 06:13 | 01/23/24 17:06 | 2 |

**Client Sample ID: HA-SB-22-5.0-011524-01**
**Date Collected: 01/15/24 13:20**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-24**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 5.06 | | 3.13 | 2.02 | mg/Kg | | 01/19/24 06:13 | 01/23/24 17:08 | 2 |

**Client Sample ID: HA-SB-19-5.0-011524-01**
**Date Collected: 01/15/24 13:38**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-25**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 7.59 | | 3.26 | 2.11 | mg/Kg | | 01/19/24 08:14 | 01/19/24 15:43 | 2 |

**Client Sample ID: HA-SB-27-2.0-011524-01**
**Date Collected: 01/15/24 13:50**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-26**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 134 | | 1.72 | 1.14 | mg/Kg | | 01/19/24 08:14 | 01/19/24 16:00 | 2 |

**Client Sample ID: HA-SB-28-1.0-011524-01**
**Date Collected: 01/15/24 15:00**
**Date Received: 01/15/24 16:52**
**Lab Sample ID: 570-168182-27**
**Matrix: Solid**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 69.9 | | 2.17 | 1.44 | mg/Kg | | 01/19/24 08:14 | 01/19/24 16:03 | 2 |

## General Chemistry

**Client Sample ID: SB-13-1.0-011524-01**
**Lab Sample ID: 570-168182-1**
**Date Collected: 01/15/24 08:05**
**Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 15.5 | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: SB-13-2.0-011524-01**
**Lab Sample ID: 570-168182-2**
**Date Collected: 01/15/24 08:07**
**Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 14.7 | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: SB-13-3.0-011524-01**
**Lab Sample ID: 570-168182-3**
**Date Collected: 01/15/24 08:10**
**Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (SM 2540G) | 16.3 | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Client Sample ID: HA-SB-16-1.0-011524-01**
**Lab Sample ID: 570-168182-17**
**Date Collected: 01/15/24 12:10**
**Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent (SW846 7196A) | 8.31 | | 0.800 | 0.289 | mg/Kg | | 01/18/24 20:07 | 01/20/24 15:21 | 1 |

# Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead Holding, LLC/ 0209476-002

Job ID: 570-168182-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| | | OTCSN1 |
| Lab Sample ID | Client Sample ID | (60-138) |
| 570-168182-20 | HA-SB-18-5.0-011524-01 | 103 |
| 570-168182-26 | HA-SB-27-2.0-011524-01 | 123 |
| 570-168383-D-1-A MS | Matrix Spike | 97 |
| 570-168383-D-1-B MSD | Matrix Spike Duplicate | 99 |
| 570-168383-D-1-C MS | Matrix Spike | 102 |
| 570-168383-D-1-D MSD | Matrix Spike Duplicate | 103 |
| LCS 570-402308/2-A | Lab Control Sample | 96 |
| LCS 570-402308/6-A | Lab Control Sample | 102 |
| LCSD 570-402308/3-A | Lab Control Sample Dup | 94 |
| LCSD 570-402308/7-A | Lab Control Sample Dup | 100 |
| MB 570-402308/1-A | Method Blank | 93 |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid**

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | TCX2 | DCBP2 |
| Lab Sample ID | Client Sample ID | (10-149) | (10-174) |
| 570-168182-1 | SB-13-1.0-011524-01 | 75 | 98 |
| 570-168182-1 MS | SB-13-1.0-011524-01 | 62 | 86 |
| 570-168182-1 MSD | SB-13-1.0-011524-01 | 65 | 86 |
| 570-168182-2 | SB-13-2.0-011524-01 | 70 | 92 |
| 570-168182-3 | SB-13-3.0-011524-01 | 73 | 96 |
| LCS 240-601201/2-A | Lab Control Sample | 73 | 99 |
| MB 240-601201/1-A | Method Blank | 72 | 95 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 570-402308/1-A**
**Matrix: Solid**
**Analysis Batch: 402917**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 402308**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | ND | | 5.0 | 3.8 | mg/Kg | | 01/18/24 10:32 | 01/21/24 12:39 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *93* | | *60 - 138* | *01/18/24 10:32* | *01/21/24 12:39* | *1* |

**Lab Sample ID: LCS 570-402308/2-A**
**Matrix: Solid**
**Analysis Batch: 402917**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 402308**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 407.3 | | mg/Kg | | 102 | 80 - 130 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *96* | | *60 - 138* |

**Lab Sample ID: LCS 570-402308/6-A**
**Matrix: Solid**
**Analysis Batch: 402917**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 402308**

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *102* | | *60 - 138* |

**Lab Sample ID: LCSD 570-402308/3-A**
**Matrix: Solid**
**Analysis Batch: 402917**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 402308**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | | | 400 | 421.7 | | mg/Kg | | 105 | 80 - 130 | 3 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *94* | | *60 - 138* |

**Lab Sample ID: LCSD 570-402308/7-A**
**Matrix: Solid**
**Analysis Batch: 402917**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 402308**

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *100* | | *60 - 138* |

**Lab Sample ID: 570-168383-D-1-A MS**
**Matrix: Solid**
**Analysis Batch: 402917**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 402308**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 15 | | 386 | 421.6 | | mg/Kg | | 105 | 43 - 165 | | |

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 97 | | 60 - 138 |

**Lab Sample ID: 570-168383-D-1-B MSD**
**Matrix: Solid**
**Analysis Batch: 402917**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 402308**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics [C10-C28] | 15 | | 396 | 429.8 | | mg/Kg | | 105 | 43 - 165 | 2 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 99 | | 60 - 138 |

**Lab Sample ID: 570-168383-D-1-C MS**
**Matrix: Solid**
**Analysis Batch: 402917**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 402308**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 102 | | 60 - 138 |

**Lab Sample ID: 570-168383-D-1-D MSD**
**Matrix: Solid**
**Analysis Batch: 402917**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 402308**

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 103 | | 60 - 138 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 240-601201/1-A**
**Matrix: Solid**
**Analysis Batch: 601326**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 601201**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 0.050 | 0.022 | mg/Kg | | 01/25/24 08:19 | 01/26/24 11:21 | 1 |
| Aroclor-1221 | ND | | 0.050 | 0.024 | mg/Kg | | 01/25/24 08:19 | 01/26/24 11:21 | 1 |
| Aroclor-1232 | ND | | 0.050 | 0.023 | mg/Kg | | 01/25/24 08:19 | 01/26/24 11:21 | 1 |
| Aroclor-1242 | ND | | 0.050 | 0.019 | mg/Kg | | 01/25/24 08:19 | 01/26/24 11:21 | 1 |
| Aroclor-1248 | ND | | 0.050 | 0.024 | mg/Kg | | 01/25/24 08:19 | 01/26/24 11:21 | 1 |
| Aroclor-1254 | ND | | 0.050 | 0.023 | mg/Kg | | 01/25/24 08:19 | 01/26/24 11:21 | 1 |
| Aroclor-1260 | ND | | 0.050 | 0.022 | mg/Kg | | 01/25/24 08:19 | 01/26/24 11:21 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 72 | | 10 - 149 | 01/25/24 08:19 | 01/26/24 11:21 | 1 |
| DCB Decachlorobiphenyl | 95 | | 10 - 174 | 01/25/24 08:19 | 01/26/24 11:21 | 1 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCS 240-601201/2-A**
**Matrix: Solid**
**Analysis Batch: 601326**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 601201**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | | | 1.00 | 0.7727 | | mg/Kg | | 77 | 28 - 140 | | |
| Aroclor-1260 | | | 1.00 | 0.8496 | | mg/Kg | | 85 | 39 - 153 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *73* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *99* | | *10 - 174* |

**Lab Sample ID: 570-168182-1 MS**
**Matrix: Solid**
**Analysis Batch: 601326**

**Client Sample ID: SB-13-1.0-011524-01**
**Prep Type: Total/NA**
**Prep Batch: 601201**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 8.46 | 5.661 | | mg/Kg | ☼ | 67 | 10 - 146 | | |
| Aroclor-1260 | ND | | 8.46 | 6.279 | | mg/Kg | ☼ | 74 | 10 - 158 | | |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *62* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *86* | | *10 - 174* |

**Lab Sample ID: 570-168182-1 MSD**
**Matrix: Solid**
**Analysis Batch: 601326**

**Client Sample ID: SB-13-1.0-011524-01**
**Prep Type: Total/NA**
**Prep Batch: 601201**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | 9.18 | 6.300 | | mg/Kg | ☼ | 69 | 10 - 146 | 11 | 40 |
| Aroclor-1260 | ND | | 9.18 | 6.817 | | mg/Kg | ☼ | 74 | 10 - 158 | 8 | 40 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *65* | | *10 - 149* |
| *DCB Decachlorobiphenyl* | *86* | | *10 - 174* |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 570-402575/1-A ^2**
**Matrix: Solid**
**Analysis Batch: 403856**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 402575**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 2.08 | 1.38 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:09 | 2 |
| Arsenic | ND | | 3.13 | 2.02 | mg/Kg | | 01/19/24 06:13 | 01/23/24 16:09 | 2 |

**Lab Sample ID: LCS 570-402575/2-A ^2**
**Matrix: Solid**
**Analysis Batch: 403856**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 402575**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 51.0 | 47.49 | | mg/Kg | | 93 | 80 - 120 | | |
| Arsenic | | | 51.0 | 44.80 | | mg/Kg | | 88 | 80 - 120 | | |

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCSD 570-402575/3-A ^2**
**Matrix: Solid**
**Analysis Batch: 403856**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 402575**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 51.0 | 46.82 | | mg/Kg | | 92 | 80 - 120 | 1 | 20 |
| Arsenic | | | 51.0 | 44.33 | | mg/Kg | | 87 | 80 - 120 | 1 | 20 |

**Lab Sample ID: 570-168182-14 MS**
**Matrix: Solid**
**Analysis Batch: 403856**

**Client Sample ID: LV-15-01-W-5.0-011524-01**
**Prep Type: Total/NA**
**Prep Batch: 402575**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 4.41 | | 42.4 | 42.29 | | mg/Kg | | 89 | 75 - 125 |
| Arsenic | 7.52 | | 42.4 | 44.64 | | mg/Kg | | 88 | 75 - 125 |

**Lab Sample ID: 570-168182-14 MSD**
**Matrix: Solid**
**Analysis Batch: 403856**

**Client Sample ID: LV-15-01-W-5.0-011524-01**
**Prep Type: Total/NA**
**Prep Batch: 402575**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 4.41 | | 42.4 | 42.17 | | mg/Kg | | 89 | 75 - 125 | 0 | 20 |
| Arsenic | 7.52 | | 42.4 | 44.46 | | mg/Kg | | 87 | 75 - 125 | 0 | 20 |

**Lab Sample ID: MB 570-402609/1-A ^2**
**Matrix: Solid**
**Analysis Batch: 402830**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 402609**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 2.04 | 1.35 | mg/Kg | | 01/19/24 08:14 | 01/19/24 13:50 | 2 |
| Arsenic | ND | | 3.06 | 1.98 | mg/Kg | | 01/19/24 08:14 | 01/19/24 13:50 | 2 |

**Lab Sample ID: LCS 570-402609/2-A ^2**
**Matrix: Solid**
**Analysis Batch: 402830**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 402609**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 49.0 | 45.96 | | mg/Kg | | 94 | 80 - 120 |
| Arsenic | | | 49.0 | 42.04 | | mg/Kg | | 86 | 80 - 120 |

**Lab Sample ID: LCSD 570-402609/3-A ^2**
**Matrix: Solid**
**Analysis Batch: 402830**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 402609**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | | | 52.1 | 46.40 | | mg/Kg | | 89 | 80 - 120 | 1 | 20 |
| Arsenic | | | 52.1 | 43.94 | | mg/Kg | | 84 | 80 - 120 | 4 | 20 |

**Lab Sample ID: 570-168445-C-6-D MS ^2**
**Matrix: Solid**
**Analysis Batch: 402830**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 402609**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 43.1 | 39.47 | | mg/Kg | | 92 | 75 - 125 |
| Arsenic | 7.97 | | 43.1 | 48.74 | | mg/Kg | | 95 | 75 - 125 |

## Method: 6010B - Metals (ICP)

**Lab Sample ID: 570-168445-C-6-E MSD ^2**
**Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 402830**
**Prep Batch: 402609**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | | 43.1 | 39.88 | | mg/Kg | | 93 | 75 - 125 | 1 | 20 |
| Arsenic | 7.97 | | 43.1 | 46.22 | | mg/Kg | | 89 | 75 - 125 | 5 | 20 |

## Method: 2540G - Percent Moisture

**Lab Sample ID: MB 570-401648/1**
**Client Sample ID: Method Blank**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 401648**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture | ND | | 0.100 | 0.100 | % | | | 01/16/24 16:14 | 1 |

**Lab Sample ID: 570-168182-1 DU**
**Client Sample ID: SB-13-1.0-011524-01**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 401648**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Percent Moisture | 15.5 | | 15.3 | | % | | 2 | 10 |

## Method: 7196A - Chromium, Hexavalent

**Lab Sample ID: MB 570-402542/1-A**
**Client Sample ID: Method Blank**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 403047**
**Prep Batch: 402542**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | | 0.800 | 0.289 | mg/Kg | | 01/18/24 20:06 | 01/20/24 14:55 | 1 |

**Lab Sample ID: LCS 570-402542/2-A**
**Client Sample ID: Lab Control Sample**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 403047**
**Prep Batch: 402542**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 20.0 | 19.62 | | mg/Kg | | 98 | 78 - 120 |

**Lab Sample ID: LCSD 570-402542/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 403047**
**Prep Batch: 402542**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | 20.0 | 19.49 | | mg/Kg | | 97 | 78 - 120 | 1 | 20 |

**Lab Sample ID: 550-212883-H-5-A MS**
**Client Sample ID: Matrix Spike**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 403047**
**Prep Batch: 402542**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | F1 | 19.9 | 13.64 | F1 | mg/Kg | | 69 | 75 - 125 |

## Method: 7196A - Chromium, Hexavalent (Continued)

**Lab Sample ID: 550-212883-H-5-B MSD**
**Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 403047**
**Prep Batch: 402542**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | F1 | 20.0 | 14.13 | F1 | mg/Kg | | 71 | 75 - 125 | 4 | 25 |

**Lab Sample ID: 550-212883-H-5-C MSI**
**Client Sample ID: Matrix Spike**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 403047**
**Prep Batch: 402542**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSI Result | MSI Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chromium, hexavalent | ND | F1 | 980 | 817.0 | | mg/Kg | | 83 | 75 - 125 |

## GC Semi VOA

### Prep Batch: 401907

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-26 | HA-SB-27-2.0-011524-01 | Total/NA | Solid | 3550C | |

### Prep Batch: 402308

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-20 | HA-SB-18-5.0-011524-01 | Total/NA | Solid | 3550C | |
| MB 570-402308/1-A | Method Blank | Total/NA | Solid | 3550C | |
| LCS 570-402308/2-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCS 570-402308/6-A | Lab Control Sample | Total/NA | Solid | 3550C | |
| LCSD 570-402308/3-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| LCSD 570-402308/7-A | Lab Control Sample Dup | Total/NA | Solid | 3550C | |
| 570-168383-D-1-A MS | Matrix Spike | Total/NA | Solid | 3550C | |
| 570-168383-D-1-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 3550C | |
| 570-168383-D-1-C MS | Matrix Spike | Total/NA | Solid | 3550C | |
| 570-168383-D-1-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 3550C | |

### Analysis Batch: 402917

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-20 | HA-SB-18-5.0-011524-01 | Total/NA | Solid | 8015B | 402308 |
| MB 570-402308/1-A | Method Blank | Total/NA | Solid | 8015B | 402308 |
| LCS 570-402308/2-A | Lab Control Sample | Total/NA | Solid | 8015B | 402308 |
| LCS 570-402308/6-A | Lab Control Sample | Total/NA | Solid | 8015B | 402308 |
| LCSD 570-402308/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 402308 |
| LCSD 570-402308/7-A | Lab Control Sample Dup | Total/NA | Solid | 8015B | 402308 |
| 570-168383-D-1-A MS | Matrix Spike | Total/NA | Solid | 8015B | 402308 |
| 570-168383-D-1-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B | 402308 |
| 570-168383-D-1-C MS | Matrix Spike | Total/NA | Solid | 8015B | 402308 |
| 570-168383-D-1-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B | 402308 |

### Analysis Batch: 404901

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-26 | HA-SB-27-2.0-011524-01 | Total/NA | Solid | 8015B | 401907 |

### Prep Batch: 601201

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-1 | SB-13-1.0-011524-01 | Total/NA | Solid | 3540C | |
| 570-168182-2 | SB-13-2.0-011524-01 | Total/NA | Solid | 3540C | |
| 570-168182-3 | SB-13-3.0-011524-01 | Total/NA | Solid | 3540C | |
| MB 240-601201/1-A | Method Blank | Total/NA | Solid | 3540C | |
| LCS 240-601201/2-A | Lab Control Sample | Total/NA | Solid | 3540C | |
| 570-168182-1 MS | SB-13-1.0-011524-01 | Total/NA | Solid | 3540C | |
| 570-168182-1 MSD | SB-13-1.0-011524-01 | Total/NA | Solid | 3540C | |

### Analysis Batch: 601326

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-1 | SB-13-1.0-011524-01 | Total/NA | Solid | 8082A | 601201 |
| 570-168182-2 | SB-13-2.0-011524-01 | Total/NA | Solid | 8082A | 601201 |
| 570-168182-3 | SB-13-3.0-011524-01 | Total/NA | Solid | 8082A | 601201 |
| MB 240-601201/1-A | Method Blank | Total/NA | Solid | 8082A | 601201 |
| LCS 240-601201/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 601201 |
| 570-168182-1 MS | SB-13-1.0-011524-01 | Total/NA | Solid | 8082A | 601201 |
| 570-168182-1 MSD | SB-13-1.0-011524-01 | Total/NA | Solid | 8082A | 601201 |

## Metals

### Prep Batch: 402575

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-4 | HA-SB-26-2.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-5 | HA-SB-29-1.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-6 | HA-SB-24-2.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-7 | HA-SB-24-2.0-011524-02 | Total/NA | Solid | 3051A | |
| 570-168182-8 | HA-SB-29-1.0-011524-02 | Total/NA | Solid | 3051A | |
| 570-168182-9 | HA-SB-25-2.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-10 | HA-SB-23-1.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-11 | HA-SB-23-2.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-12 | LV-15-01-N-5.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-13 | LV-15-01-N-7.5-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-14 | LV-15-01-W-5.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-15 | LV-15-01-W-7-5-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-16 | HA-SB-20-2.5-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-18 | HA-SB-11-5.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-19 | HA-SB-18-1.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-20 | HA-SB-18-5.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-21 | HA-SB-21-2.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-22 | HA-SB-21-5.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-23 | HA-SB-17-2.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-24 | HA-SB-22-5.0-011524-01 | Total/NA | Solid | 3051A | |
| MB 570-402575/1-A ^2 | Method Blank | Total/NA | Solid | 3051A | |
| LCS 570-402575/2-A ^2 | Lab Control Sample | Total/NA | Solid | 3051A | |
| LCSD 570-402575/3-A ^2 | Lab Control Sample Dup | Total/NA | Solid | 3051A | |
| 570-168182-14 MS | LV-15-01-W-5.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-14 MSD | LV-15-01-W-5.0-011524-01 | Total/NA | Solid | 3051A | |

### Prep Batch: 402609

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-17 | HA-SB-16-1.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-25 | HA-SB-19-5.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-26 | HA-SB-27-2.0-011524-01 | Total/NA | Solid | 3051A | |
| 570-168182-27 | HA-SB-28-1.0-011524-01 | Total/NA | Solid | 3051A | |
| MB 570-402609/1-A ^2 | Method Blank | Total/NA | Solid | 3051A | |
| LCS 570-402609/2-A ^2 | Lab Control Sample | Total/NA | Solid | 3051A | |
| LCSD 570-402609/3-A ^2 | Lab Control Sample Dup | Total/NA | Solid | 3051A | |
| 570-168445-C-6-D MS ^2 | Matrix Spike | Total/NA | Solid | 3051A | |
| 570-168445-C-6-E MSD ^2 | Matrix Spike Duplicate | Total/NA | Solid | 3051A | |

### Analysis Batch: 402830

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 570-402609/1-A ^2 | Method Blank | Total/NA | Solid | 6010B | 402609 |
| LCS 570-402609/2-A ^2 | Lab Control Sample | Total/NA | Solid | 6010B | 402609 |
| LCSD 570-402609/3-A ^2 | Lab Control Sample Dup | Total/NA | Solid | 6010B | 402609 |
| 570-168445-C-6-D MS ^2 | Matrix Spike | Total/NA | Solid | 6010B | 402609 |
| 570-168445-C-6-E MSD ^2 | Matrix Spike Duplicate | Total/NA | Solid | 6010B | 402609 |

### Analysis Batch: 402843

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-17 | HA-SB-16-1.0-011524-01 | Total/NA | Solid | 6010B | 402609 |
| 570-168182-25 | HA-SB-19-5.0-011524-01 | Total/NA | Solid | 6010B | 402609 |

## Metals

### Analysis Batch: 402859

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-26 | HA-SB-27-2.0-011524-01 | Total/NA | Solid | 6010B | 402609 |
| 570-168182-27 | HA-SB-28-1.0-011524-01 | Total/NA | Solid | 6010B | 402609 |

### Analysis Batch: 403856

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-4 | HA-SB-26-2.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-5 | HA-SB-29-1.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-6 | HA-SB-24-2.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-7 | HA-SB-24-2.0-011524-02 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-8 | HA-SB-29-1.0-011524-02 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-9 | HA-SB-25-2.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-10 | HA-SB-23-1.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-11 | HA-SB-23-2.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-12 | LV-15-01-N-5.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-13 | LV-15-01-N-7.5-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-14 | LV-15-01-W-5.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-15 | LV-15-01-W-7-5-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-16 | HA-SB-20-2.5-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-18 | HA-SB-11-5.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-19 | HA-SB-18-1.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-20 | HA-SB-18-5.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-21 | HA-SB-21-2.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-22 | HA-SB-21-5.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-23 | HA-SB-17-2.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-24 | HA-SB-22-5.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| MB 570-402575/1-A ^2 | Method Blank | Total/NA | Solid | 6010B | 402575 |
| LCS 570-402575/2-A ^2 | Lab Control Sample | Total/NA | Solid | 6010B | 402575 |
| LCSD 570-402575/3-A ^2 | Lab Control Sample Dup | Total/NA | Solid | 6010B | 402575 |
| 570-168182-14 MS | LV-15-01-W-5.0-011524-01 | Total/NA | Solid | 6010B | 402575 |
| 570-168182-14 MSD | LV-15-01-W-5.0-011524-01 | Total/NA | Solid | 6010B | 402575 |

## General Chemistry

### Analysis Batch: 401648

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-1 | SB-13-1.0-011524-01 | Total/NA | Solid | 2540G | |
| 570-168182-2 | SB-13-2.0-011524-01 | Total/NA | Solid | 2540G | |
| 570-168182-3 | SB-13-3.0-011524-01 | Total/NA | Solid | 2540G | |
| MB 570-401648/1 | Method Blank | Total/NA | Solid | 2540G | |
| 570-168182-1 DU | SB-13-1.0-011524-01 | Total/NA | Solid | 2540G | |

### Prep Batch: 402542

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-17 | HA-SB-16-1.0-011524-01 | Total/NA | Solid | 3060A | |
| MB 570-402542/1-A | Method Blank | Total/NA | Solid | 3060A | |
| LCS 570-402542/2-A | Lab Control Sample | Total/NA | Solid | 3060A | |
| LCSD 570-402542/3-A | Lab Control Sample Dup | Total/NA | Solid | 3060A | |
| 550-212883-H-5-A MS | Matrix Spike | Total/NA | Solid | 3060A | |
| 550-212883-H-5-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 3060A | |
| 550-212883-H-5-C MSI | Matrix Spike | Total/NA | Solid | 3060A | |

# QC Association Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-168182-1
Project/Site: Rosemead Holding, LLC/ 0209476-002

## General Chemistry

### Analysis Batch: 403047

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 570-168182-17 | HA-SB-16-1.0-011524-01 | Total/NA | Solid | 7196A | 402542 |
| MB 570-402542/1-A | Method Blank | Total/NA | Solid | 7196A | 402542 |
| LCS 570-402542/2-A | Lab Control Sample | Total/NA | Solid | 7196A | 402542 |
| LCSD 570-402542/3-A | Lab Control Sample Dup | Total/NA | Solid | 7196A | 402542 |
| 550-212883-H-5-A MS | Matrix Spike | Total/NA | Solid | 7196A | 402542 |
| 550-212883-H-5-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 7196A | 402542 |
| 550-212883-H-5-C MSI | Matrix Spike | Total/NA | Solid | 7196A | 402542 |

# Lab Chronicle

Client: Haley & Aldrich, Inc. Job ID: 570-168182-1
Project/Site: Rosemead Holding, LLC/ 0209476-002

## Client Sample ID: SB-13-1.0-011524-01 — Lab Sample ID: 570-168182-1
**Date Collected: 01/15/24 08:05** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.09 g | 10 mL | 601201 | 01/25/24 08:19 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 601326 | 01/26/24 11:51 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: SB-13-2.0-011524-01 — Lab Sample ID: 570-168182-2
**Date Collected: 01/15/24 08:07** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.23 g | 10 mL | 601201 | 01/25/24 08:19 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 601326 | 01/26/24 12:36 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: SB-13-3.0-011524-01 — Lab Sample ID: 570-168182-3
**Date Collected: 01/15/24 08:10** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3540C | | | 1.43 g | 10 mL | 601201 | 01/25/24 08:19 | NPR | EET CLE |
| Total/NA | Analysis | 8082A | | 1 | 1 mL | 1 mL | 601326 | 01/26/24 12:52 | MBB | EET CLE |
| | Instrument ID: A2HP19 | | | | | | | | | |
| Total/NA | Analysis | 2540G | | 1 | | | 401648 | 01/16/24 16:14 | B4QL | EET CAL 4 |
| | Instrument ID: BAL62 | | | | | | | | | |

## Client Sample ID: HA-SB-26-2.0-011524-01 — Lab Sample ID: 570-168182-4
**Date Collected: 01/15/24 09:30** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.45 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:12 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-29-1.0-011524-01 — Lab Sample ID: 570-168182-5
**Date Collected: 01/15/24 09:40** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.50 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:14 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc. Job ID: 570-168182-1
Project/Site: Rosemead Holding, LLC/ 0209476-002

## Client Sample ID: HA-SB-24-2.0-011524-01 — Lab Sample ID: 570-168182-6

**Date Collected: 01/15/24 10:00** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.54 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:17 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-24-2.0-011524-02 — Lab Sample ID: 570-168182-7

**Date Collected: 01/15/24 10:05** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.53 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:19 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-29-1.0-011524-02 — Lab Sample ID: 570-168182-8

**Date Collected: 01/15/24 09:48** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.47 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:21 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-25-2.0-011524-01 — Lab Sample ID: 570-168182-9

**Date Collected: 01/15/24 10:25** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.54 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:24 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-23-1.0-011524-01 — Lab Sample ID: 570-168182-10

**Date Collected: 01/15/24 10:30** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.52 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:26 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead Holding, LLC/ 0209476-002

Job ID: 570-168182-1

## Client Sample ID: HA-SB-23-2.0-011524-01
**Date Collected: 01/15/24 10:33**
**Date Received: 01/15/24 16:52**

## Lab Sample ID: 570-168182-11
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.59 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:29 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: LV-15-01-N-5.0-011524-01
**Date Collected: 01/15/24 11:10**
**Date Received: 01/15/24 16:52**

## Lab Sample ID: 570-168182-12
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.57 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:31 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: LV-15-01-N-7.5-011524-01
**Date Collected: 01/15/24 11:15**
**Date Received: 01/15/24 16:52**

## Lab Sample ID: 570-168182-13
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.51 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:46 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: LV-15-01-W-5.0-011524-01
**Date Collected: 01/15/24 11:30**
**Date Received: 01/15/24 16:52**

## Lab Sample ID: 570-168182-14
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.58 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 15:53 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: LV-15-01-W-7-5-011524-01
**Date Collected: 01/15/24 11:33**
**Date Received: 01/15/24 16:52**

## Lab Sample ID: 570-168182-15
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.50 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:49 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-20-2.5-011524-01 — Lab Sample ID: 570-168182-16

**Date Collected: 01/15/24 11:55** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.55 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:51 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-16-1.0-011524-01 — Lab Sample ID: 570-168182-17

**Date Collected: 01/15/24 12:10** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.45 g | 50 mL | 402609 | 01/19/24 08:14 | JP8N | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402843 | 01/19/24 15:41 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |
| Total/NA | Prep | 3060A | | | 2.50 g | 100 mL | 402542 | 01/18/24 20:07 | U8XP | EET CAL 4 |
| Total/NA | Analysis | 7196A | | 1 | 10 mL | 10 mL | 403047 | 01/20/24 15:21 | U8XP | EET CAL 4 |
| | Instrument ID: UV9 | | | | | | | | | |

## Client Sample ID: HA-SB-11-5.0-011524-01 — Lab Sample ID: 570-168182-18

**Date Collected: 01/15/24 12:42** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.59 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:54 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-18-1.0-011524-01 — Lab Sample ID: 570-168182-19

**Date Collected: 01/15/24 12:55** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.47 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:56 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-18-5.0-011524-01 — Lab Sample ID: 570-168182-20

**Date Collected: 01/15/24 12:50** — **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.31 g | 10 mL | 402308 | 01/18/24 10:32 | E5RH | EET CAL 4 |
| Total/NA | Analysis | 8015B | | 1 | 10 mL | 10 mL | 402917 | 01/21/24 23:36 | SP9M | EET CAL 4 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3051A | | | 0.48 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 16:58 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc. Job ID: 570-168182-1
Project/Site: Rosemead Holding, LLC/ 0209476-002

## Client Sample ID: HA-SB-21-2.0-011524-01 Lab Sample ID: 570-168182-21
**Date Collected: 01/15/24 13:00** **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.53 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 17:01 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-21-5.0-011524-01 Lab Sample ID: 570-168182-22
**Date Collected: 01/15/24 13:02** **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.52 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 17:03 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-17-2.0-011524-01 Lab Sample ID: 570-168182-23
**Date Collected: 01/15/24 13:10** **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.50 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 17:06 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-22-5.0-011524-01 Lab Sample ID: 570-168182-24
**Date Collected: 01/15/24 13:20** **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.48 g | 50 mL | 402575 | 01/19/24 06:13 | RL6Q | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 403856 | 01/23/24 17:08 | P1R | EET CAL 4 |
| | Instrument ID: ICP10 | | | | | | | | | |

## Client Sample ID: HA-SB-19-5.0-011524-01 Lab Sample ID: 570-168182-25
**Date Collected: 01/15/24 13:38** **Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.46 g | 50 mL | 402609 | 01/19/24 08:14 | JP8N | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402843 | 01/19/24 15:43 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |

# Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-168182-1
Project/Site: Rosemead Holding, LLC/ 0209476-002

## Client Sample ID: HA-SB-27-2.0-011524-01
**Lab Sample ID: 570-168182-26**
**Date Collected: 01/15/24 13:50**
**Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3550C | | | 10.01 g | 10 mL | 401907 | 01/17/24 11:39 | E5RH | EET CAL 4 |
| Total/NA | Analysis | 8015B | | 1 | 10 mL | 10 mL | 404901 | 01/26/24 14:14 | SP9M | EET CAL 4 |
| | Instrument ID: GC50 | | | | | | | | | |
| Total/NA | Prep | 3051A | | | 0.58 g | 50 mL | 402609 | 01/19/24 08:14 | JP8N | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402859 | 01/19/24 16:00 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |

## Client Sample ID: HA-SB-28-1.0-011524-01
**Lab Sample ID: 570-168182-27**
**Date Collected: 01/15/24 15:00**
**Matrix: Solid**
**Date Received: 01/15/24 16:52**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3051A | | | 0.46 g | 50 mL | 402609 | 01/19/24 08:14 | JP8N | EET CAL 4 |
| Total/NA | Analysis | 6010B | | 2 | | | 402859 | 01/19/24 16:03 | P1R | EET CAL 4 |
| | Instrument ID: ICP11 | | | | | | | | | |

**Laboratory References:**

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

# Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-168182-1
Project/Site: Rosemead Holding, LLC/ 0209476-002

## Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 3082 | 07-31-24 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 2540G | | Solid | Percent Moisture |

| | | | |
|---|---|---|---|
| Oregon | NELAP | 4175 | 02-02-24 |

## Laboratory: Eurofins Cleveland

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 2927 | 02-27-24 |
| Oregon | NELAP | 4062 | 02-27-24 |

# Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead Holding, LLC/ 0209476-002

Job ID: 570-168182-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8015B | Diesel Range Organics (DRO) (GC) | SW846 | EET CAL 4 |
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | EET CLE |
| 6010B | Metals (ICP) | SW846 | EET CAL 4 |
| 2540G | Percent Moisture | SM | EET CAL 4 |
| 7196A | Chromium, Hexavalent | SW846 | EET CAL 4 |
| 3051A | Preparation, Metals, Microwave Assisted | SW846 | EET CAL 4 |
| 3060A | Alkaline Digestion (Chromium, Hexavalent) | SW846 | EET CAL 4 |
| 3540C | Soxhlet Extraction | SW846 | EET CLE |
| 3550C | Ultrasonic Extraction | SW846 | EET CAL 4 |

**Protocol References:**

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CAL 4 = Eurofins Calscience  Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

# Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rosemead Holding, LLC/ 0209476-002

Job ID: 570-168182-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 570-168182-1 | SB-13-1.0-011524-01 | Solid | 01/15/24 08:05 | 01/15/24 16:52 |
| 570-168182-2 | SB-13-2.0-011524-01 | Solid | 01/15/24 08:07 | 01/15/24 16:52 |
| 570-168182-3 | SB-13-3.0-011524-01 | Solid | 01/15/24 08:10 | 01/15/24 16:52 |
| 570-168182-4 | HA-SB-26-2.0-011524-01 | Solid | 01/15/24 09:30 | 01/15/24 16:52 |
| 570-168182-5 | HA-SB-29-1.0-011524-01 | Solid | 01/15/24 09:40 | 01/15/24 16:52 |
| 570-168182-6 | HA-SB-24-2.0-011524-01 | Solid | 01/15/24 10:00 | 01/15/24 16:52 |
| 570-168182-7 | HA-SB-24-2.0-011524-02 | Solid | 01/15/24 10:05 | 01/15/24 16:52 |
| 570-168182-8 | HA-SB-29-1.0-011524-02 | Solid | 01/15/24 09:48 | 01/15/24 16:52 |
| 570-168182-9 | HA-SB-25-2.0-011524-01 | Solid | 01/15/24 10:25 | 01/15/24 16:52 |
| 570-168182-10 | HA-SB-23-1.0-011524-01 | Solid | 01/15/24 10:30 | 01/15/24 16:52 |
| 570-168182-11 | HA-SB-23-2.0-011524-01 | Solid | 01/15/24 10:33 | 01/15/24 16:52 |
| 570-168182-12 | LV-15-01-N-5.0-011524-01 | Solid | 01/15/24 11:10 | 01/15/24 16:52 |
| 570-168182-13 | LV-15-01-N-7.5-011524-01 | Solid | 01/15/24 11:15 | 01/15/24 16:52 |
| 570-168182-14 | LV-15-01-W-5.0-011524-01 | Solid | 01/15/24 11:30 | 01/15/24 16:52 |
| 570-168182-15 | LV-15-01-W-7-5-011524-01 | Solid | 01/15/24 11:33 | 01/15/24 16:52 |
| 570-168182-16 | HA-SB-20-2.5-011524-01 | Solid | 01/15/24 11:55 | 01/15/24 16:52 |
| 570-168182-17 | HA-SB-16-1.0-011524-01 | Solid | 01/15/24 12:10 | 01/15/24 16:52 |
| 570-168182-18 | HA-SB-11-5.0-011524-01 | Solid | 01/15/24 12:42 | 01/15/24 16:52 |
| 570-168182-19 | HA-SB-18-1.0-011524-01 | Solid | 01/15/24 12:55 | 01/15/24 16:52 |
| 570-168182-20 | HA-SB-18-5.0-011524-01 | Solid | 01/15/24 12:50 | 01/15/24 16:52 |
| 570-168182-21 | HA-SB-21-2.0-011524-01 | Solid | 01/15/24 13:00 | 01/15/24 16:52 |
| 570-168182-22 | HA-SB-21-5.0-011524-01 | Solid | 01/15/24 13:02 | 01/15/24 16:52 |
| 570-168182-23 | HA-SB-17-2.0-011524-01 | Solid | 01/15/24 13:10 | 01/15/24 16:52 |
| 570-168182-24 | HA-SB-22-5.0-011524-01 | Solid | 01/15/24 13:20 | 01/15/24 16:52 |
| 570-168182-25 | HA-SB-19-5.0-011524-01 | Solid | 01/15/24 13:38 | 01/15/24 16:52 |
| 570-168182-26 | HA-SB-27-2.0-011524-01 | Solid | 01/15/24 13:50 | 01/15/24 16:52 |
| 570-168182-27 | HA-SB-28-1.0-011524-01 | Solid | 01/15/24 15:00 | 01/15/24 16:52 |

Loc: 570
168182

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

570-168182 Chain of Custody

# CHAIN-OF-CUSTODY RECORD

DATE: 01/15/24
PAGE: 1 OF 3

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Red Hill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL: ctsiatsios@haleyaldrich.com
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD
EDD:
☐ COELT EDF ☐ OTHER
SPECIAL INSTRUCTIONS:
Email Distribution: Ctsiatsios, Falanso @haleyaldrich.com

CLIENT PROJECT NAME / NO.: Rockwell-PCB Sampling
P.O. NO.: 209476-003
PROJECT CONTACT: Chris Tsiatsios
ECI PROJECT #: ECI PROJECT # 57018332
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): FA

## REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | PCB 8082/3540 dry weight | Moisture Content 2540G | MSIMSD | Lead 6010B | Arsenic 6010B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-13-1.0-011524-01 | SB-13 | 01/15/24 | 0805 | Soil | 1 | X | | | X | X | X | | |
| 2 | SB-13-2.0-011524-01 | SB-13 | 01/15/24 | 0807 | Soil | 1 | X | | | X | X | | | |
| 3 | SB-13-7.0-011524-01 | SB-13 | 01/15/24 | 0810 | Soil | 1 | X | | | X | X | | | |
| 4 | HA-SB-26-2.0-011524-01 | HA-SB-26 | 01/15/24 | 0950 | Soil | 1 | X | | | | | | X | X |
| 5 | HA-SB-24-1.0-011524-01 | HA-SB-24 | 01/15/24 | 0940 | Soil | 1 | X | | | | | | X | |
| 6 | HA-SB-24-2.0-011524-01 | HA-SB-24 | 01/15/24 | 1000 | Soil | 1 | X | | | | | | X | X |
| 7 | HA-SB-24-2.0-011524-02 | HA-SB-24 | 01/15/24 | 1005 | Soil | FA 1 | X | | | | | | X | X |
| 8 | HA-SB-29-1.0-011524-02 | HA-SB-29 | 01/15/24 | 0948 | Soil | 2 | X | | | | | | X | |
| 9 | HA-SB-25-2.0-011524-01 | HA-SB-25 | 01/15/24 | 1025 | Soil | 1 | X | | | | | | X | X |
| 10 | HA-SB-23-1.0-011524-01 | HA-SB-23 | 01/15/24 | 1030 | Soil | 1 | X | | | | | | X | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) EC | Date: 1-15-24 | Time: 16:52 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

4.1/4.1 542

2014-07-01 Revision

168182

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/15/24
PAGE: 2 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 3187 Redhill Ave Suite 155
CITY: Costa Mesa STATE: CA ZIP: 92626
TEL: 714-371-1800 E-MAIL:

CLIENT PROJECT NAME / NO.: Rosemead-PCB Sampling
PROJECT CONTACT: ChrisTsiatsios
P.O. NO.: 209476-003
ECI PROJECT #: ECI PROJECT # S7018332
GLOBAL ID: LOG CODE:
SAMPLER(S): (PRINT): FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Email Distribution: CTsiatsios, FAlonso @haleyaldrich.com

REQUESTED ANALYSES
Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | FIELD POINT ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | Arsenic 6010B | Lead 6010B | Chromium VI 7196A/3060A | TPH-DRO 8015B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | HA-SB-23-2.0-011124-01 | HA-SB-23 | 01/15/24 | 1033 | Soil | 1 | X | | | | X | | |
| 12 | LV-LS-01-N-5.0-011524-01 | LV-LS-01-N | 01/15/24 | 1110 | Soil | 1 | X | | | X | | | |
| 13 | LV-LS-01-N-7.5-011524-01 | LV-LS-01-N | 01/15/24 | 1115 | Soil | 1 | X | | | X | | | |
| 14 | LV-LS-01-W-5.0-011524-01 | LV-LS-01-W | 01/15/24 | 1130 | Soil | 1 | X | | | X | | | |
| 15 | LV-LS-01-W-7.5-011524-01 | LV-LS-01-W | 01/15/24 | 1135 | Soil | 1 | X | | | X | | | |
| 16 | HA-SB-20-2.5-011524-01 | HA-SB-20 | 01/15/24 | 1155 | Soil | 1 | X | | | X | | | |
| 17 | HA-SB-16-1.0-011524-01 | HA-SB-16 | 01/15/24 | 1210 | Soil | 1 | X | | | | X | X | |
| 18 | HA-SB-11-5.0-011524-01 | HA-SB-11 | 01/15/24 | 1242 | Soil | 1 | X | | | X | | | |
| 19 | HA-SB-18-1.0-011524-02 | HA-SB-18 | 01/15/24 | 1255 | Soil | 2 | X | | | | X | | |
| 20 | HA-SB-18-5.0-011524-01 | HA-SB-18 | 01/15/24 | 1250 | Soil | 1 | X | | | X | | | X |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) FA EC | Date: 1-15-24 | Time: 16:52 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

2014-07-01 Revision

168182

eurofins | Environment Testing Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494

For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

# CHAIN-OF-CUSTODY RECORD

DATE: 01/15/24

PAGE: 3 OF 3

LABORATORY CLIENT: Itchy & Aldrich

ADDRESS: 3187 Redhill Ave Suite 155

CITY: Costa Mesa STATE: CA ZIP: 92626

TEL: 714-371-1800 E-MAIL: ctsiaatsiw@hachyaldrich.com

CLIENT PROJECT NAME / NO.: Rosemead - PCB Sampling

P.O. NO.: 209476-003

PROJECT CONTACT: Chris Tsiaatsiw

LAB CONTACT OR QUOTE NO.: S7018392

GLOBAL ID:

LOG CODE:

SAMPLER(S): (PRINT) FA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ STANDARD

EDD:

☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

Please check box or fill in blank as needed.

| LAB USE ONLY | SAMPLE ID | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | Unpreserved | Preserved | Field Filtered | ☐ TPH(g) ☐ GRO | ☐ TPH(d) ☐ DRO | TPH ☐ C6-C36 ☐ C6-C44 | TPH ____ | BTEX / MTBE ☐ 8260 ☐ ____ | VOCs (8260) | Oxygenates (8260) | Prep (5035) ☐ En Core ☐ Terra Core | SVOCs (8270) | Pesticides (8081) | PCBs (8082) | PAHs ☐ 8270 ☐ 8270 SIM | T22 Metals ☐ 6010/747X ☐ 6020/747X | Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6 | Arsenic 6010B | Lead 6010B | TPH-IR8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | HA-SB-21-2.0-011524-01 | 01/15/24 | 1300 | Soil | 1 | X | | | | | | | | | | | | | | | | | X | | | |
| 22 | HA-SB-21-5.0-011524-01 | 01/15/24 | 1302 | Soil | 1 | X | | | | | | | | | | | | | | | | | X | | | |
| 23 | HA-SB-17-2.0-011524-01 | 01/15/24 | 1310 | Soil | 1 | X | | | | | | | | | | | | | | | | | X | | | |
| 24 | HA-SB-22-5.0-011524-01 | 01/15/24 | 1320 | Soil | 1 | X | | | | | | | | | | | | | | | | | X | | | |
| 25 | HA-SB-19-5.0-011524-01 | 01/15/24 | 1338 | Soil | 1 | X | | | | | | | | | | | | | | | | | X | | | |
| 26 | HA-SB-27-2.0-011524-01 | 01/15/24 | 1350 | Soil | 1 | X | | | | | | | | | | | | | | | | | | X | X | |
| 27 | HA-SB-28-1.0-011524-01 | 01/15/24 | 1500 | Soil | 1 | X | | | | | | | | | | | | | | | | | | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature/Affiliation) FG EC |
| | | | Date: 1-15-24 |
| | | | Time: 16:52 |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature/Affiliation) |
| | | | Date: |
| | | | Time: |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature/Affiliation) |
| | | | Date: |
| | | | Time: |

**Eurofins Calscience**
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

16.0 | 16.1 WATER

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: | Lab PM: Patel, Virendra | Carrier Tracking No(s): | COC No: 570-340221.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: | E-Mail: Virendra.Patel@et.eurofinsus.com | State of Origin: California | Page: Page 1 of 1 |
| Company: Eurofins Environment Testing North Centr | | Accreditations Required (See note): NELAP - Oregon; State - California | | Job #: 570-168182-1 |
| Address: 180 S. Van Buren Avenue, , | Due Date Requested: 1/29/2024 | | | |
| City: Barberton | TAT Requested (days): | | | |
| State, Zip: OH, 44203 | | | | |
| Phone: 330-497-9396(Tel) 330-497-0772(Fax) | PO #: | | | |
| Email: | WO #: | | | |
| Project Name: Rosemead Holding, LLC/ 0209476-002 | Project #: 57018332 | | | |
| Site: | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - Di Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

E41

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8082A/3540C Standard PCB List 9 Aroclors | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | |
| SB-13-1.0-011524-01 (570-168182-1) | 1/15/24 | 08:05 Pacific | | Solid | | | X | 1 | |
| SB-13-1.0-011524-01 (570-168182-1MS) | 1/15/24 | 08:05 Pacific | MS | Solid | | | X | 1 | |
| SB-13-1.0-011524-01 (570-168182-1MSD) | 1/15/24 | 08:05 Pacific | MSD | Solid | | | X | 1 | |

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

| Possible Hazard Identification: Unconfirmed | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months |
|---|---|
| Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: | | |
|---|---|---|---|---|---|
| Relinquished by: | Date/Time: 01/17/24 15:01 | Company: EC | Received by: Rochelle Harvey | Date/Time: 01-22-24 1220 | Company: EETNC |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Ver: 06/08/2021

**Eurofins – Cleveland Sample Receipt Form/Narrative** **Login # :** _____
**Barberton Facility**

Client Eurofins Calscience Site Name _____ Cooler unpacked by: Rachelle Hadet

Cooler Received on 1-22-24 Opened on 1-22-24

FedEx: 1st Grd (Exp) UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

**Receipt After-hours**: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam (Plastic Bag) None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 20 (CF +0.4 °C) Observed Cooler Temp. 16.0 °C Corrected Cooler Temp. 16.4 °C

| | | |
|---|---|---|
| 2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 | (Yes) No | **Tests that are not checked for pH by Receiving:** |
| -Were the seals on the outside of the cooler(s) signed & dated? | (Yes) No NA | |
| -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? | Yes (No) | **VOAs** |
| -Were tamper/custody seals intact and uncompromised? | (Yes) No NA | **Oil and Grease** |
| 3. Shippers' packing slip attached to the cooler(s)? | (Yes) No | **TOC** |
| 4. Did custody papers accompany the sample(s)? | (Yes) No | |
| 5. Were the custody papers relinquished & signed in the appropriate place? | (Yes) No | |
| 6. Was/were the person(s) who collected the samples clearly identified on the COC? | Yes (No) | |
| 7. Did all bottles arrive in good condition (Unbroken)? | (Yes) No | |
| 8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? | (Yes) No | |
| 9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)? | | |
| 10. Were correct bottle(s) used for the test(s) indicated? | (Yes) No | |
| 11. Sufficient quantity received to perform indicated analyses? | (Yes) No | |
| 12. Are these work share samples and all listed on the COC? | (Yes) No | |
| If yes, Questions 13-17 have been checked at the originating laboratory. | | |
| 13. Were all preserved sample(s) at the correct pH upon receipt? | Yes No NA | pH Strip Lot# HC316719 |
| 14. Were VOAs on the COC? | Yes No | |
| 15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. | Yes No NA | |
| 16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ | Yes No | |
| 17. Was a LL Hg or Me Hg trip blank present? _____ | Yes No | |

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

**18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES** ☐ additional next page | Samples processed by:

_____

_____

_____

_____

**19. SAMPLE CONDITION**

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

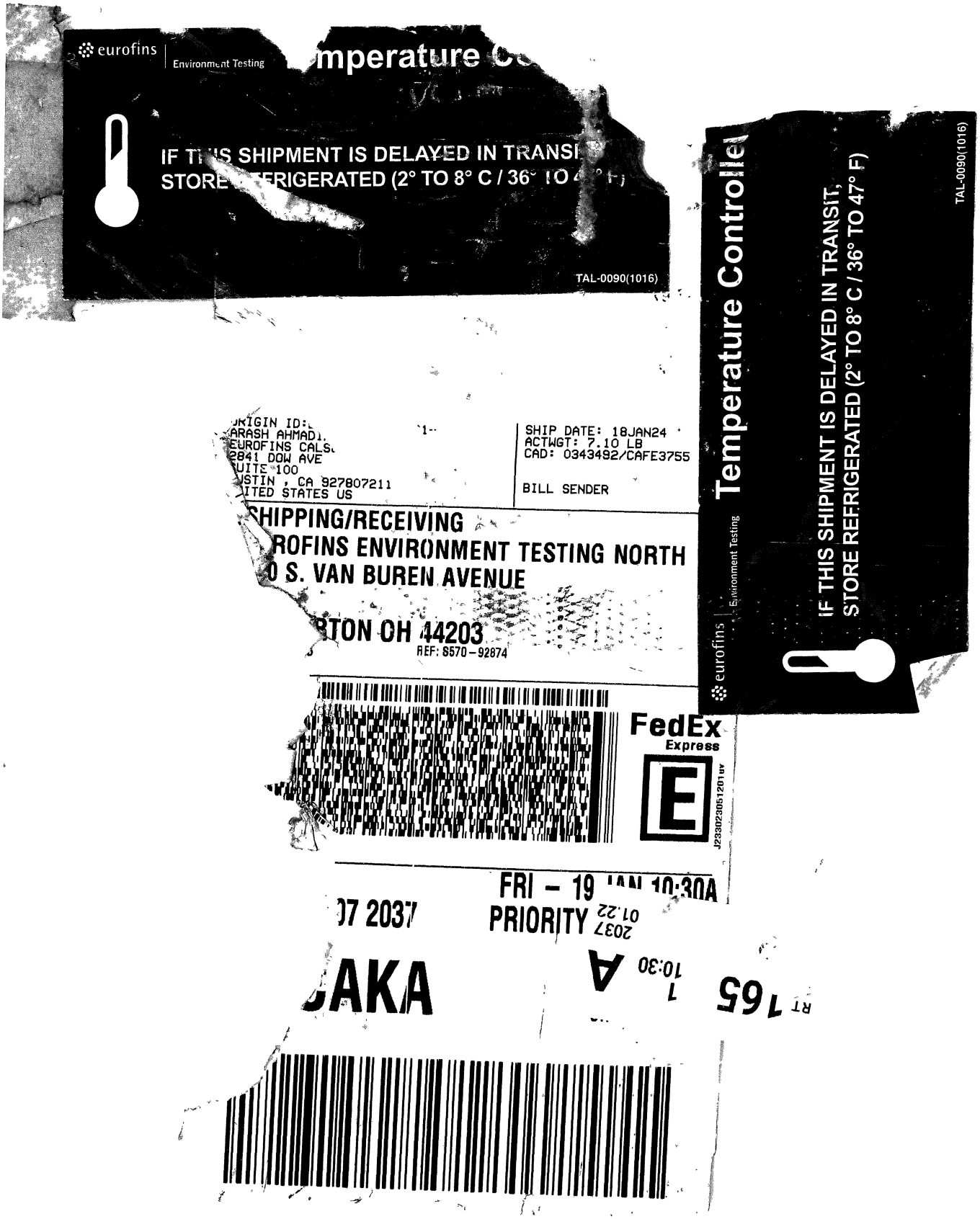
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

**20. SAMPLE PRESERVATION**

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____


eurofins
Environment Testing
IF THIS SHIPMENT IS DELAYED IN TRANSIT,
STORE REFRIGERATED (2° TO 8° C / 36° TO 47° F)
TAL-0090(1016)
Temperature Controlled
eurofins
Environment Testing
IF THIS SHIPMENT IS DELAYED IN TRANSIT,
STORE REFRIGERATED (2° TO 8° C / 36° TO 47° F)
TAL-0090(1016)
ORIGIN ID:
ARASH AHMADI
EUROFINS CALS
2841 DOW AVE
SUITE 100
TUSTIN , CA 927807211
UNITED STATES US
SHIP DATE: 18JAN24
ACTWGT: 7.10 LB
CAD: 0343492/CAFE3755
BILL SENDER
SHIPPING/RECEIVING
EUROFINS ENVIRONMENT TESTING NORTH
0 S. VAN BUREN AVENUE
TON OH 44203
REF: S570-92874
FedEx
Express
J233023051201uv
FRI - 19
PRIORITY
07 2037
AKA
10:30
A
RT 165

**Eurofins Calscience**
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Phone: 714-895-5494

# Chain of Custody Record

10.2/11.1

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: | Lab PM: Patel, Virendra | Carrier Tracking No(s): | COC No. 570-340660.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: | E-Mail: Virendra.Patel@et.eurofinsus.com | State of Origin: California | Page: Page 1 of 1 |
| Company: Eurofins Environment Testing North Centr | | Accreditations Required (See note): NELAP - Oregon; State - California | | Job #: 570-168182-1 |
| Address: 180 S. Van Buren Avenue, , | Due Date Requested: 1/29/2024 | | | |
| City: Barberton | TAT Requested (days): | | | |
| State, Zip: OH, 44203 | | | | |
| Phone: 330-497-9396(Tel) 330-497-0772(Fax) | PO #: | | | |
| Email | WO #: | | | |
| Project Name: Rosemead Holding, LLC/ 0209476-002 | Project #: 57018332 | | | |
| Site: | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

EA1

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8082A/3540C Standard PCB List 9 Aroclors | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | |
| SB-13-2.0-011524-01 (570-168182-2) | 1/15/24 | 08:07 Pacific | | Solid | | | X | 1 | |
| SB-13-3.0-011524-01 (570-168182-3) | 1/15/24 | 08:10 Pacific | | Solid | | | X | 1 | |

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

| ***Possible Hazard Identification*** *Unconfirmed* | ***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months* |
|---|---|
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Rachelle Arreola 1/22/24 1220 ETC

Ver: 06/08/2021

**Eurofins – Cleveland Sample Receipt Form/Narrative** **Login # :** _____
**Barberton Facility**

Client Eurofins CalScience Site Name _____ Cooler unpacked by: Rachelle Haidet

Cooler Received on 1-22-24 Opened on 1-22-24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

**Receipt After-hours**: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 19 (CF +0.6 °C) Observed Cooler Temp. 10.2 °C Corrected Cooler Temp. 11.1 °C

| | | |
|---|---|---|
| 2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 | Yes | No |
| -Were the seals on the outside of the cooler(s) signed & dated? | Yes | No NA |
| -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? | Yes | No |
| -Were tamper/custody seals intact and uncompromised? | Yes | No NA |
| 3. Shippers' packing slip attached to the cooler(s)? | Yes | No |
| 4. Did custody papers accompany the sample(s)? | Yes | No |
| 5. Were the custody papers relinquished & signed in the appropriate place? | Yes | No |
| 6. Was/were the person(s) who collected the samples clearly identified on the COC? | Yes | No |
| 7. Did all bottles arrive in good condition (Unbroken)? | Yes | No |
| 8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? | Yes | No |
| 9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)? | | |
| 10. Were correct bottle(s) used for the test(s) indicated? | Yes | No |
| 11. Sufficient quantity received to perform indicated analyses? | Yes | No |
| 12. Are these work share samples and all listed on the COC? | Yes | No |
| If yes, Questions 13-17 have been checked at the originating laboratory. | | |
| 13. Were all preserved sample(s) at the correct pH upon receipt? | Yes | No NA pH Strip Lot# HC316719 |
| 14. Were VOAs on the COC? | Yes | No |
| 15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. | Yes | No NA |
| 16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ | Yes | No |
| 17. Was a LL Hg or Me Hg trip blank present? _____ | Yes | No |

**Tests that are not checked for pH by Receiving:**

**VOAs**
**Oil and Grease**
**TOC**

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

**18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES** ☐ additional next page

Samples processed by:

_____

_____

_____

_____

**19. SAMPLE CONDITION**

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

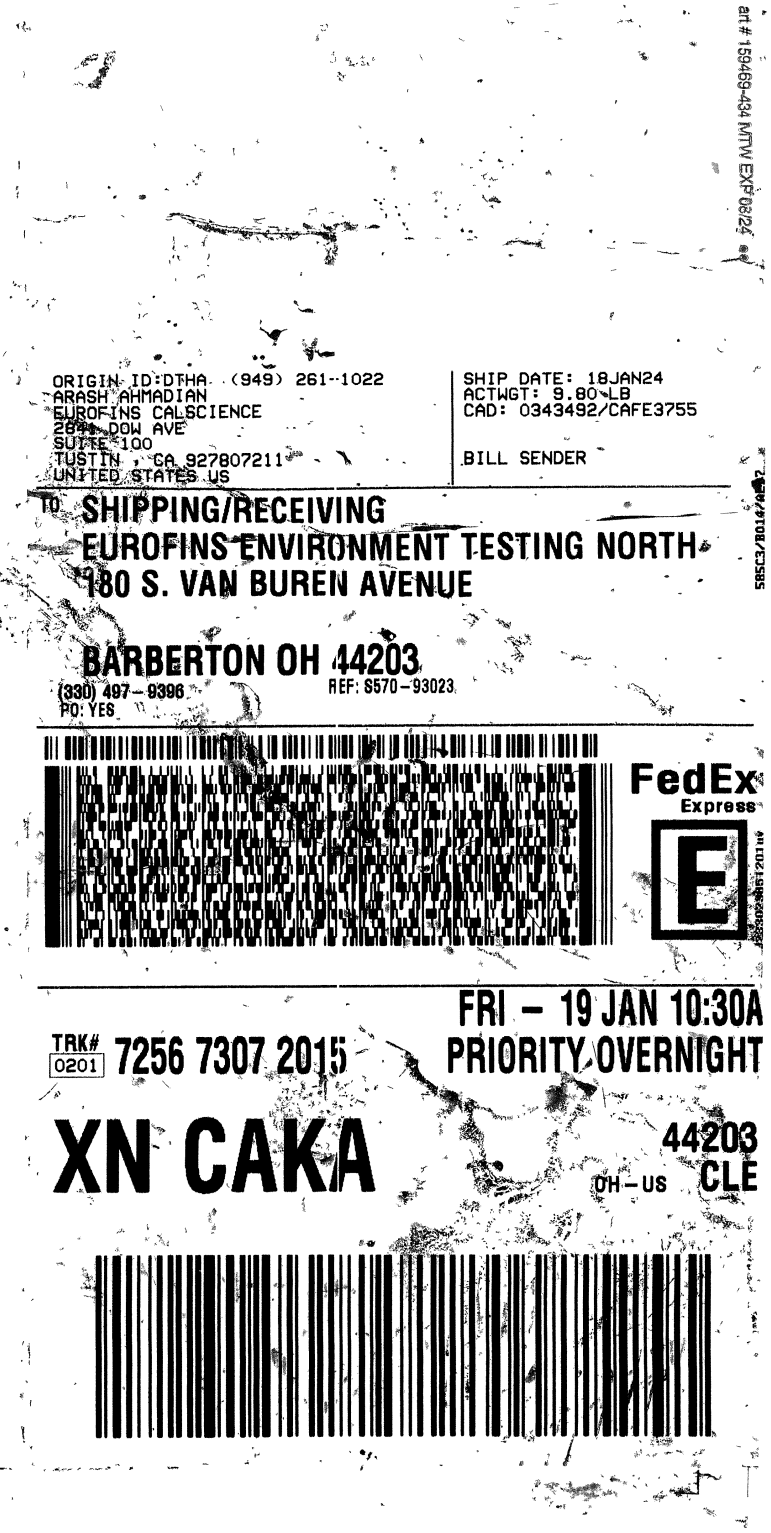
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

**20. SAMPLE PRESERVATION**

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____


ORIGIN ID:DTHA (949) 261-1022
ARASH AHMADIAN
EUROFINS CALSCIENCE
2841 DOW AVE
SUITE 100
TUSTIN , CA 927807211
UNITED STATES US
SHIP DATE: 18JAN24
ACTWGT: 9.80 LB
CAD: 0343492/CAFE3755
BILL SENDER
TO SHIPPING/RECEIVING
EUROFINS ENVIRONMENT TESTING NORTH
180 S. VAN BUREN AVENUE
BARBERTON OH 44203
(330) 497-9396
REF: 6570-93023
PO: YES
FedEx
Express
FRI - 19 JAN 10:30A
PRIORITY OVERNIGHT
TRK# 0201 7256 7307 2015
XN CAKA
44203
OH-US
CLE

# Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-168182-1

**Login Number: 168182**
**List Number: 1**
**Creator: Vitente, Precy**

**List Source: Eurofins Calscience**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

# APPENDIX C
# Data Usability Summary Report

Haley & Aldrich, Inc.
600 South Meyer Ave.
Suite 100
Tucson, AZ 85701
520.289.8621

# Data Usability Summary Report

**Project Name: Rosemead South El Monte**

**Project Description: Soil Samples**

**Sample Date(s): 4 through 15 January 2024**

**Analytical Laboratory: Eurofins Calscience – Tustin, CA**

**Validation Performed by: Raul Tenorio**

**Validation Reviewed by: Katherine Miller**

**Validation Date: 1 February 2024**

---

Haley & Aldrich, Inc. prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for Sample Delivery Group(s) (SDGs) listed. This DUSR is organized into the following sections:

1. **Sample Delivery Group Numbers**
2. **Precision and Accuracy [for SDG(s) above]**
3. **Explanations**
4. **Glossary**
5. **Abbreviations**
6. **Qualifiers**

**References**

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Inorganic Data Review.
- National Functional Guidelines (NFG) for Organic Data Review.

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results found between the MDL and RL are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages.

# 1. Sample Delivery Group Numbers

## 1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG numbers:

- 570-166963-1, dated 17 January 2024;
- 570-167110-1, dated 22 January 2024;
- 570-167861-1, dated 28 January 2024; and
- 570-168182-1, dated 29 January 2024

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols.

Samples were also received appropriately, identified correctly, and analyzed according to the COC.

Analyses were performed on the following samples in Tables 1 and 2.

## 1.2 CASE NARRATIVE

The laboratory report case narrative lists various quality control exceedances (e.g., continuing calibration verification) not evaluated by this review thus, no qualifiers were applied to the reported results.

The laboratory report case narratives included the following issues:

- SDG 570-166963-1, Method SW8082A: The following samples required a tetrabutylammonium sulfite (TBA) cleanup to reduce matrix interferences caused by sulfur: LV-9-2.0-010424-01 (570-166963-12), HA-SB-10-0.5-010424-01 (570-166963-13), HA-SB-07-0.5-010424-01 (570-166963-15), HA-SB-07-1.0-010424-01 (570-166963-16), HA-SB-07-2.0-010424-01 (570-166963-17), HA-SB-06-1.0-010424-01 (570-166963-19), HA-SB-06-2.0-010424-01 (570-166963-20), and HA-SB-05-0.5-010424-01 (570-166963-21).
- SDG 570-167110-1, Method SW8082A: The following samples required a tetrabutylammonium sulfite (TBA) cleanup to reduce matrix interferences caused by sulfur: (570-167861-B-3-A), (570-167861-B-3-B MS), and (570-167861-B-3-C MSD).
- SDG 570-167861-1, Method SW8082A: The following samples required a tetrabutylammonium sulfite (TBA) cleanup to reduce matrix interferences caused by sulfur: HA-SB-01-1.0-011124-01 (570-167861-3), HA-SB-08-1.0-011124-02 (570-167861-6), B-5-7.0--011124-01 (570-167861-7), HA-SB-03-4.0-011124-01 (570-167861-13), HA-SB-05-4.0-011124-01 (570-167861-19), HA-SB-05-3.0-011124-01 (570-167861-20), and HA-SB-05-3.0-011124-02 (570-167861-21), HA-SB-01-1.0-011124-01 (570-167861-3[MS]), and HA-SB-01-1.0-011124-01 (570-167861-3[MSD]).
- SDG 570-167861-1, Method SW8082A: The following sample required a Silica Gel cleanup, via EPA Method 3630C, to reduce matrix interferences: HA-SB-08-1.0-011124-01 (570-167861-5), HA-SB-08-1.0-011124-02 (570-167861-6), HA-SB-05-3.0-011124-01 (570-167861-20), HA-SB-10-4.0-011124-02 (570-167861-32), HA-SB-09-1.0-011124-02 (570-167861-35), LV-8-4.0-011124-01 (570-167861-42), and LV-8-4.0-011124-02 (570-167861-43).

- SDG 570-167861-1, Method SW8082A preparation: A portion of the following sample was used for analysis, rather than testing the entire sample amount in the original container, due to the sample container not being the appropriate size: EB-011124-01 (570-167861-49). As such, the required solvent rinse of the original container could not be performed.

### 1.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol, with the following exceptions:

| Method | Matrix | Holding Time | Preservation | Sample ID, Violation, Qualification |
|---|---|---|---|---|
| SW9045D | Soil | 15 minutes, unpreserved | None | The following samples were analyzed outside the holding time and qualified J: 570-167861-1, -2, -3, -4, -7, -20, -33, -36, -38 |

### 1.4 REPORTING LIMITS AND SAMPLE DILUTIONS

All sample dilutions were reviewed and found to be justified. Dilution of the project samples were required to bring calibration of target analytes within calibration range, matrix interference, foaming at the time of purging, or abundance of non-target analytes.

### 1.5 REPORTING BASIS (WET/DRY)

Refer to Section E 1.1. Soil data in this DUSR were reported on a dry weight basis for method SW8082A. Soil data in this DUSR were reported on a wet weight basis for methods SW6010B, SW7196A, SW8015D, and SW9045D.

Where reported, percent moisture results were reviewed and found to be within limits.

### 1.6 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample were determined to be within the laboratory-specified quality control (QC) limits, with the following exceptions:

| Method | Sample ID | Surrogate | Dilution | %R | Qualification |
|---|---|---|---|---|---|
| 8082A | HA-SB-07-0.5-010424-01 | DCB Decachlorobiphenyl | 10x | 178% | None, dilution > 5x |

## 1.7 LABORATORY CONTROL SAMPLES

Refer to Section E 1.3. Compounds associated with the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses associated with client samples exhibited recoveries and relative percent differences (RPDs) within the specified limits.

## 1.8 MATRIX SPIKE SAMPLES

Refer to Section E 1.4. The sample(s) below were used for matrix spike/matrix spike duplicate (MS/MSD):

| Lab Sample Number | Matrix Spike/Matrix Spike Duplicate Sample Client ID | Method(s) |
|---|---|---|
| 570-166963-1 | HA-SB-13-0.5-010424-01 | SW8082A |
| 570-166963-6 | HA-SB-15-1.0-010424-01 | SW6010B |
| 570-167110-1 | HA-SB-02-0.5-010524-01 | SW8082A |
| 570-167861-9 | B-5-5.0-011124-01 | SW8082A |
| 570-167861-30 | HA-SB-10-3.0-011124-01 | SW8082A |
| 570-167861-33 | HA-SB-09-0.5-011124-01 | SW8082A |
| 570-167861-3 | HA-SB-01-1.0-011124-01 | SW8082A, SW6010B |
| 570-168182-1 | SB-13-1.0-011524-01 | SW8082A |
| 570-168182-14 | LV-15-01-W-5.0-011524-01 | SW6010B |

The MS/MSD recoveries and the relative percent difference (RPD) between the MS and MSD results were within the specified limits, with the following exceptions:

| Sample Type | Method | Parent Sample | Analyte | %R/RPD | Qualifier | Affected Samples |
|---|---|---|---|---|---|---|
| MS/MSD | SW6010B | HA-SB-15-1.0-010424-01 | Lead | 181%/-323% | NA | None, native sample > 4x the spike added |
| MS/MSD | SW8082A | HA-SB-02-0.5-010524-01 | Aroclor-1260 | 7%/41% | J/R | 570-167110-1 |
| MS/MSD | SW8082A | HA-SB-09-0.5-011124-01 | Aroclor-1016 | 87%/41%, RPD=72 | J/None | None, samples are ND |
| MS/MSD | SW8082A | HA-SB-09-0.5-011124-01 | Aroclor-1260 | 104%/42%, RPD=84 | J/None | None, samples are ND |

## 1.9 BLANK SAMPLE ANALYSIS

Refer to Section E 1.5. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred.

The analysis of the blank samples for field quality control was free of target compounds, with the following exceptions:

| Blank Type | Date of Blank | Analyte Detected in Blank | Concentration (µg/L) | Qualifier | Affected Samples |
|---|---|---|---|---|---|
| Equipment blank | 1/11/24 | Aroclor-1254 | 0.57 | RL U | 570-167861-37 |
| Equipment blank | 1/11/24 | Aroclor-1254 | 0.57 | J+ | 570-167861-38 |

## 1.10 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20 percent (or the absolute difference rule was satisfied if detects were less than 5 times the RL).

| Lab Sample Number | Laboratory Duplicate Sample Client ID | Method(s) |
|---|---|---|
| 570-167861-3 | HA-SB-01-1.0-011124-01 | SW9045D |
| 570-167861-33 | HA-SB-09-0.5-011124-01 | SW9045D |

The following sample(s) were used for field duplicate analysis. RPDs were all below 50 percent for soil (or the absolute difference rule was satisfied if detects were less than 5 times the RL). Any exceptions are noted below and qualified.

| Primary Sample ID | Duplicate Sample ID | Method(s) |
|---|---|---|
| HA-SB-05-3.0-011124-01 | HA-SB-05-3.0-011124-02 | EPA 8082A |
| HA-SB-08-1.0-011124-01 | HA-SB-08-1.0-011124-02 | EPA 8082A |
| HA-SB-09-1.0-011124-01 | HA-SB-09-1.0-011124-02 | EPA 8082A |
| LV-8-4.0-011124-01 | LV-8-4.0-011124-02 | EPA 8082A |
| SB-14-3.0-011124-01 | SB-14-3.0-011124-02 | EPA 8082A |
| HA-SB-24-2.0-011524-01 | HA-SB-24-2.0-011524-02 | EPA 6010B |
| HA-SB-29-1.0-011524-01 | HA-SB-29-1.0-011524-02 | EPA 6010B |
| B-5-7.0--011124-01 | B-5-7.0--011124-02 | EPA 8082A |
| HA-SB-10-2.0-011124-01 | HA-SB-10-2.0-011124-02 | EPA 8082A |
| HA-SB-10-4.0-011124-01 | HA-SB-10-4.0-011124-02 | EPA 8082A |

**Field Duplicate RPD Calculations:**

| Method | Analyte | Units | Primary Sample ID | Duplicate Sample ID | % RPD | Qualification |
|---|---|---|---|---|---|---|
| | | | HA-SB-08-1.0-011124-01 | HA-SB-08-1.0-011124-02 | | |
| SW8082A | Aroclor-1254 (PCB-1254) | µg/kg | 2,900 | 7,800 | NA | J/UJ, Abs. Diff. > RL |

| Method | Analyte | Units | Primary Sample ID | Duplicate Sample ID | % RPD | Qualification |
|---|---|---|---|---|---|---|
| | | | HA-SB-24-2.0-011524-01 | HA-SB-24-2.0-011524-02 | | |
| SW6010B | Lead | mg/kg | 146 | 443 | 101 | J/UJ, RPD>50 |
| **Method** | **Analyte** | **Units** | **Primary Sample ID** | **Duplicate Sample ID** | **% RPD** | **Qualification** |
| | | | **HA-SB-29-1.0-011524-01** | **HA-SB-29-1.0-011524-02** | | |
| SW6010B | Lead | mg/kg | 48.6 | 8.98 | NA | J/UJ, Abs. Diff. > RL |

## 1.11 CONFIRMATION COLUMN REVIEW

Refer to Section E 1.8. All relative percent differences (RPDs) were within control limits, with the following exceptions:

| Method | Analyte | Sample | RPD | Action |
|---|---|---|---|---|
| SW8082A | Aroclor-1254 | 570-166963-13 | > 40% | Qualify data estimated J/UJ |

## 1.12 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable, as no data was rejected. A summary of qualifiers applied to this dataset is shown in Table 3.

## 2. Precision and Accuracy [for SDG(s) above]

Refer to Section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

## 3. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.1 Reporting Basis (Wet/Dry)
  - Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations were made to compensate for the moisture content of the soil sample.
  - Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have greater than or equal to 30 percent solids to be appropriately quantified.
- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determining the efficiency of the extraction procedure by evaluating the percent recovery (%R) of the compounds.
- E 1.3 Laboratory Control Samples
  - The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.4 Matrix Spike Samples
  - Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
  - For inorganic methods, when a matrix spike recovery falls outside of the control limits and the sample result is less than four times the spike added, a post-digestion spike (PDS) is performed.
- E 1.5 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.

- The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The relative percent difference (RPD) or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.

- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the relative percent difference (RPD) found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the percent recovery (%R) of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.
- E 1.8 Confirmation Column Review
  - When analyzing for pesticides and polychlorinated biphenyls (PCBs), compound identification based on single-column analysis should be confirmed on a second column or supported by at least one other qualitative technique. When confirmed on a second column, the relative percent difference (RPD) should not exceed 40 percent.

# 4. Glossary

Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - µg/kg micrograms per kilogram
  - µg/L micrograms per liter
  - µg/$m^3$ micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppb v/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - QW Water Quality
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - WQ Water Quality control matrix
  - WS Surface Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)

- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

# 5. Abbreviations

| | |
|---|---|
| %D | Percent Difference |
| %R | Percent Recovery |
| %RSD | Percent Relative Standard Deviation |
| %v/v | Percent volume by volume |
| 2s | 2 sigma |
| 4,4-DDT | 4 4-dichlorodiphenyltrichloroethane |
| Abs Diff | Absolute Difference |
| amu | atomic mass unit |
| BPJ | Best Professional Judgement |
| BS | Blank Spike |
| CCB | Continuing Calibration Blank |
| CCV | Continuing Calibration Verification |
| CCVL | Continuing Calibration Verification Low |
| COC | Chain of Custody |
| COM | Combined Isotope Calculation |
| Cr (VI) | Hexavalent Chromium |
| CRI | Collision Reaction Interface |
| DoD | Department of Defense |
| DQO | data quality objective |
| DUSR | Data Usability Summary Report |
| EIS | Extraction Internal Standard |
| EMPC | Estimated Maximum Possible Concentration |
| FBK | Field Blank Contamination |
| FDP | Field Duplicate |
| GC | Gas Chromatograph |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| GPC | Gel Permeation Chromatography |
| $H_2$ | Hydrogen gas |
| HCl | Hydrochloric Acid |
| ICAL | Initial Calibration |
| ICB | Initial Calibration Blank |
| ICP/MS | Inductively Coupled Plasma/Mass Spectrometry |
| ICV | Initial Calibration Verification |
| ICVL | Initial Calibration Verification Low |
| IPA | Isopropyl Alcohol |
| LC | Laboratory Control |
| LCS/LCSD | Laboratory Control Sample/Laboratory Control Sample Duplicate |
| MBK | Method Blank Contamination |
| MDC | Minimum Detectable Concentration |
| MDL | Laboratory Method Detection Limit |
| MS/MSD | Matrix Spike/Matrix Spike Duplicate |
| NA | not applicable |
| ND | Non-Detect |
| NFG | National Functional Guidelines |
| $NH_3$ | Ammonia |
| NYSDEC | New York State Department of Environmental Conservation |
| PAH | Polycyclic Aromatic Hydrocarbon |
| PCB | Polychlorinated Biphenyl |
| PDS | Post-Digestion Spike |
| PEM | Performance Evaluation Mixture |
| PFAS | Per- and Polyfluoroalkyl Substances |
| PFBA | Perfluorbutanoic Acid |
| PFD | Perfluorodecalin |
| PFOA | Perfluorooctanoic Acid |
| PFOS | Perfluorooctane sulfonate |
| PFPeA | Perfluoropentanoic Acid |
| QAPP | Quality Assurance Project Plan |
| QC | Quality Control |
| QSM | Quality Systems Manual |
| $R^2$ | R-squared value |
| Ra-226 | Radium-226 |
| Ra-228 | Radium-228 |
| RESC | Resolution Check Measure |
| RL | Laboratory Reporting Limit |
| RPD | Relative Percent Difference |
| RRF | Relative Response Factor |
| RT | Retention Time |
| SAP | Sampling Analysis Plan |
| SDG | Sample Delivery Group |
| SIM | Selected ion monitoring |
| SOP | Standard Operating Procedure |
| SPE | Solid-Phase Extraction |
| SVOC | Semi-Volatile Organic Compound |
| TCLP | Toxicity Characteristic Leaching Procedure |
| TIC | Tentatively Identified Compound |
| TKN | Total Kjeldahl Nitrogen |
| TPH | Total Petroleum Hydrocarbon |
| TPU | Total Propagated Uncertainty |
| USEPA | U.S. Environmental Protection Agency |
| VOC | Volatile Organic Compound |
| WP | Work Plan |

# 6. Qualifiers

The qualifiers below are from the USEPA National Functional Guidelines and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND".

  B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E The compound was quantitated above the calibration range.

  D The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ The result is an estimated quantity, but the result may be biased high.

  J- The result is an estimated quantity, but the result may be biased low.

  J/UJ as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ The compound was not detected above the reported sample quantitation limit; however, the reported limit is estimated and may or may not represent the actual limit of quantitation.

  NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S Result is suspect. See DUSR for details.

## References


1. United States Environmental Protection Agency, 2020a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA-542-R-20-006. November.
2. United States Environmental Protection Agency, 2020b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.


Attachments:

Table 1 – Sample Management
Table 2 – Method Holding Times
Table 3 – System Performance Summary

# TABLES

**TABLE 1**
**SAMPLE MANAGEMENT**
**ROSEMEAD SOUTH EL MONTE**

| Sample ID | Sample Type | Lab ID | Sample Date | Matrix | Methods |
|---|---|---|---|---|---|
| HA-SB-13-0.5-010424-01 | N | 570-166963-1 | 1/4/2024 | SO | A |
| HA-SB-13-1.0-010424-01 | N | 570-166963-2 | 1/4/2024 | SO | A |
| HA-SB-14-0.5-010424-01 | N | 570-166963-3 | 1/4/2024 | SO | A |
| HA-SB-14-1.0-010424-01 | N | 570-166963-4 | 1/4/2024 | SO | A |
| HA-SB-15-0.5-010424-01 | N | 570-166963-5 | 1/4/2024 | SO | A |
| HA-SB-15-1.0-010424-01 | N | 570-166963-6 | 1/4/2024 | SO | A, B |
| HA-SB-12-0.5-010424-01 | N | 570-166963-7 | 1/4/2024 | SO | A |
| HA-SB-12-1.0-010424-01 | N | 570-166963-8 | 1/4/2024 | SO | A |
| HA-SB-12-2.0-010424-01 | N | 570-166963-9 | 1/4/2024 | SO | A |
| HA-SB-12-3.0-010424-01 | N | 570-166963-10 | 1/4/2024 | SO | A |
| LV-9-1.0-010424-01 | N | 570-166963-11 | 1/4/2024 | SO | A |
| LV-9-2.0-010424-01 | N | 570-166963-12 | 1/4/2024 | SO | A |
| HA-SB-10-0.5-010424-01 | N | 570-166963-13 | 1/4/2024 | SO | A |
| HA-SB-11-0.5-010424-01 | N | 570-166963-14 | 1/4/2024 | SO | A |
| HA-SB-07-0.5-010424-01 | N | 570-166963-15 | 1/4/2024 | SO | A |
| HA-SB-07-1.0-010424-01 | N | 570-166963-16 | 1/4/2024 | SO | A |
| HA-SB-07-2.0-010424-01 | N | 570-166963-17 | 1/4/2024 | SO | A |
| HA-SB-06-0.5-010424-01 | N | 570-166963-18 | 1/4/2024 | SO | A |
| HA-SB-06-1.0-010424-01 | N | 570-166963-19 | 1/4/2024 | SO | A |
| HA-SB-06-2.0-010424-01 | N | 570-166963-20 | 1/4/2024 | SO | A |
| HA-SB-05-0.5-010424-01 | N | 570-166963-21 | 1/4/2024 | SO | A |
| HA-SB-13-2.0-010424-01 | N | 570-166963-22 | 1/4/2024 | SO | A |
| HA-SB-02-0.5-010524-01 | N | 570-167110-1 | 1/5/2024 | SO | A |
| HA-SB-04-1.0-010524-01 | N | 570-167110-2 | 1/5/2024 | SO | A |
| HA-SB-04-0.5-010524-01 | N | 570-167110-3 | 1/5/2024 | SO | A |
| HA-SB-03-0.5-010524-01 | N | 570-167110-4 | 1/5/2024 | SO | A |
| HA-SB-01-0.5-010524-01 | N | 570-167110-5 | 1/5/2024 | SO | A |
| HA-SB-02-1.0-010524-01 | N | 570-167110-6 | 1/5/2024 | SO | A |
| HA-SB-13-2.0-010524-01 | N | 570-167110-7 | 1/5/2024 | SO | A |
| HA-SB-13-4.0-010524-01 | N | 570-167110-8 | 1/5/2024 | SO | A |
| HA-SB-13-3.0-010524-01 | N | 570-167110-9 | 1/5/2024 | SO | A |
| HA-SB-13-5.0-010524-01 | N | 570-167110-10 | 1/5/2024 | SO | A |
| HA-SB-11-1.0-010524-01 | N | 570-167110-11 | 1/5/2024 | SO | A |
| HA-SB-11-2.0-010524-01 | N | 570-167110-12 | 1/5/2024 | SO | A |
| HA-SB-11-3.0-010524-01 | N | 570-167110-13 | 1/5/2024 | SO | A |
| HA-SB-11-4.0-010524-01 | N | 570-167110-14 | 1/5/2024 | SO | A |
| HA-SB-01-3.0-011124-01 | N | 570-167861-1 | 1/11/2024 | SO | A, C |
| HA-SB-01-2.0-011124-01 | N | 570-167861-2 | 1/11/2024 | SO | A, B, C |
| HA-SB-01-1.0-011124-01 | N | 570-167861-3 | 1/11/2024 | SO | A, B, C |
| HA-SB-01-4.0-011124-01 | N | 570-167861-4 | 1/11/2024 | SO | A, C |
| HA-SB-08-1.0-011124-01 | N | 570-167861-5 | 1/11/2024 | SO | A |
| HA-SB-08-1.0-011124-02 | FD | 570-167861-6 | 1/11/2024 | SO | A |
| B-5-7.0--011124-01 | N | 570-167861-7 | 1/11/2024 | SO | A, C |
| B-5-7.0--011124-02 | FD | 570-167861-8 | 1/11/2024 | SO | A |
| B-5-5.0-011124-01 | N | 570-167861-9 | 1/11/2024 | SO | A |
| B-5-6.0-011124-01 | N | 570-167861-10 | 1/11/2024 | SO | A |
| HA-SB-03-1.0-011124-01 | N | 570-167861-11 | 1/11/2024 | SO | A |
| HA-SB-03-2.0-011124-01 | N | 570-167861-12 | 1/11/2024 | SO | A |
| HA-SB-03-4.0-011124-01 | N | 570-167861-13 | 1/11/2024 | SO | A |

| | | | | | |
|---|---|---|---|---|---|
| HA-SB-03-3.0-011124-01 | N | 570-167861-14 | 1/11/2024 | SO | A |
| SB-11-3.0-011124-01 | N | 570-167861-15 | 1/11/2024 | SO | A |
| SB-11-4.0-011124-01 | N | 570-167861-16 | 1/11/2024 | SO | A |
| HA-SB-05-1.0-011124-01 | N | 570-167861-17 | 1/11/2024 | SO | A |
| HA-SB-05-2.0-011124-01 | N | 570-167861-18 | 1/11/2024 | SO | A |
| HA-SB-05-4.0-011124-01 | N | 570-167861-19 | 1/11/2024 | SO | A |
| HA-SB-05-3.0-011124-01 | N | 570-167861-20 | 1/11/2024 | SO | A, C |
| HA-SB-05-3.0-011124-02 | FD | 570-167861-21 | 1/11/2024 | SO | A |
| SB-16-3.0-011124-01 | N | 570-167861-22 | 1/11/2024 | SO | A |
| SB-16-4.0-011124-01 | N | 570-167861-23 | 1/11/2024 | SO | A |
| SB-14-3.0-011124-01 | N | 570-167861-24 | 1/11/2024 | SO | A |
| SB-14-3.0-011124-02 | FD | 570-167861-25 | 1/11/2024 | SO | A |
| SB-14-4.0-011124-01 | N | 570-167861-26 | 1/11/2024 | SO | A |
| HA-SB-10-1.0-011124-01 | N | 570-167861-27 | 1/11/2024 | SO | A |
| HA-SB-10-2.0-011124-01 | N | 570-167861-28 | 1/11/2024 | SO | A |
| HA-SB-10-2.0-011124-02 | FD | 570-167861-29 | 1/11/2024 | SO | A |
| HA-SB-10-3.0-011124-01 | N | 570-167861-30 | 1/11/2024 | SO | A |
| HA-SB-10-4.0-011124-01 | N | 570-167861-31 | 1/11/2024 | SO | A |
| HA-SB-10-4.0-011124-02 | FD | 570-167861-32 | 1/11/2024 | SO | A |
| HA-SB-09-0.5-011124-01 | N | 570-167861-33 | 1/11/2024 | SO | A, C |
| HA-SB-09-1.0-011124-01 | N | 570-167861-34 | 1/11/2024 | SO | A |
| HA-SB-09-1.0-011124-02 | FD | 570-167861-35 | 1/11/2024 | SO | A |
| HA-SB-09-2.0-011124-01 | N | 570-167861-36 | 1/11/2024 | SO | A, C |
| HA-SB-09-3.0-011124-01 | N | 570-167861-37 | 1/11/2024 | SO | A |
| HA-SB-09-4.0-011124-01 | N | 570-167861-38 | 1/11/2024 | SO | A, C |
| LV-10-2.0-011124-01 | N | 570-167861-39 | 1/11/2024 | SO | A |
| LV-10-3.0-011124-01 | N | 570-167861-40 | 1/11/2024 | SO | A |
| LV-10-4.0-011124-01 | N | 570-167861-41 | 1/11/2024 | SO | A |
| LV-8-4.0-011124-01 | N | 570-167861-42 | 1/11/2024 | SO | A |
| LV-8-4.0-011124-02 | FD | 570-167861-43 | 1/11/2024 | SO | A |
| LV-15-02-E-1.0-011124-01 | N | 570-167861-44 | 1/11/2024 | SO | B, D |
| LV-15-02-E-5.0-011124-01 | N | 570-167861-45 | 1/11/2024 | SO | B |
| LV-15-02-E-7.5-011124-01 | N | 570-167861-46 | 1/11/2024 | SO | B |
| LV-15-03-S-5.0-011124-01 | N | 570-167861-47 | 1/11/2024 | SO | B |
| LV-15-03-S-7.5-011124-01 | N | 570-167861-48 | 1/11/2024 | SO | B |
| EB-011124-01 | EB | 570-167861-49 | 1/11/2024 | WG | A |
| SB-13-1.0-011524-01 | N | 570-168182-1 | 1/15/2024 | SO | A |
| SB-13-2.0-011524-01 | N | 570-168182-2 | 1/15/2024 | SO | A |
| SB-13-3.0-011524-01 | N | 570-168182-3 | 1/15/2024 | SO | A |
| HA-SB-26-2.0-011524-01 | N | 570-168182-4 | 1/15/2024 | SO | B |
| HA-SB-29-1.0-011524-01 | N | 570-168182-5 | 1/15/2024 | SO | B |
| HA-SB-24-2.0-011524-01 | N | 570-168182-6 | 1/15/2024 | SO | B |
| HA-SB-24-2.0-011524-02 | FD | 570-168182-7 | 1/15/2024 | SO | B |
| HA-SB-29-1.0-011524-02 | FD | 570-168182-8 | 1/15/2024 | SO | B |
| HA-SB-25-2.0-011524-01 | N | 570-168182-9 | 1/15/2024 | SO | B |
| HA-SB-23-1.0-011524-01 | N | 570-168182-10 | 1/15/2024 | SO | B |
| HA-SB-23-2.0-011524-01 | N | 570-168182-11 | 1/15/2024 | SO | B |
| LV-15-01-N-5.0-011524-01 | N | 570-168182-12 | 1/15/2024 | SO | B |
| LV-15-01-N-7.5-011524-01 | N | 570-168182-13 | 1/15/2024 | SO | B |
| LV-15-01-W-5.0-011524-01 | N | 570-168182-14 | 1/15/2024 | SO | B |
| LV-15-01-W-7-5-011524-01 | N | 570-168182-15 | 1/15/2024 | SO | B |

| | | | | | |
|---|---|---|---|---|---|
| HA-SB-20-2.5-011524-01 | N | 570-168182-16 | 1/15/2024 | SO | B |
| HA-SB-16-1.0-011524-01 | N | 570-168182-17 | 1/15/2024 | SO | B, D |
| HA-SB-11-5.0-011524-01 | N | 570-168182-18 | 1/15/2024 | SO | B |
| HA-SB-18-1.0-011524-01 | N | 570-168182-19 | 1/15/2024 | SO | B |
| HA-SB-18-5.0-011524-01 | N | 570-168182-20 | 1/15/2024 | SO | B, E |
| HA-SB-21-2.0-011524-01 | N | 570-168182-21 | 1/15/2024 | SO | B |
| HA-SB-21-5.0-011524-01 | N | 570-168182-22 | 1/15/2024 | SO | B |
| HA-SB-17-2.0-011524-01 | N | 570-168182-23 | 1/15/2024 | SO | B |
| HA-SB-22-5.0-011524-01 | N | 570-168182-24 | 1/15/2024 | SO | B |
| HA-SB-19-5.0-011524-01 | N | 570-168182-25 | 1/15/2024 | SO | B |
| HA-SB-27-2.0-011524-01 | N | 570-168182-26 | 1/15/2024 | SO | B, E |
| HA-SB-28-1.0-011524-01 | N | 570-168182-27 | 1/15/2024 | SO | B |

**TABLE 2**
**METHOD HOLDING TIMES**
**ROSEMEAD SOUTH EL MONTE**

| **Method Holding Times** | | | |
|---|---|---|---|
| A. | SW8082A | PCBS | 14 days extraction / 40 days analysis for solid, unpreserved |
| B. | SW6010B | Metals (by Optical Emission Spectrometry) | 180 days for solid unpreserved |
| C. | SW9045D | SOIL PH | 15 minutes, unpreserved |
| D. | SW7196A | Hexavalent Chromium [Colorimetric] | 30 days extraction / 24 hours analysis for solid, unpreserved |
| E. | SW8015D | Total Petroleum Hydrocarbons (TPH-DRO, MO) | 14 days extraction / 40 days analysis for solid, unpreserved |

**TABLE 3**
**SYSTEM PERFORMANCE SUMMARY**
**ROSEMEAD SOUTH EL MONTE**

| SDG | Method | Basis | Sample ID | Lab ID | Analyte | Fraction | Reportable Result | Reported Result | Validated Result | Reason for Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| 5701678611 | SW8082A | NA | HA-SB-09-3.0-011124-01 | 570-167861-37 | Aroclor-1254 (PCB-1254) | N | Yes | 570 J | 640.0 U | EBK |
| 5701678611 | SW8082A | NA | HA-SB-09-4.0-011124-01 | 570-167861-38 | Aroclor-1254 (PCB-1254) | N | Yes | 970 | 970 J+ | EBK |
| 5701678611 | SW8082A | NA | HA-SB-08-1.0-011124-01 | 570-167861-5 | Aroclor-1254 (PCB-1254) | N | Yes | 2900 | 2900 J | FDP |
| 5701678611 | SW8082A | NA | HA-SB-08-1.0-011124-02 | 570-167861-6 | Aroclor-1254 (PCB-1254) | N | Yes | 7800 | 7800 J | FDP |
| 5701681821 | SW6010B | Wet | HA-SB-24-2.0-011524-01 | 570-168182-6 | Lead | N | Yes | 146 | 146 J | FDP |
| 5701681821 | SW6010B | Wet | HA-SB-24-2.0-011524-02 | 570-168182-7 | Lead | N | Yes | 443 | 443 J | FDP |
| 5701681821 | SW6010B | Wet | HA-SB-29-1.0-011524-01 | 570-168182-5 | Lead | N | Yes | 48.6 | 48.6 J | FDP |
| 5701681821 | SW6010B | Wet | HA-SB-29-1.0-011524-02 | 570-168182-8 | Lead | N | Yes | 8.98 | 8.98 J | FDP |
| 5701678611 | SW9045D | Wet | B-5-7.0--011124-01 | 570-167861-7 | pH (lab) | N | Yes | 8.9 | 8.9 J | HTQ |
| 5701678611 | SW9045D | Wet | HA-SB-01-1.0-011124-01 | 570-167861-3 | pH (lab) | N | Yes | 8.9 | 8.9 J | HTQ |
| 5701678611 | SW9045D | Wet | HA-SB-01-2.0-011124-01 | 570-167861-2 | pH (lab) | N | Yes | 8 | 8 J | HTQ |
| 5701678611 | SW9045D | Wet | HA-SB-01-3.0-011124-01 | 570-167861-1 | pH (lab) | N | Yes | 7.9 | 7.9 J | HTQ |
| 5701678611 | SW9045D | Wet | HA-SB-01-4.0-011124-01 | 570-167861-4 | pH (lab) | N | Yes | 8.5 | 8.5 J | HTQ |
| 5701678611 | SW9045D | Wet | HA-SB-05-3.0-011124-01 | 570-167861-20 | pH (lab) | N | Yes | 8.3 | 8.3 J | HTQ |
| 5701678611 | SW9045D | Wet | HA-SB-09-0.5-011124-01 | 570-167861-33 | pH (lab) | N | Yes | 8.2 | 8.2 J | HTQ |
| 5701678611 | SW9045D | Wet | HA-SB-09-2.0-011124-01 | 570-167861-36 | pH (lab) | N | Yes | 8.4 | 8.4 J | HTQ |
| 5701678611 | SW9045D | Wet | HA-SB-09-4.0-011124-01 | 570-167861-38 | pH (lab) | N | Yes | 11.3 | 11.3 J | HTQ |
| 5701671101 | SW8082A | NA | HA-SB-02-0.5-010524-01 | 570-167110-1 | Aroclor-1260 (PCB-1260) | N | Yes | 12000 | 12000 J | MSD |
| 5701669631 | SW8082A | NA | HA-SB-10-0.5-010424-01 | 570-166963-13 | Aroclor-1254 (PCB-1254) | N | Yes | 6100 | 6100 J | RPD |

***Notes:***

*EBK = Equipment blank contamination.*

*FDP = Field duplicate qualifier due to an exceedance of the specified limits.*

*HTQ = Holding time exceedance.*

*MSD = Matrix spike/matrix spike duplicate percent recoveries or relative percent difference were outside the specified limits.*

*RPD = Pesticides and PCB confirmation column RPD Exceeded; or MSD/LCS RPD exceedance.*

*J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.*

*J+ = The result is an estimated quantity, but the result may be biased high.*

*U = The compound was analyzed for but not detected.*

# APPENDIX D
# Soil Investigation Field Reports

HALEY ALDRICH

# DAILY FIELD REPORT

Page of

| | | | |
|---|---|---|---|
| PROJECT | Rosemead - PCBs sampling | H&A FILE NO. | |
| LOCATION | 7200 Rosemead BLVD | PROJECT MGR | Chris T. |
| CLIENT | | REPORT NO. | |
| CONTRACTOR | JHA | DATE | 01/04/2024 |
| WEATHER | Clear/Sunny | TEMPERATURE | |

0700 - Arrived onsite (HA)
- Arrived onsite (JHA)
0715 - Health and Safety + Scope of work
0730 - Use site keys and gps to mark out sampling locations
0800 - Mark out of sampling locations complete using spray paint
- Directed JHA to start coring through asphalt/concrete.
0830 - HASB-01 JHA began to hand auger
- Paved; hit concrete. Moved to LV-10 (2, 3, 4 ft bgs) Hand auger
0845 - HA-SB-13; JHA began to hand auger (0.5, 1, 2, 3, 4 ft bgs)
- Refusal at 1.5 ft bgs
0900 - HA-SB-14; JHA began to hand auger (1 ft bgs) & (0.5 ft bgs) ✓
0930 - HA-SB-15; JHA began to hand auger (0.5 ft bgs, 1 ft bgs) ✓
1000 - HA-SB-12; JHA began to hand auger (0.5, 1, 2, 3 ft bgs) ✓
1010 - HA-LV-9; JHA began to hand auger (1, 2 ft bgs) ✓
1030 - HA-[illegible]; JHA began to hand auger (2, 3, 4, 0.5, 1 ft bgs)
- Refusal at 1 ft bgs
1100 - HA-SB-07; JHA began to hand auger (0.5, 1, 2 ft bgs) ✓
1130 - JHA went to lunch.
1200 - HA-SB-06; JHA began to hand auger (0.5, 1, 2 ft bgs) ✓
1230 - HA-SB-16; JHA began to hand auger (3, 4 ft bgs)
1240 - ~~Refusal~~ Refusal at 1 ft bgs.
- HA-SB-05; JHA began to hand auger (0.5, 1, 2, 3, 4 ft bgs)
1250 - Refusal at 1 ft bgs
1300 - HA-LV-8; JHA began to hand auger (4 ft bgs)
- ~~HA-BS~~ Refusal at 1 ft bgs. • Dup samples collected at 1 foot.
- HA-BS; JHA began to hand auger (5, 6, 7 ft bgs)
- Refusal at 3 ft bgs
1310 - HA-SB-08; JHA began to hand auger (0.5, 1 ft bgs)
1320 - Refusal at 1 ft bgs
1330 - Backfilling
1400 - JHA cleaned and left the site
1430 - Eurofins picked up samples; left the site

| Field Representative(s) | Time on site | Report/Travel/Other | Total hours |
|---|---|---|---|
| | | | |
| | | | |

Distribution:

Haley & Aldrich, Inc.

Form 4004

HALEY ALDRICH

# DAILY FIELD REPORT

Page of

| | | | |
|---|---|---|---|
| PROJECT | Rosemead - PCB Sampling | H&A FILE NO. | |
| LOCATION | 2200 Rosemead Blvd. | PROJECT MGR. | Christ |
| CLIENT | JHA | REPORT NO. | |
| CONTRACTOR | | DATE | 01/05/24 |
| WEATHER | Sunny/Clear skies | TEMPERATURE | |

0700 - H&A and JHA arrived onsite.
0730 - Health and Safety + Scope of Work
- JHA setting up equipment
0800 - JHA hand augering at HA-SB-04 (0.5, 1 ft bgs) ✓
0810 - JHA hand augering at HA-SB-02 (0.5, 1 ft bgs) ✓
0830 - JHA hand augering HA-SB-01 (0.5, 1, 2, 3, 4 ft bgs)
- Refusal at ~1 ft bgs.
0840 - JHA hand auger at SB-13 (1, 2, 3 ft bgs)
- Refusal at ~0.6 inches
0930 - JHA hand auger at SB-11 (3, 4 ft bgs)
- Refusal at ~0.6 inches
0945 - JHA hand auger at HA-SB-03 (0.5, 1, 2, 3, 4 ft bgs)
- Refusal at ~0.6 inches.
1010 - JHA hand auger at SB-14 (3, 4 ft bgs)
- Refusal at ~1.0 ft.
1040 - Jay arrived onsite to transfer equipment
1100 - JHA went to lunch; Jay left the site.
1200 - JHA returned to site
1210 - JHA hand augering at HA-SB-08 (0.5, 1 ft bgs) No samples taken
- Reached 1 ft bgs, however it is only composed of brick and stones.
1230 - JHA hand augering at HA-SB-13 (2, 3, 4 ft bgs. • Resuming from 01/04/24
1315 - JHA hand augering at HA-SB-11 (1, 2, 3, 4 ft bgs) - Stopped at 2 ft
- Stopped at 2 ft • Resuming from 01/04/24
1400 - JHA left the site after cleaning up
1430 - Eurofins picked up samples; left the site

| Field Representative(s) | Time on site | Report/Travel/Other | Total hours |
|---|---|---|---|
| | | | |
| | | | |

Distribution:

Haley & Aldrich, Inc

Form 4004

HALEY ALDRICH

# DAILY FIELD REPORT

Page 1 of

| | | | |
|---|---|---|---|
| PROJECT | PCB-Soil Sampling Rosemead | H&A FILE NO. | |
| LOCATION | 2200 Rosemead | PROJECT MGR. | Christ |
| CLIENT | | REPORT NO. | |
| CONTRACTOR | Geophysical & JHA | DATE | 01/11/19 |
| WEATHER | Windy/Clear | TEMPERATURE | |

0600 - Arrived onsite
0630 - JHA and Geophysical arrived onsite (JHA held by Geophysical staff)
- Health and safety + Scope of work.
0700 - Walked the site with Geophysical to mark to match the field points
0745 - Geophysical has no clearance on the locations
0800 - JHA began at SB-13
- One staff left off-site to get copies for the samples
- Stepped out from SB-13. First sample at original location was full of heterogeneous backfillings
0870 - Stepped out again at SB-13. First step at location JHA were unable to reach total depth. Obstruction preventing to reach total depth at ~1.5ft bgs.
0840 - Moved to HA-SB-01 Sample line collected at 0840
0900 - Moved to HA-SB-08 Sample line collected at 0930
0930 - Moved to SB-14 Sample line collected at 1000
1010 - Moved to HA-SB-10 Sample line collected at 1040
1030 - Moved to B-5 Sample line collected at 1120
1130 - JHA went to lunch
1200 - JHA returned from lunch
1210 - Moved to SB-12 Sample collected at 1220
1230 - Moved to HA-SB-05 Sample collected at 1230
1250 - Moved to SB-11 Sample collected at 1250
1320 - Moved to ~~SB~~ HA-SB-03 Sample collected at 1320
1335 - Moved to HA-SB-09 Sample at 1335
1400 - Moved to LV-10 Sample at 1400. Geophysical left the site.
1420 - Moved to LV-8 Sample at 1420
1430 - Moved to LV-15-E Sample at 1430
1500 - Moved to LV-15-S Sample at 1500
1530 - JHA cleaned up, placed away equipment. Took Equipment Blank Sample
- JHA left the site
1600 - Filled out CoCs and placed samples promptly inside the cooler. Check-in called w/ PM
1700 - Eurofins arrived onsite
1715 - Eurofins left the site with Samples
1730 - Cleaned up and left the site

| Field Representative(s) | Time on site | Report/Travel/Other | Total hours |
|---|---|---|---|
| FA | 11.5 hrs | 2.5 hrs | 14 |

Distribution:

Haley & Aldrich, Inc.

Form 4004

HALEY ALDRICH

# DAILY FIELD REPORT

Page of

| | | | |
|---|---|---|---|
| PROJECT | PCB Scoping - Redmond | H&A FILE NO. | |
| LOCATION | 2200 Redmond, South El Monte | PROJECT MGR. | Chris T. |
| CLIENT | | REPORT NO. | |
| CONTRACTOR | JHA | DATE | 01/15/24 |
| WEATHER | Clear. | TEMPERATURE | |

0630 - Arrived onsite.
0700 - JHA arrived onsite. JHA's contractor arrived onsite
0720 - Health and Safety Scope of work
- Prepping equipment.
0800 - Setting up at SB-13 (1, 2, 3 ft) ✓
- Coring at SB-13, drilling - JHA. Sample collected at 0800 - liner
0815 - Setting up at HA-SB-29 (1 ft + dup at 1 ft) ✓
- JHA stopped work. JHA was filling up the tub with fresh and realized it was gas instead of diesel. Heating on instructions from Matt or Tay
0830 - JHA water truck kept to be used to drum the cuttings
- Meeting the coring contractor and to mix coring the acid from all locations
0916 - JHA hydrovac at 0.6 inches w/ Bits. Stopped at 2 ft
0930 - JHA hand augering at HA-SB-26 (2 ft) ✓
0940 - JHA hand augering at HA-SB-24 (2 ft + Dup) ✓
1010 - JHA hand augering at HA-SB-25 (2 ft) ✓, Concrete contractor left the site
1020 - JHA drilling at HA-SB-22 (1, 2 ft) ✓, stopped at 2 ft, Refusal at 1.5 ft
1030 - JHA drilling at HA-SB-28 (2 ft + Dup), stopped at 2 ft, Refusal at 1.5 ft, 1 ft
- Refusal at ~1 ft (0.6 inches) ; 2nd stopped
1100 - JHA drilling at LV-1S-01-N (5, 7.5 ft) ✓
1120 - JHA drilling at LV-1S-01-W (5, 7.5 ft) ✓
1140 - JHA drilling at HA-SB-20 (2.5 ft) ✓
1200 - HA-SB-16 (1 ft) JHA began drilling ✓
1220 - JHA drilling at HA-SB-11 (5 ft) ✓
1240 - JHA drilling at HA-SB-18 (1, 5 ft) dup at 1 ft ✓
1250 - JHA drilling at HA-SB-21 (2, 5 ft) ✓
1300 - JHA drilling at HA-SB-17 (2 ft) ✓
1310 - JHA drilling at HA-SB-22 (5 ft) ✓
1320 - JHA drilling at HA-SB-14 (5 ft) ✓
- JHA drilling at HA-SB-27 (2 ft) ✓
1400 - JHA drilling at HA-SB-28, Refusal at slurry ~1 ft (At 8 inches) Tried shop-at (At Shop-at location)
- JHA contractor left site / onsite
1420 - Refusal at HA-SB-28 in the Northeast direction (Wall)
- Reached 1 ft in the South direction approx. 1 ft from HA-SB-28
- Refusal at East direction at HA-SB-28 ~0.6 inches (5 ft from HA-SB-28)
- Refusal in the NE direction ~0.6 inches
- Slow direction: Refusal at 0.8 inches
1500 - Collected Sample at 1 ft from South direction (Wall)
1530 - JHA cleaned equipment and left the site

| Field Representative(s) | Time on site | Report/Travel/Other | Total hours |
|---|---|---|---|
| | | | |
| | | | |

**Distribution:**

18 tubes total 1 cut
2 in Asphalts
2 duplicate slabs
Rest to 12 Aurora
+ 2 Rinsate

Dups
HA-SB-16 (2 tubes) Thin
HA-SB-24 (1 tube wide
HA-SB-28 (No dup did not TD)
HA-SB-29 (2 tubes) Thin

Haley & Aldrich, Inc.

Form 4004

# APPENDIX E
# Technical Memorandum for the Evaluation and Development of a Site-Specific Screening Level for Protecting Groundwater from Lead Impacts in Shallow Soil

HALEY & ALDRICH, INC.
One Arizona Center
400 East Van Buren Street, Suite 545
Phoenix, Arizona 85004
602.760.2436

**TECHNICAL MEMORANDUM**

7 November 2023
(Revised 1 March 2024)
File No. 0209476-001

TO: California Regional Water Quality Control Board – Los Angeles Region
Site Cleanup Program, Unit V
Shervin Milani, P.E.
Water Resources Control Engineer

FROM: Haley & Aldrich, Inc.
Jacob Chu, Ph.D., P.E., Senior Technical Expert
Susan Shiu, Associate Risk Assessor
Gina Plantz, Principal Consultant

SUBJECT: Evaluation and Development of a Site-Specific Soil Screening Level for Protecting Groundwater from Lead Impacts in Shallow Soil
Rosemead Holding LLC Properties
2200-2226 N. Rosemead Boulevard, South El Monte, California
(LARWQCB File No. 107.0266, Site ID No. 2040647)

This technical memorandum was prepared by Haley & Aldrich, Inc. (Haley & Aldrich) on behalf of Rosemead Holding LLC to document the evaluation and development of a site-specific soil screening level (SSL) that is protective of groundwater quality from the impacts of elevated lead concentrations found in shallow soil at the properties located at 2200, 2212, 2218, and 2226 North Rosemead Boulevard, South El Monte, California (the Site).

The memorandum documents the approach and methods used to determine an appropriate Site-specific SSL for lead in shallow soil, as well as the results of the evaluation. The primary conclusions obtained from this evaluation are summarized below:

- The use of the soil attenuation model developed by Connor et al. (1997) allows the incorporation of Site-specific conditions to develop a Site-specific SSL for protecting groundwater from lead impacts found in shallow soil at the Site. Using appropriate Site-specific input values, the calculated Site-specific SSL is 1,500 milligrams per kilogram (mg/kg).
- The sensitivity assessment demonstrates that a calculated SSL value can vary (i.e., ranging from 450 mg/kg up to 2,800 mg/kg), dependent on the level of conservatism incorporated into the site-specific parameters used to calculate the SSL. The calculated range is considerably higher than the US Environmental Protection Agency's (USEPA's) Regional Screening Levels (RSLs) for

lead for the protection of groundwater of 14 mg/kg. As a result, the sensitivity assessment further demonstrates that a remedial action goal (RAG) of 14 mg/kg for lead is not applicable nor appropriate for this Site.

- Site soil pH conditions favors the formation of lead precipitation. This attenuation mechanism is not accounted for through the adsorption-based soil attenuation model developed by Connor et al. (1997), and thus this mechanism is expected to provide additional protection to groundwater quality. As a result, the Site-specific SSL of 1,500 mg/kg is conservative.

The remainder of the memorandum provides the following elements: (1) Background, (2) Objective of this evaluation, (3) Evaluation approach, (4) Evaluation outcomes, (5) Sensitivity scenario assessment, (6) Additional attenuation processes, and (6) Conclusions.

## Background

The Los Angeles Regional Water Quality Control Board (LARWQCB) is evaluating risk posed to groundwater by lead in soil at the Site in reference to Resolution 92-49 and Section 2550.4 of Title 23 of the California Code of Regulations. During a 23 May 2023 meeting, the LARWQCB suggested that an appropriate RAG for lead in soil sufficiently protective of groundwater is 14 mg/kg, which is based on USEPA's RSLs for lead for the protection of groundwater.

A 20 July 2023 technical memorandum evaluating the leaching potential for lead to groundwater at the Site was prepared by Leighton Consulting Inc. and submitted to the LARWQCB for review. This 20 July 2023 technical memorandum presented multiple lines of evidence supporting that a RAG of 14 mg/kg for lead for the protection of groundwater is not applicable nor appropriate for the Site.[1] The multiple lines of evidence include:

- Relatively elevated concentrations of lead in soil are limited to the upper 5 feet below ground surface (bgs) (often the upper 1 to 2 feet bgs); Site lead soil data are presented in Plate 1.
- Lead-impacted soil in the upper 5 feet bgs is planned for remediation.
- Although elevated lead is present in shallow soil, historical and recent Site groundwater data indicates that lead is not present in groundwater above laboratory detection limits.

At the 11 October 2023 meeting with the LARWQCB, Haley & Aldrich presented the model and Site-specific parameter assumptions used to develop a Site-specific SSL of 1,500 mg/kg for protecting groundwater from lead impacts in shallow soil. The LARWQCB requested a technical memorandum summarizing the model and Site-specific parameter assumptions used in calculating the Site-specific SSL for lead be prepared and submitted to the LARWQCB for review.

[1] The technical memorandum is dated 20 July 2023, from Robin J. Ferber and Matt Himmelstein, with the subject: *"Evaluation of Leaching Potential for Lead to Groundwater, Former Pacific Drum Company, 2200-2226 N. Rosemead Boulevard, South El Monte, California."*

## Objective

The objective of this technical memorandum is to present an appropriate Site-specific SSL for lead in soil for groundwater protection, using representative hydrogeological and geochemical data collected at the Site or obtained from relevant literature sources and USEPA guidance.

## Evaluation Approach

The USEPA's RSL for the protection of groundwater for lead of 14 mg/kg is based on several key conservative assumptions which do not apply to the Site, including:

- An infiltration rate of 0.18 meter per year (or 18 centimeters per year [cm/yr]): This rate is significantly higher than typical average infiltration rates determined using the Los Angeles Basin watershed model (LABWM) developed by the United States Geological Survey (USGS).[2]
- No consideration for the effects of leachate dilution in groundwater: The RSL is developed assuming that no dilution occurs when soil leachate is mixed with groundwater (i.e., the dilution attenuation factor [DAF] is 1). Note that the USEPA's RSL calculator allows for site-specific parameter inputs for the calculation of a site-specific leachate-groundwater dilution factor, as shown in Panel A of Figure 1 below.
- No consideration of attenuation resulting from unimpacted soil beneath impacted shallow soil to the groundwater table: Lead concentration data collected at the Site show that lead surface impacts generally have not mobilized through the subsurface beyond 5 feet bgs. Based on Site investigation data, lead concentrations in subsurface beyond 5 feet bgs are within regional background levels (i.e., concentrations up to 23.9 mg/kg).[3] The groundwater table is at 50 feet bgs based on boring logs for monitoring wells MW-4, MW-5, and MW-6 installed in December 2022 (EEC Environmental 2023). Further note that the depth to water measured during the two sampling events for these three monitoring wells in January and May 2023 ranged from 48.3 feet bgs up to 56.1 feet bgs, with an average depth to water of 51.9 feet bgs.
- A very conservative soil-water partitioning coefficient (Kd) for lead: SSL is a function of Kd value, as shown in Panel B of Figure 1. A higher Kd value results in a higher SSL. The lead RSL of

[2] Hevesi, J. and Johnson, T. D., 2016. Estimating Spatially and Temporally Varying Recharge and Runoff from Precipitation and Urban Irrigation in the Los Angeles Basin, California, Scientific Investigations Report 2016–5068. The report can be accessed at the URL: https://pubs.usgs.gov/sir/2016/5068/sir20165068_.pdf. The Site is located near the Montebello Forebay basin area, which has an estimated average direct recharge of 4.3 cm/yr (Page 76). The estimated average direct recharge for the whole Los Angeles groundwater study area is 3.5 cm/yr. Note that direct recharge includes recharge from net infiltration of precipitation, irrigation, and surface water through root zone in the basin area (Page 79). Because the Site is covered by asphalt pavement, the net infiltration at the Site is expected to be noticeably lower than 4.3 cm/yr.

[3] The technical memorandum is dated 20 July 2023, from Robin J. Ferber and Matt Himmelstein, with the subject: *"Evaluation of Leaching Potential for Lead to Groundwater, Former Pacific Drum Company, 2200-2226 N. Rosemead Boulevard, South El Monte, California."*

14 mg/kg is based on the Kd value of 900 liters per kilogram (L/kg).[4] Kd for lead increases as pH increases (Figure 2). As shown in Figure 2, the Kd value of 900 L/kg is more appropriate for acidic soil conditions (soil pH < 6). When soil pH is higher than 7, the Kd value of 3,000 L/kg is more representative. As shown on Figure 2 below, the Site-specific Kd value of 3,000 L/kg corresponds to the pH value of 7.4. The pH value of 7.4 is at the lower end of the Site-specific soil pH value range of 7.4 to 11.3 from shallow soil pH data collected at the Site by Leighton in 2023 (Leighton Geotechnical Exploration Update Report, 11 May 2023) and by Haley & Aldrich in January 2024 to further delineate chemical of concern in soil (January 2024 pH data presented Plate 1). The Site-specific pH value range is further supported by the reported likely representative pH value of 7.9 for shallow soil in the area where the Site is located, based on publicly available soil properties data from the U.S. Department of Agriculture (USDA).

Because the nature of the RSLs for the protection of groundwater is for the purpose of general screening, they are very conservative in order to avoid a false conclusion that no groundwater threat exists at a given soil contaminated site. It is not intended for establishing a site-specific cleanup goal.

The soil attenuation model (SAM), developed by Connor et al. (1997), provides a mathematical framework to estimate a site-specific soil screening level with the flexibility of: [5]

- Using site-specific infiltration rate and Kd value;
- Incorporating contamination depth effects in the vadose zone by accounting for the sportive redistribution of a contaminant from the initial impacted depth intervals to the underlying unimpacted soil; and
- Calculating the DAF, which accounts for the leachate-groundwater dilution effects as described in USEPA's soil screening guidance, published in 1996.[6]

[4] Source URL: https://www.epa.gov/risk/regional-screening-levels-rsls-users-guide#soiltogw
[5] Connor, J.A., Bower, R.L., Paquette, S.M., and Newell, C.J., 1997. Soil Attenuation Model for Derivation of Risk-Based Soil Remediation Standards. July.
[6] USEPA, 1996. Soil Screening Guidance: Technical Background Document, Part 2: Development of Pathway-Specific Soil Screening Levels, EPA/540/R-95/128. See Section 2.5.5. Source URL: http://semspub.epa.gov/src/document/HQ/175232

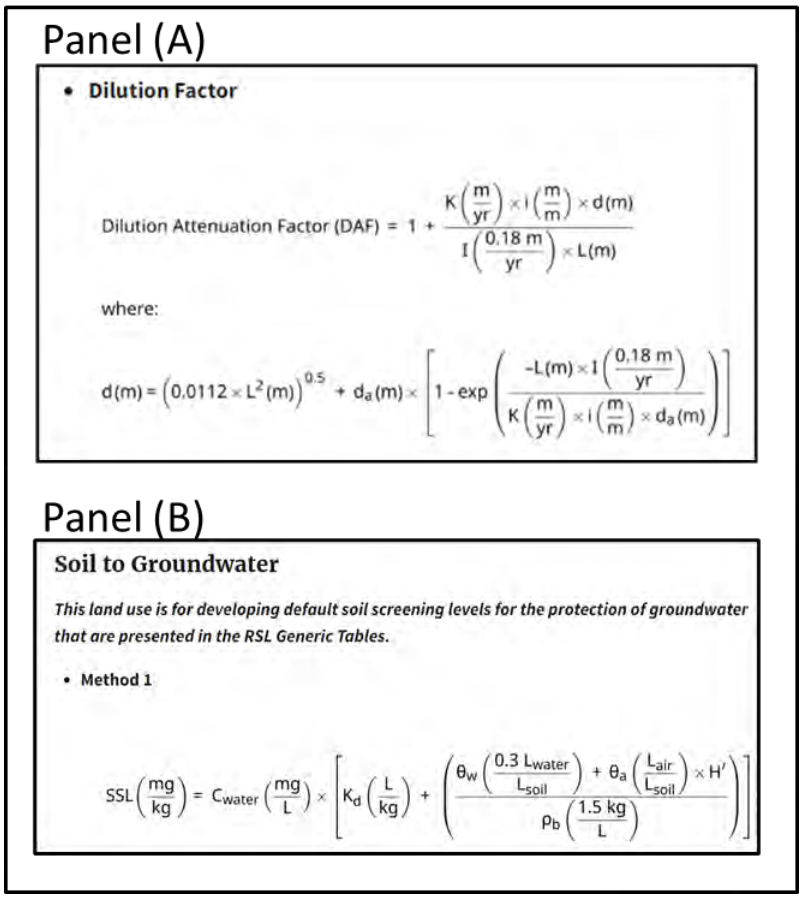



*Figure 1: Formulas associated with dilution factor calculations for site-specific soil screening level (Panel A) and how Kd is used to calculate a soil screening level (Panel B).*[7]

[7] Source URL: https://www.epa.gov/risk/regional-screening-levels-rsls-equations

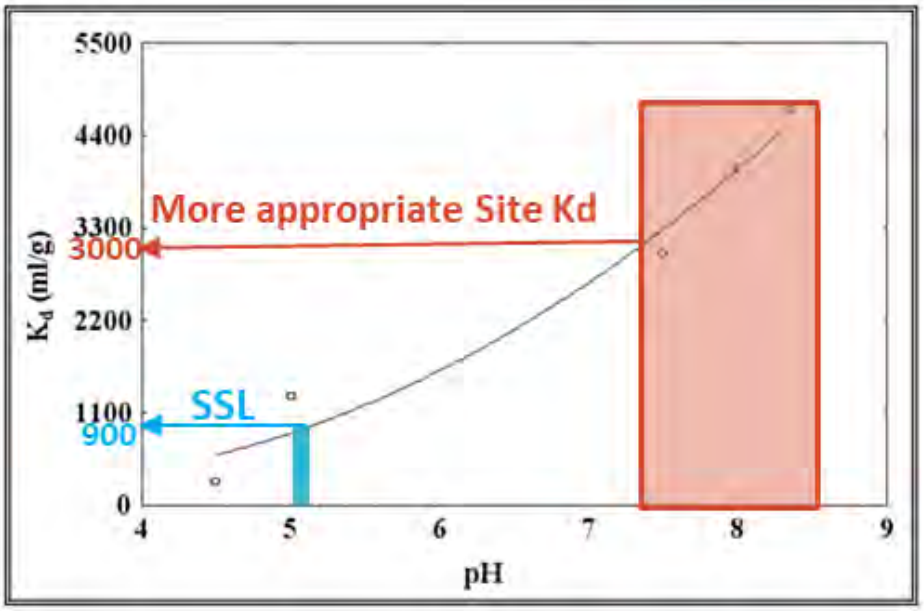



*Figure 2: Lead Kd value as a function of soil pH.*[8]

Because the SAM can account for various site-specific data and the effects of the contaminated soil profile (i.e., a layer of contaminated soil overlying a layer of unimpacted soil), it was used to estimate the Site-specific SSL for lead. Figure 3 illustrates a conceptual diagram of the SAM. The SAM can account for the following contaminant transport processes of lead from the vadose zone to groundwater:

- Chemical partitioning between vadose zone porewater and aquifer solids follows a linear adsorption relationship that can be characterized through an equilibrium adsorption constant Kd value.
- Infiltration leads to lead mobilization in the vadose zone as porewater percolates downward.
- The impact on groundwater quality by the leachate from the vadose zone can be approximated by the mixing between the porewater downward flow rate from the vadose zone source and the flow rate of shallow groundwater over an estimated mixing depth interval in the saturated zone.

The publication of Connor et al. (1997) is provided in Appendix A for more detailed information, such as equations used for cleanup level calculation and a parameter selection guide.

[8] USEPA, 1999. Understanding Variation in Partition Coefficient, Kd, Values, Volume II: Review of Geochemistry and Available Kd Values for Cadmium, Cesium, Chromium, Lead, Plutonium, Radon, Strontium, Thorium, Tritium (3H), and Uranium, EPA 402-R-99-004B. August. The figure is adapted from Figure F.1 of Appendix F of the report. Source URL: https://www.epa.gov/sites/default/files/2015-05/documents/402-r-99-004b.pdf

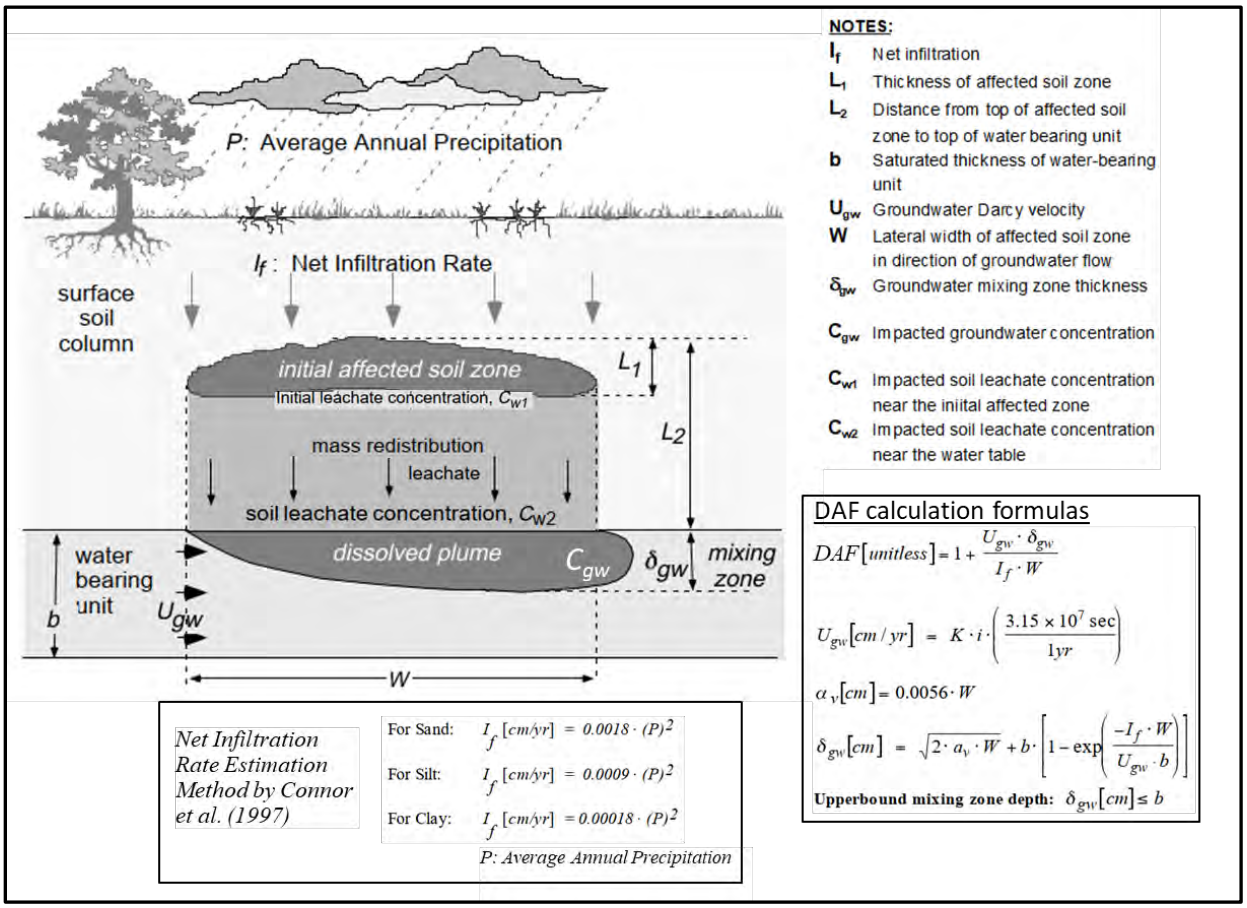



*Figure 3: Conceptual diagram of soil attenuation model developed by Connor et al. (1997).*

The procedure used to estimate the Site-specific SSL for lead is described below:

- Use 15 micrograms per liter (µg/L) (the USEPA Action Level in water for lead) as the target groundwater concentration ($C_{gw}$);
- Estimate a site-specific net infiltration rate ($I_f$) that is more appropriate for the Site location and conservative enough to not underestimate the rate; a method to estimate $I_f$ using site-specific average annual precipitation is provided by Connor et al. (1997) and shown in Figure 3;
- Calculate the site-specific DAF value using site-specific hydraulic parameters and $I_f$; the formulas used to estimate the DAF are shown in Figure 3.
- Calculate the target vadose zone leachate concentration ($C_{w2}$) near the water level, which occurs after lead mass redistribution from the initial affected zone (the top 5 feet of the vadose zone) to the whole vadose zone thickness (50 feet), by the formula below:
  - $C_{w2} = C_{gw} \times DAF$
- Calculate the target vadose zone leachate concentration ($C_{w1}$) right below the initial affected zone using the formula below:
  - $C_{w1} = C_{w2} \times L_2 / L_1$ (the definitions of $L_1$ and $L_2$ are shown in Figure 3)
- Estimate an appropriate site-specific Kd value for lead;

- Calculate the site-specific SSL ($C_T$) using the formulas below:
  - $C_T = C_{w1} \times (Kd + \Theta_w/\rho_b)$
    where $\Theta_w$ is volumetric water content in affected soil and $\rho_b$ is the soil bulk density.

The Site-specific parameter values obtained from the previous Site investigations or from the publicly available database are provided in Table 1. The rationale for each parameter value selected is provided in the final column in Table 1.

## Evaluation Results

The calculated Site-specific DAF value, using Site-specific hydraulic parameters and net infiltration rate, is 3.3, meaning the leachate concentration ($C_{w2}$ = 49.5 µg/L) at the bottom of the vadose zone is no more than 3.3 times higher than the target groundwater concentration ($C_{gw}$ = 15 µg/L). Accounting for the sportive redistribution of a contaminant from the initial impacted depth intervals to the underlying unimpacted soil ($L_2$/ $L_1$) and a Site-specific Kd, the calculated Site-specific SSL for lead for groundwater protection is 1,500 mg/kg.

## Sensitivity Scenario Assessment

While the parameters used to calculate Site-specific SSL for lead are either representative of Site conditions or protective in terms of not likely overestimating the SSL, heterogeneity in physical and chemical properties of both the vadose zone and saturated zone may result in variations of the calculated SSL value. Therefore, a sensitivity assessment was conducted. The parameters and their values used for this assessment, as well as corresponding SSL results are described below. Note that for each sensitivity test scenario, only one parameter was adjusted, and the remaining parameter values remain the same as the values presented in Table 1.

- Shallow Aquifer Thickness (b): A shallow aquifer thickness of 70 feet was used in the calculation of the Site-Specific SSL. Three additional shallow aquifer thickness values, 10 feet, 20 feet and 35 feet, were tested. The resulting SSL values are 720 mg/kg, 990 mg/kg, and 1,400 mg/kg, respectively.
- Hydraulic Conductivity for Shallow Groundwater (K): Two additional K values were tested. They are 3 times or one-third the value in Table 1 (=0.00064 centimeters per second [cm/s]). The resulting SSL values are 2,800 mg/kg and 990 mg/kg, respectively.
- Length between Top of the Impacted Zone to Water Table (L2): A length between top and the impacted zone to water table of 50 feet was used in the calculation of the Site-Specific SSL. The thickness of the vadose zone may vary due to the water table fluctuation. According to the Phase I Environmental Site Assessment prepared by Ramboll US Corporation, groundwater was encountered at approximately 32 feet to 34 feet bgs in 2002 at an adjacent property to the

south.[9] During a Phase II subsurface investigation performed at the Site by EEC Environmental in October 2020, groundwater was encountered beneath the Site at a depth of approximately 45 feet bgs.[10] The depth to water measured during the two sampling events for these three monitoring wells in January and May 2023 ranged approximately from 48 feet bgs up to 56 feet bgs. Therefore, two additional L2 values, 35 feet and 55 feet, are tested. The resulting SSL values are 1,000 mg/kg and 1,600 mg/kg, respectively.

- Net Infiltration Rate ($I_f$): The $I_f$ of 3.98 cm/yr (or 1.57 inches per year [in/yr]) was used in the calculation of the Site-specific SSL, which is 10% of the average annual precipitation (15.67 in/yr) based on a weather station near the Site (San Gabriel Fire Department, California). This value is between the recharge estimates for the Montebello Forebay basin area (4.3 cm/yr) and the whole Los Angeles groundwater study area (3.5 cm/yr). Because the Site will be covered by asphalt pavement and buildings, the net infiltration at the Site is expected to be noticeably lower than 4.3 cm/yr.

  Two additional $I_f$ values were tested. The lower bound $I_f$ value of 1.43 cm/yr was estimated using the average annual precipitation for South El Monte and the net infiltration rate estimation method for silt provided by Connor et al. (1997) (or see Figure 3). This lower bound value may be more representative to account for additional infiltration resistance due to the presence of fresh asphalt pavement and buildings after Site redevelopment. The upper bound $I_f$ value of 4.3 cm/yr is the estimated rate for the Montebello Forebay basin area (see comment/ rationale for $I_f$ in Table 1; Hevesi and Johnson 2016). The resulting SSL values using the lower bound and upper bound $I_f$ values above are 2,700 mg/kg and 1,400 mg/kg, respectively.

- Lead adsorption partitioning coefficient (Kd): As discussed previously, a Kd of 3,000 L/kg is more representative of Site conditions based on Site-specific soil pH and was used in the calculation of the Site-Specific SSL. Two additional Kd values were tested. They are 900 L/kg (RSL default value) and 1,500 L/kg. The resulting SSL values are 450 mg/kg and 750 mg/kg, respectively. The SSL values are linearly proportional to the Kd values.

The results of sensitivity assessment demonstrates that an SSL value can vary (i.e., ranging from 450 mg/kg up to 2,800 mg/kg), dependent on the level of conservatism incorporated into the site-specific parameters used to calculate the SSL. Note, however, the resulting SSLs calculated in this sensitivity assessment are considerably higher than the RSL of 14 mg/kg. The sensitivity analysis further demonstrates that a RAG of 14 mg/kg for lead is not appliable nor appropriate for this Site.

## Additional Attenuation Processes for Lead in Shallow Soil

The Site-specific lead SSL calculated above only account for the adsorption process. In an aerobic, alkaline soil environment where unsaturated zone porewater is rich in inorganic carbon (e.g.,

[9] Ramboll US Corporation, 2020. Phase I Environmental Site Assessment, 2212, 2218, and 2226 North Rosemead Blvd, South El Monte, California. 21 July.
[10] EEC Environmental, 2020. Technical Memorandum: Results of Phase II Subsurface Investigation in August and September 2020, South El Monte Parcels – 2200, 2212, 2218, and 2226 N. Rosemead Blvd. 19 October.

bicarbonate and carbonate resulting from dissolution of carbonate minerals), lead mobility is further reduced. Between pH = 7 and pH = 10, important lead bearing minerals under aerobic conditions are cerussite ($PbCO_3$) and hydrocerussite ($Pb_3(CO_3)_2(OH)_2$), as shown in Figure 4. The equilibrium solubility of lead is expected to be below 50 µg/L when a lead bearing mineral is the solubility-controlling phase (USEPA 2007). In general, when pH is higher than 8, precipitation of insoluble carbonates under aerobic conditions can drive precipitation reactions resulting in lead concentrations below the USEPA Action Level in water (15 µg/L) (see USEPA 2007 - EPA/600/R-07/140, Table 2.1 and Figure 2.4).

The measured Site soil pH values ranges from pH = 7.4 to pH = 11.3 (Leighton Geotechnical Exploration Update Report, 11 May 2023 and Haley & Aldrich January 2023 delineation sampling event) and the predominated soil pH is likely approximately 7.9 based on the USDA database. Therefore, the leachate lead concentration from the vadose zone before being mixed with groundwater is likely very close or below 15 µg/L. Given that Site soil is naturally rich in calcium carbonate (see Table 1), lead precipitation in situ is a significant attenuation process beside adsorption.

## Conclusions

The evaluation has reached the following conclusions:

- The use of the soil attenuation model developed by Connor et al. (1997) allows the incorporation of Site-specific conditions to develop a Site-specific SSL for protecting groundwater from lead impacts found in shallow soil at the Site. Using appropriate Site-specific input values, the Site-specific SSL is 1,500 mg/kg.
- The sensitivity assessment demonstrates that an SSL value can vary (i.e., ranging from 450 mg/kg up to 2,800 mg/kg), dependent on the level of conservatism incorporated into the site-specific parameters used to calculate the SSL. The calculated range is considerably higher than the RSL of 14 mg/kg. As a result, the sensitivity assessment further demonstrates that a RAG of 14 mg/kg for lead is not applicable nor appropriate for this Site.
- Site soil pH conditions favor the formation of lead precipitation. This attenuation mechanism is not accounted for through the adsorption-based soil attenuation model developed by Connor et al. (1997), and thus this mechanism is expected to provide additional protection to groundwater quality. As a result, the Site-specific SSL of 1,500 mg/kg is conservative.

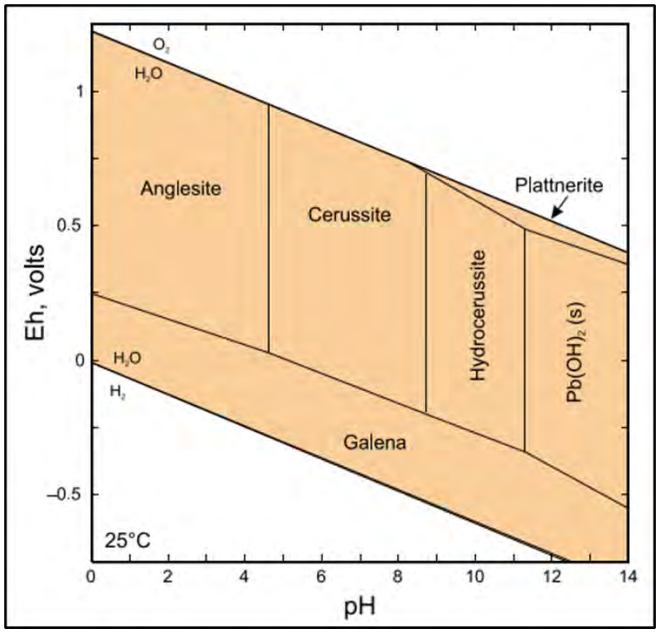



*Figure 4: Eh-pH diagram for lead (total Pb = $10^{-5}$ molal, total Carbon = $10^{-3}$ molal, total Sulfur = $10^{-3}$ molal; all organic lead complexes are suppressed; activity coefficients for all species are set equal to 1).*[11]

## References

Connor, J.A., Bower, R.L., Paquette, S.M., and Newell, C.J., 1997. Soil Attenuation Model for Derivation of Risk-Based Soil Remediation Standards. July.

EEC Environmental, 2020. Technical Memorandum: Results of Phase II Subsurface Investigation in August and September 2020, South El Monte Parcels – 2200, 2212, 2218, and 2226 N. Rosemead Blvd. 19 October.

EEC Environmental, 2023. Groundwater Well Installation and Sampling Report. Prepared for Rosemead Holding LLC. 19 June.

Enviro-Tox Services, Inc., 2022. Preliminary Endangerment Assessment, Rosemead Holding LLC Property. 2200 North Rosemead Boulevard, South El Monte, California. 18 November.

Geosystem, 1999. Feasibility Study Report, South El Monte Operable Unit, Interim Remedial Investigation/Feasibility Study, San Gabriel Basin, Los Angeles County, California. April.

[11] USEPA, 2007. Monitored Natural Attenuation of Inorganic Contaminants in Ground Water, Volume 2: Assessment for Non-Radionuclides Including Arsenic, Cadmium, Chromium, Copper, Lead, Nickel, Nitrate, Perchlorate, and Selenium. EPA/600/R-07/140. October. Page 13. Source URL: https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=60000N76.txt

Gilbane, 2019. Supplemental Remedial Investigation Report, San Gabriel Valley Area 1 Superfund Site, South El Monte Operable Unit, Los Angeles County, California. November.

Hevesi, J. and Johnson, T. D., 2016. Estimating Spatially and Temporally Varying Recharge and Runoff from Precipitation and Urban Irrigation in the Los Angeles Basin, California, Scientific Investigations Report 2016–5068. Source URL: https://pubs.usgs.gov/sir/2016/5068/sir20165068_.pdf

Leighton Consulting, Inc., 2023. Limited Soil Investigation Report, Rosemead Holding LLC, 2200-2226 North Rosemead Boulevard, South El Monte, California. 25 April.

Leighton Consulting, Inc., 2023. Limited Soil Remediation Work Plan, for the Eastern Portion of 2200 North Rosemead Boulevard, South El Monte, California 91773. 25 April.

Leighton Consulting Inc., 2023. Geotechnical Exploration Update, Proposed Warehouse/Commercial Building, 2222 Rosemead Boulevard South El Monte, Los Angeles County, California, Los Angeles County AIN 8102-039-29, 30, 31 and 35. 11 May.

Leighton Consulting Inc., 2023. Evaluation of Leaching Potential for Lead to Groundwater, Former Pacific Drum Company, 2200-2226 N. Rosemead Boulevard, South El Monte, California, (WIP No. 107.0266, Site ID No. 2040647). Project Memorandum. 20 July.

Ramboll US Corporation, 2020. Phase I Environmental Site Assessment, 2212, 2218, and 2226 North Rosemead Blvd, South El Monte, California. 21 July.

USEPA, 1996. Soil Screening Guidance: Technical Background Document, Part 2: Development of Pathway-Specific Soil Screening Levels, EPA/540/R-95/128. See Section 2.5.5. Source URL: http://semspub.epa.gov/src/document/HQ/175232

USEPA, 1999. Understanding Variation in Partition Coefficient, Kd, Values, Volume II: Review of Geochemistry and Available Kd Values for Cadmium, Cesium, Chromium, Lead, Plutonium, Radon, Strontium, Thorium, Tritium ($^{3}$H), and Uranium, EPA 402-R-99-004B. August. Source URL: https://www.epa.gov/sites/default/files/2015-05/documents/402-r-99-004b.pdf

USEPA, 2007. Monitored Natural Attenuation of Inorganic Contaminants in Ground Water, Volume 2: Assessment for Non-Radionuclides Including Arsenic, Cadmium, Chromium, Copper, Lead, Nickel, Nitrate, Perchlorate, and Selenium. EPA/600/R-07/140. October. Page 13. Source URL: https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=60000N76.txt

TABLE

**TABLE 1**
INPUT PARAMETERS TO THE SOIL ATTENUATION MODEL
ROSEMEAD HOLDINGI LLC PROPERTIES
2200-2226 N. ROSEMEAD BOULEVARD, SOUTH EL MONTE, CA

| Parameter Type | Parameter Name | Value | Unit | Comment/Rationale |
|---|---|---|---|---|
| Aquifer Characteristics | Shallow Aquifer Thickness (b) | 2134<br>70 | cm<br>ft | Based on the data presented in Figure 3-4 of the Gilbane, November, 2019, Supplemental Remedial Investigation Report, South El Monte Operable Unit, San Gabriel Valley Area 1 Superfund Site. Also see Appendix B. |
| | Hydraulic Conductivity for Shallow Groundwater Aquifer (K) | 0.00064<br>1.8 | cm/sec<br>ft/d | This value is based on the site-specific hydraulic conductivity value estimated using the well development data of MW-6. Note that an aquifer hydraulic conductivity value of 300 ft/d was estimated for the shallow aquifer throughout most of the Witter Narrow, as reported in the Geosystem Consultants, Inc., April, 1999 Feasibility Study Report, Interim Remedial Investigation/Feasibility Study, South El Monte Operable Unit. Therefore, 1.8 ft/d is likely a very conservative value. Also see Appendix C. |
| | Hydraulic Gradient (i) | 0.0027 | unitless | Based on the difference in groundwater gradients (0.0075 and 0.0048) measured in January 2023 and May 2023, as reported in the June, 2023, EEC Environmental Groundwater Well Installation and Sampling Report. Also see Appendix D. |
| Impact Zone Size | Contamination Zone Length along GW Flow Direction (W) | 6858<br>225 | cm<br>ft | Source length was estimated at 225 feet (69 m) based on the Limited Soil Remediation Work Plan developed for the site. Also see Appendix E. |
| | Current Impacted Soil Thickness (L1) | 152.4<br>5 | cm<br>ft | Site-specific data; the lead impact is predominately within the top 5 feet of the vadose zone. Also see Appendix F. |
| | Length between Top of the Impacted Zone to Water Table (L2) | 1524<br>50 | cm<br>ft | Site-specific vadose zone thickness. The water table is at 50 feet bgs. Also see Appendix G. |
| | Soil Bulk Density ($\rho_b$) | 1.5 | g/cm3 | Conservative default value used to calculate USEPA's SSL. Not a sensitive parameter. |
| | Water Filled Porosity ($\Theta_w$) | 0.3 | unitless | Default value used to calculate USEPA's SSL. Not a sensitive parameter. |
| Infiltration Estimation | Infiltration Rate ($I_f$) | 1.57<br>3.98 | in/yr<br>cm/yr | 1.57 in/yr or 3.98 cm/yr is 10% of the average annual precipitation (15.67 in/yr) based on a weather station near the Site (San Gabriel Fire Department, California). This value is between the recharge estimates for the Montebello Forebay basin area (4.3 cm/yr) and the whole Los Angeles groundwater study area (3.5 cm/yr). Because the Site will be covered by asphalt pavement and buildings, the net infiltration at the Site is expected to be noticeably lower than 4.3 cm/yr. Also see Appendix H. |
| Chemical Properties | Partitioning Coefficient (Kd) for Lead (Pb) | 3000 | L/kg | The Kd value for lead is a function of soil pH. Site-specific Kd value is based on the shallow soil pH data collected at the Site (between pH = 7.4 and pH = 11.3 (Leighton Geotechnical Expiration Update Report, 11 May 2023 and Haley & Aldrich January 2024 delineation sampling event) and further supported by the reported soil pH (=7.9) and calcium carbonate (a mineral that increase soil pH) content in shallow soil from the USDA database (approximately 2% weight percentage) for the area where the Site is located. The Kd value was selected based on the pH dependent Kd relationship for lead provided in Figure F.1 of the USEPA 402-R-99-004B document. Note that, beside adsorption, lead tends to precipitation under alkaline pH conditions. Also see Figure 2 in the memorandum and Appendix I. |
| Target Groundwater Concentration | Groundwater Protection Standard | 15 | µg/L | USEPA action level for lead in water. |
| Estimated Soil Screening Level | Bulk lead (Pb) concentration in the vase zone soil (mg/Kg) | **1500** | **mg/kg** | Estimated value based on the parameters above and according to formulas in Conor et al. (2007). |

**Notes:** cm = centimeters; in = inches; ft = feet; sec = second; d = day; yr = year; L = liter; kg = kilogram; mg = milligram; µg = microgram; cm3 = cubic centimeter; GW = groundwater

USEPA 402-R-88-004B => Monitored Natural Attenuation of Inorganic Contaminants in Ground Water, Volume 2, assessment for Non-Radionuclides Including Arsenic, Cadmium, Chromium, Copper, Lead, Nickel, Nitrate, Perchlorate, and Selenium.

Connor et al. (2007) => Connor, J.A., Bowers, R.L., Paquette, S.M. and Newell, C.J., 1997. Soil attenuation model for derivation of risk-based soil remediation standards. Groundwater Services Inc., Houston, Texas, pp.1-34.

PLATE

**LEGEND**

- SOIL BORING
- NOT DETECTED
- DETECTED BUT BELOW CRITERIA
- DETECTED ABOVE CRITERIA

**NOTES**

1. ALL LOCATIONS ARE APPROXIMATE.
2. LEAD RESULTS SHOWN IN MG/KG. PH SHOWN IN STANDARD UNITS (S.U.).
3. RESULTS IN RED ARE GREATER THAN THE FOLLOWING CRITERIA:
   - LEAD: 500 MG/KG
4. ND (#) - NOT DETECTED ABOVE THE REPORTING LIMIT (SHOWN IN PARENTHESIS).
5. AERIAL IMAGERY SOURCE: NEARMAP, 9/12/23.
6. DATABOXES WITH LIGHT BLUE BACKGROUND SAMPLED IN 2024 BY HALEY & ALDRICH.

0 20 40 60 80

SCALE IN FEET

HALEY ALDRICH

ROSEMEAD HOLDING LLC
2200-2226 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA

# LEAD/PH ANALYTICAL SOIL RESULTS

SCALE: AS SHOWN
MARCH 2024

PLATE 1

Saved by: MASA
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\92009476\CAD\2024-0220-HAL-SO-BASEPLAN-LEAD-PH.DWG
Printed: 2/20/2024 2:15 PM
Sheet: HA-FIG-E-L

# APPENDIX A
# Soil Attenuation Model for Derivation of Risk-Based Soil Remediation Standards

# Soil Attenuation Model for Derivation of Risk-Based Soil Remediation Standards

J. A. Connor, R. L. Bowers, S. M. Paquette, C. J. Newell
Groundwater Services, Inc., Houston, Texas (713) 522-6300

## 1.0 Overview of Soil Attenuation Model (SAM)

Under a risk-based corrective action (RBCA) process, soils and groundwater impacted by a chemical release are to be remediated or controlled to concentration levels such that further migration will not expose human or environmental receptors to unsafe levels of hazardous constituents. For this purpose, site-specific target levels (SSTLs) must be established for the affected soil mass such that subsequent soil leachate migration to an underlying water-bearing unit does not cause exceedance of applicable exposure limits for groundwater. To derive such groundwater protection standards, a new Soil Attenuation Model (SAM) has been developed to provide a conservative estimate of soil-to-groundwater contaminant release based on readily available information regarding annual rainfall, soil type, depth to groundwater, and the hydrogeologic properties of the underlying water-bearing unit. Using either site-specific or generic site properties, this analytical model can be used either to i) predict upperbound constituent concentrations in groundwater, based on an observed soil concentration, or ii) back-calculate a lower-bound soil SSTL value, based on the applicable risk-based screening level (RBSL) at the groundwater point of exposure (POE). The model is applicable to analysis of porous media soils impacted by either organic and inorganic constituents, in the absence of mobile non-aqueous phase liquids (NAPLs).

The SAM represents a modification to the soil-leachate equations presented in Appendix X.2 of ASTM E-1739 *Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites* (ASTM, 1995). These modifications are directed toward providing a more rigorous characterization of the soil-to-groundwater leachate process and assisting the user in estimation of critical input parameters. However, to accommodate use in Tiers 1 and 2 of the risk-based site evaluation effort, the SAM retains the format of a simple, screening-level analytical expression requiring limited site-specific data input. The model includes empirical relationships to assist the user in characterization of net infiltration and equilibrium soil moisture content parameters based on annual site rainfall and the predominant soil type overlying the groundwater unit. The soil-to-groundwater leachate process is characterized as a three-step procedure, beginning with i) equilibrium partitioning of soil contaminants from a finite source mass to infiltrating rainwater, followed by ii) sorptive redistribution of contaminants from the leachate onto underlying clean soils, and iii) subsequent leachate dilution within the receiving groundwater flow system. In the base version of this model, contaminant loss through the processes of volatilization and biodegradation are neglected for purpose of conservatism and simplicity.

This paper reviews the principal components of the Soil Attenuation Model (SAM) and presents detailed background information regarding model derivation and key assumptions. The SAM model has recently been specified for incorporation in the proposed Texas Risk Reduction Program (TRRP) (see TNRCC 1996). Sample default values to be used in Tier 1 and Tier 2 of the Texas process are also discussed herein. Summary guidelines regarding calculation procedures and input parameter selection are provided on Figure 2 and Table 4, respectively.

# 2.0 Model Description

### AMENDMENTS TO ASTM RBCA SOIL LEACHATE EQUATION

Appendix X.2 of ASTM E-1739 presents analytical equations for estimation of a soil leachate factor (LF), corresponding to a steady-state ratio between contaminant concentrations in affected soils and the resultant concentrations in an underlying water-bearing unit. Intended as example screening-level models, the ASTM soil leachate equations have been widely adopted for use in calculation of risk-based soil remediation standards under Tiers 1 and 2 of the ASTM RBCA planning process. In the ASTM model, the soil leachate process is characterized as a simple two-step process, involving: i) dissolution of soil contaminants into infiltrating rainwater (estimated using an equilibrium partitioning relationship), followed by ii) leachate dilution within the underlying groundwater (estimated using a simple box model).

The ASTM leachate factor equations meet the Tier 1 and Tier 2 objectives of conservatism, simplicity, and reproducibility; however, practical application of this leachate model has been complicated by difficulties associated with proper estimation of key input parameters and overly conservative characterization of the soil leachate process. Specifically, given the complexity of obtaining site-specific infiltration measurements, upperbound default values have been applied to rainfall infiltration rates (e.g., 30 cm/yr), providing worst-case estimates of soil leachate impacts. Furthermore, a simple two-step characterization of the leachate generation and migration process (ignoring the effect of contaminated soil mass and soil column thickness on leachate mass flux) can prove overly conservative for deep groundwater conditions.

To address these concerns, the SAM augments the existing ASTM soil leachate equation with features intended to assist in characterization of critical input parameters and more accurately simulate rainfall infiltration and leachate migration. A comparison of the SAM and ASTM models with respect to the key elements of the soil-to-groundwater contaminant release process is provided on Table 1. As shown, the SAM differs from the earlier leachate equations published in ASTM E-1739 by addition of the following features:

- *Net Infiltration Estimate*: SAM incorporates an empirical relationship for estimation of net rainfall infiltration based on mean annual rainfall and soil type.
- *Finite Source Mass*: The SAM assumes a finite contaminant source mass based on the mass of affected soil and the representative concentration of each constituent of concern (COC).

- *Sorptive Mass Redistribution*: The SAM incorporates depth effects by accounting for the sorptive redistribution of contaminants from the leachate onto soils underlying the affected soil zone. This sorptive mass loss reduces contaminant concentrations delivered to the underlying groundwater.

- *Default Soil Moisture Parameters*: SAM employs default soil moisture parameters ($\theta_{as}$, $\theta_{ws}$) consistent with the predominant soil type in the surface soil column.

- *Leachate-Groundwater Dilution*: The SAM estimates leachate dilution in the groundwater flow system using the same box model incorporated in the ASTM expression. However, a supplementary algorithm, published as part of the EPA Soil Screening Level Guide (U.S. EPA, 1996), has been added to assist the user in estimation of the groundwater mixing zone depth.

**TABLE 1: SUMMARY OF SAM AMENDMENTS TO ASTM SOIL LEACHATE EQUATIONS**

| | | SAM FEATURE | |
|---|---|---|---|
| **ELEMENT OF SOIL LEACHING PROCESS** | **ASTM LEACHATE MODEL FEATURE** | **REVISED?** | **DESCRIPTION** |
| **1) Net Rainfall Infiltration** | Uses upperbound estimate of annual infiltration (e.g., 30 cm/yr). | ***Yes*** | ***Net Infiltration Calculator***: Estimates net infiltration as function of rainfall and soil type. |
| **2) Soil Moisture/Air Contents** | Uses conservative default values. | ***Yes*** | ***Soil-Dependent Default Values***: Employs equilibrium soil moisture parameters consistent with soil type. |
| **3) Contaminant Source Mass** | Assumes infinite source mass in affected soil zone. | ***Yes*** | ***Finite Source Mass***: Contaminant source mass assumed to be finite (i.e., affected soil mass times representative contaminant concentration ). See also "Time Averaging" below. |
| **4) Equilibrium Partitioning: Soil to Leachate** | Assumes equilibrium relation-ship based on soil-water sorption, chemical properties. | No | ***Equilibrium Partitioning***: Equilibrium assumption retained as conservative, simplifying measure. |
| **5) Contaminant Loss via Volatilization and Biodegradation** | Not considered. | No | ***No Biodegradation or Volatilization***: These processes neglected in base model as conservative, simplifying measure. Biodegradation may be applied as optional measure based on site-specific data. |
| **6) Sorptive Redistribution of Contaminant on Underlying Soil (Depth Effect)** | Not considered. | ***Yes*** | *Sorptive Mass Redistribution*: Accounts for mass loss due to redistribution of leachable contaminants onto underlying soils. |
| **7) Leachate Dilution in Groundwater System** | Estimated using simple box dilution model. | No/Yes | ***Leachate-Groundwater Dilution***: Box model retained as simplifying measure. Supplementary algorithm provided for estimation of mixing zone depth. |
| **8) Time-Averaging of Groundwater Concentrations** | Not considered. | No | ***No Time Averaging***: Averaging of exposure concentrations over an exposure duration neglected in base model as conservative measure. May be applied as optional measure for carcinogenic constituents under Tier 3 evaluation. |

The SAM is consistent with the ASTM model in the use of an equilibrium partitioning relationship for estimation of soil pore water concentrations and in neglecting contaminant loss

via volatilization or biodegradation. In addition, neither the SAM nor the ASTM leachate model presently accounts for the gradual loss of source mass to leachate over time and the resultant decrease in contaminant flux to groundwater over a 30-year period of exposure. In each case, these measures represent conservative, simplifying assumptions consistent with the model application as a Tier 1 or Tier 2 screening-level tool. However, as noted on Table 1, biodecay and time averaging may be applied as optional modeling measures based on site-specific considerations under a Tier 2 or Tier 3 evaluation. If such options are to be utilized, biodegradation rates must be based on measured site-specific data. For carcinogenic constituents, time averaging may be applied to consider average chronic effects over the exposure duration.

**KEY COMPONENTS OF SAM**

The Soil Attenuation Model (SAM) can be used to derive a steady-state soil-to-groundwater contaminant leachate factor (LF) based on available information regarding site soil and groundwater conditions. The model can be used to predict contaminant flux from affected soils to underlying groundwater for either organic or inorganic constituents, in the absence of mobile, free-phase soil contaminants.

For the purpose of this analysis, shallow site geology is idealized as two principal stratigraphic components: i) a *surface soil column* consisting of unsaturated and saturated soils, wherein pore water flow is primarily vertical (downward), underlain by ii) a saturated, transmissive *water-bearing unit*, wherein pore water flow is principally horizontal (see Figure 1). The boundary of these two flow zones corresponds to the top of the uppermost water-bearing stratum beneath the site. Contaminant transfer from affected soils in the surface soil column to the underlying water-bearing unit occurs via vertical leachate migration. After entering the water-bearing unit, the leachate fluids mix with the lateral groundwater flow stream and spread horizontally from the point of entry in the downgradient direction of shallow groundwater flow (see Figure 1).

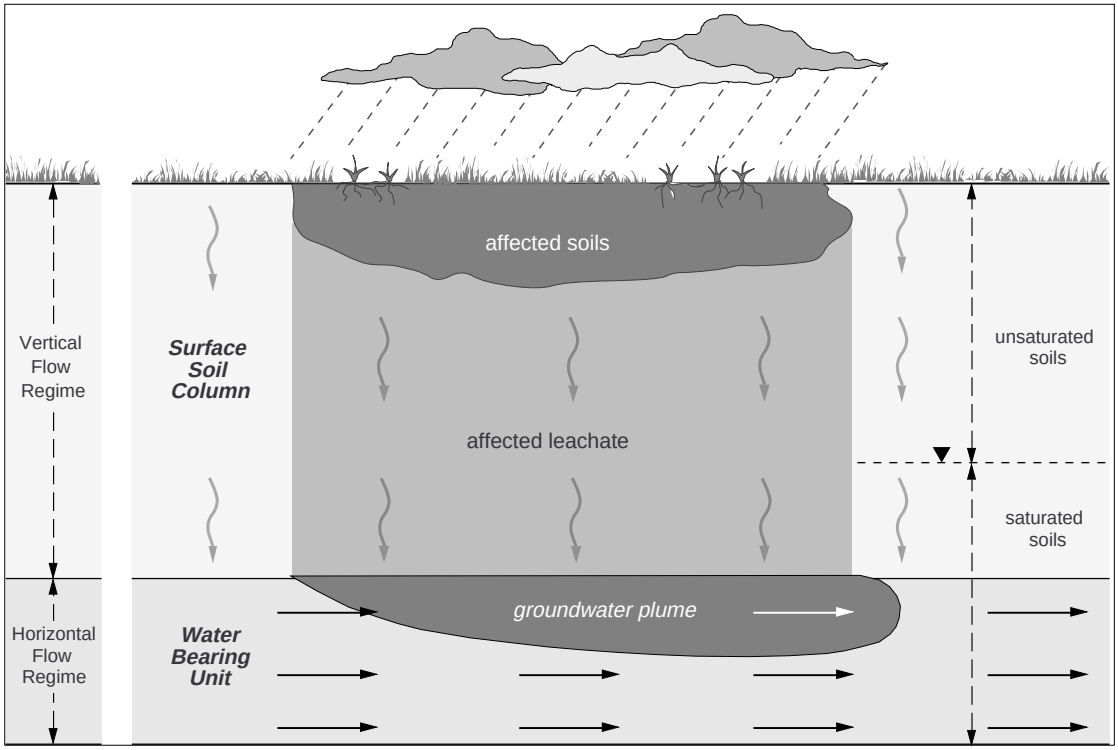
The SAM simulates this soil leachate process from the initial infiltration of rainfall through the affected soil zone to final mixing of the contaminated soil leachate with underlying groundwater. Principal components of this soil leachate model are illustrated on Figure 2 and discussed in further detail below. Background information regarding model derivation is provided in Attachments A through D.

### 1) Estimation of Net Infiltration

- ***Method Description***: Net infiltration corresponds to total infiltration (precipitation minus runoff) minus the additional loss associated with evapotranspiration. The net infiltration term ($I_f$) thereby represents the deep percolation flow (cm/year) through the affected soil zone which could result in contaminated leachate release to underlying groundwater. In the SAM, net infiltration is estimated as a function of average annual rainfall (cm/year) and the predominant soil type (sand, silt, or clay) using the empirical relationships plotted on Figure 3 (or using Equations 1a - 1c on Figure 2). Given the predominant soil type in the surface soil column, the curves and accompanying equations

can be used to obtain a conservative estimate of net annual infiltration (cm/year), based on a grass ground cover (i.e., no pavement). For highly stratified soil columns composed of multiple soil types (e.g., interbedded sand and clay), the lower permeability soil (i.e., clay) will control vertical infiltration.

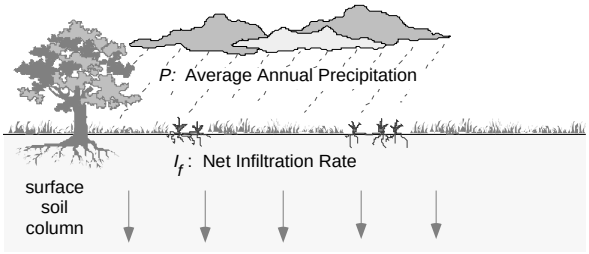
**FIGURE 1: IDEALIZED SCHEMATIC OF SOIL LEACHATE MIGRATION**




- ***Key Assumptions***: The sand soil curve shown on Figure 3 represents an 80% envelope line for rainfall infiltration data from over 100 sandy soil sites in 18 geographic regions in the United States, as compiled by Stephens & Associates (API, 1996). This curve provides a conservative (upper-range) estimate of deep percolation for over 80% of the sand or gravel soil sites reported in this database. Curves for silty and clayey soils were then derived from the empirical sandy soil curve based on the relative percent infiltration described by Viessman *et al* (1989) for the parameters of the Horton infiltration relationship. Detailed information regarding development of these empirical curves is provided in Attachment A. The net infiltration curves shown on Figure 3 correspond to a grass-covered site and will prove highly conservative for soils overlain by pavement (e.g., 100x overestimate of $I_f$).

## FIGURE 2: SCHEMATIC DIAGRAM OF SOIL ATTENUATION MODEL (SAM)

### 1. Estimation of the Net Infiltration Rate




Eqn. 1a: For Sand: $I_f\ [cm/yr] = 0.0018 \cdot (P)^2$

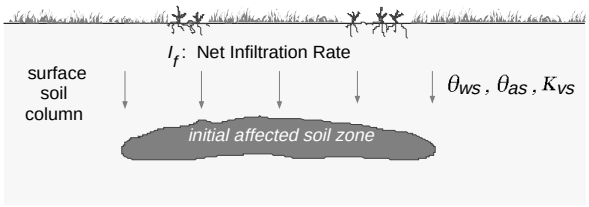
Eqn. 1b: For Silt: $I_f\ [cm/yr] = 0.0009 \cdot (P)^2$

Eqn. 1c: For Clay: $I_f\ [cm/yr] = 0.00018 \cdot (P)^2$

Eqn. 1d: Upperbound net infiltration limit:

$$I_f\ [cm/yr] \le I_{f_{max}} = K_{vs} \cdot \left[\frac{3.15x10^7\ sec}{1\ yr}\right]$$

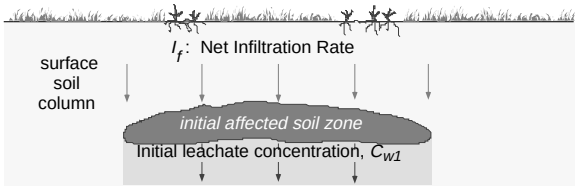
### 2. Equilibrium Volumetric Water and Air Contents




Option 2a) ***Default Values:*** Select default soil moisture parameters ($\theta_{as}$, $\theta_{ws}$) and saturated hydraulic conductivity based on soil type (see Table 2).

Option 2b) ***Site Measurements:*** Conduct site-specific measurements of $\theta_{as}$, and $\theta_{ws}$ on sufficient number of representative soil samples from surface soil column. Conduct field measurements of $K_{vs}$.

### 3, Equilibrium Partitioning: Affected Soil to Leachate




Eqn. 3a: $C_{w1}[mg/L] = K_{sw} \cdot C_T$

where:

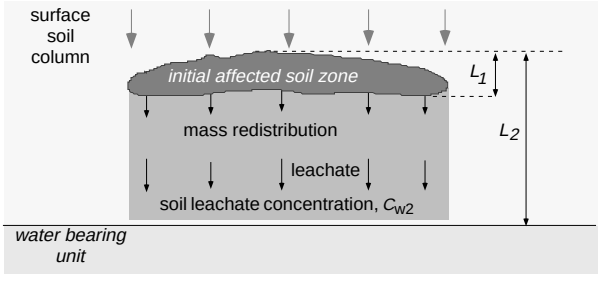
Eqn. 3b: $$K_{sw}\left[\frac{mg/L - H_20}{mg/Kg - soil}\right] = \frac{\rho_s}{B_w}$$

Eqn. 3c: $$B_w = \theta_{ws} + k_s \cdot \rho_s + H \cdot \theta_{as}$$

Eqn. 3d: $$k_s\left[\frac{cm^3 - H_20}{g - soil}\right] = k_{oc} \cdot foc \quad (Organics)$$

Eqn. 3e: $$k_s\left[\frac{cm^3 - H_20}{g - soil}\right] = k_d \quad (Inorganics)$$

### 4. Sorptive Mass Redistribution: Leachate to Underlying Clean Soil




Eqn. 4a: $$C_{w2}[mg/L] = C_{w1} \cdot \frac{L_1}{L_2}$$

Eqn. 4b: Upperbound leachate concentration for mass conservation:

$$C_{w2}[mg/L] \le \frac{C_T \cdot \rho_s \cdot L_1}{I_f \cdot ED}$$

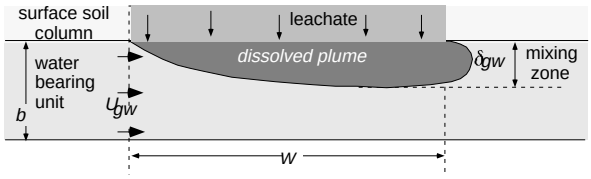
Eqn. 4c: Upperbound leachate concentration for solubility limit:

$$C_{w2}[mg/L] \le X \cdot S$$

***Continued***

## FIGURE 2: SCHEMATIC DIAGRAM OF SOIL ATTENUATION MODEL (SAM) *continued*

### 5. Leachate/Groundwater Dilution




Eqn. 5a: $$LDF\,[unitless] = 1 + \frac{U_{gw} \cdot \delta_{gw}}{I_f \cdot W}$$

where:

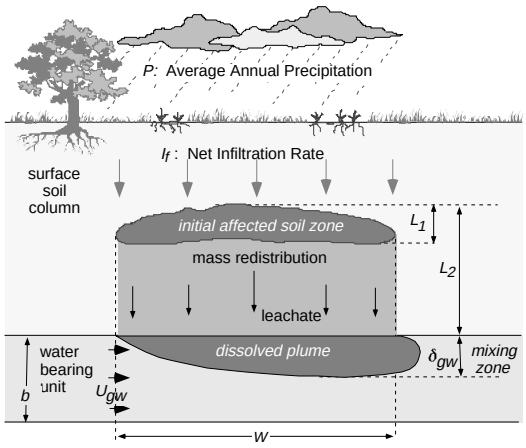
Eqn. 5b: $$U_{gw}[cm/yr] = K \cdot i \cdot \left( \frac{3.15 \times 10^7 \sec}{1yr} \right)$$

Eqn. 5c: $$\alpha_v[cm] = 0.0056 \cdot W$$

Eqn. 5d: $$\delta_{gw}[cm] = \sqrt{2 \cdot a_v \cdot W} + b \cdot \left[ 1 - \exp\left( \frac{-I_f \cdot W}{U_{gw} \cdot b} \right) \right]$$

Eqn. 5e: **Upperbound mixing zone depth:** $\delta_{gw}[cm] \le b$

### 6. Summary Calculations




Eqn. 6a: **Groundwater Exposure Concentration:**

$$C_{gw}[mg/L] = C_{w2} \cdot \frac{1}{LDF} \cdot \left( BDF^* \cdot TAF^* \right)$$

Eqn. 6b: **Soil Target Concentration:**

$$^{GW}Soil_{Ing.}[mg/Kg] = {}^{GW}RBSL \cdot LDF \cdot \frac{L_2}{L_1} \cdot \frac{1}{K_{sw}} \cdot \left( \frac{1}{BDF^* \cdot TAF^*} \right)$$

where:

*Eqn. 6c: **Optional Biodecay Factor:**

$$BDF[dim] = \exp\left[ -\lambda \cdot (L_2 - L_1) \cdot \left( \frac{B_w}{I_f} \right) \right]$$

*Eqn. 6d: **Optional Time Averaging Factor:**

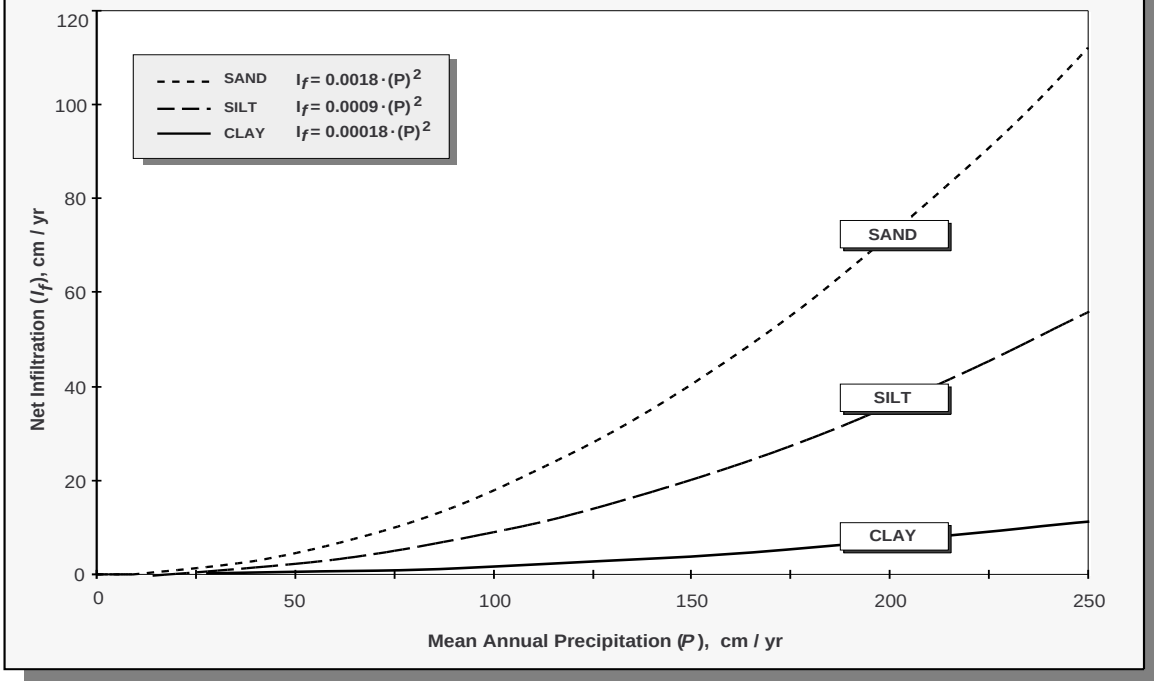
$$TAF[dim] = \frac{L_2 \cdot B_w}{I_f \cdot ED} \cdot \left[ 1 - \exp\left( \frac{-I_f \cdot ED}{L_2 \cdot B_w} \right) \right]$$

### Model Parameters

| | | TEXAS TIER 1 DEFAULT |
|---|---|---|
| b | Saturated thickness of water-bearing unit (cm) | SS |
| $B_w$ | Bulk water partioning coefficient (unitless) | CS |
| $C_{gw}$ | Concentration of COC in groundwater (mg/L) | SS |
| COC | Constituent of Concern | SS |
| $C_T$ | Bulk COC concentration on the soil mass (mg/Kg) | SS |
| $C_{w1}$ | Concentration of COC in soil leachate in the initial affected soil zone (mg/L) | SS/CS |
| $C_{w2}$ | Concentration of COC in soil leachate discharged to underlying water-bearing unit (mg/L) | SS/CS |
| ED | Exposure duration (yr) | 30 |
| foc | Fraction of organic carbon (g-C/g-soil) | 0.006 |
| H | Henry's Law constant for COC ($cm^3$-$H_20$/$cm^3$-air) | CS |
| i | Hydraulic gradient in water-bearing unit (cm/cm) | SS |
| $I_f$ | Net infiltration (cm/yr) | 10 |
| $I_{f\,max}$ | Upperbound infiltration limit (cm/yr) | (see above) |
| K | Hydraulic conductivity of water-bearing unit (cm/sec) | SS |
| $k_d$ | Inorganic soil-water sorption coefficient for COC ($cm^3$-$H_2O$/g-soil) | CS |
| $k_{oc}$ | Organic carbon partition coefficient for COC ($cm^3$-$H_2O$/g-C) | CS |
| $k_s$ | Soil-water sorption coefficient ($cm^3$-$H_2O$/g-soil) | CS |
| $K_{sw}$ | Soil-leachate partition factor for COC (mg/L-$H_2O$/mg/Kg-soil) | CS |
| $K_{vs}$ | Saturated hydraulic conductivity of vadose zone soils (cm/sec) | (see Table 2) |
| $L_1$ | Thickness of affected soil zone (cm) | 60 |
| $L_2$ | Distance from top of affected soil zone to top of water bearing unit (cm) | 60 |
| LDF | Leachate-groundwater dilution factor (unitless) | SS |
| P | Mean annual precipitation (cm/yr) | SS |
| $^{GW}RBSL$ | Risk-Based Screening Level in groundwater zone (mg/L) | CS |
| S | Aqueous solubility of COC (mg/L) | CS |
| $^{GW}Soil_{Ing}$ | Source Area Concentration Limit for soils (mg/Kg) | CS |
| $U_{gw}$ | Groundwater Darcy velocity (cm/yr) | 2,500 |
| W | Lateral width of affected soil zone in direction of GW flow (cm) • 0.5-acre site<br>• 3.0-acre site | 4,500<br>34,800 |
| X | Initial mole fraction of COC in source material (unitless) | 1.0 |
| $\alpha_v$ | Vertical groundwater dispersivity (cm) | (see above) |
| $\delta_{gw}$ | Groundwater mixing zone thickness (cm) | 200 |
| $\lambda$ | Biodecay rate of COC in vadose zone ($yr^{-1}$) | 0 |
| $\theta_{as}$ | Volumetric air content of surface soils ($cm^3$-air/$cm^3$-soil) | 0.13 |
| $\theta_T$ | Total porosity of surface soils ($cm^3$-pore-space/$cm^3$-soil) | 0.43 |
| $\theta_{ws}$ | Volumetric water content of surface soils ($cm^3$-$H_2O$/$cm^3$-soil) | 0.30 |
| $\rho_s$ | Soil bulk density (g-soil/ $cm^3$-soil) | 1.5 |

NOTE: SS = Site-specific parameter CS = Chemical-specific parameter

**FIGURE 3: ESTIMATION OF NET INFILTRATION BASED ON MEAN ANNUAL RAINFALL & SOIL TYPE**




**NOTES:**

1) Net rainfall infiltration through surface soils estimated based on empirical relationship of mean rainfall and predominant soil type in surface soil column. See Attachment A for derivation of empirical formulas.
2) $I_f$ = Net infiltration (i.e., total infiltration corrected for evapotranspiration loss), cm / yr
   P = Mean annual rainfall at site, cm / yr
3) Soil type classified per Unified Soil Classification System (USCS). See Lambe et al., 1969.

## 2) Volumetric Air and Water Contents

- ***Method Description***: For typical soil types, conservative default values for each of the input parameters required in these equations are provided on Table 2. To employ these defaults, the user must first determine the appropriate soil classification for soils within the surface soil column, using either the Unified Soil Classification System (USCS, Lambe et al, 1969) or USDA textural classification method (Peck et al, 1974), based on the predominant soil type observed in site boring logs. Note that for highly stratified systems composed of multiple soil types of roughly equivalent volumes, the lowest permeability soil will control the rate of infiltration and the resulting average moisture content. If desired, site-specific values for volumetric air and water content and saturated hydraulic conductivity can be developed based on measurements conducted on multiple soil samples spatially distributed throughout the surface soil column. However, as the model is not highly sensitive to these parameters, the expense of site-specific analyses may not be warranted in most cases.

**TABLE 2:DEFAULT SOIL PARAMETERS FOR ESTIMATION OF EQUILIBRIUM SOIL MOISTURE CONTENT (USCS SOIL TYPES)**

| USCS SOIL TYPE | | DEFAULT SOIL MOISTURE PARAMETERS | | | DEFAULT HYDRAULIC CONDUCTIVITY |
|---|---|---|---|---|---|
| SYMBOL | DESCRIPTION | $\theta_T$ | $\theta_{ws}$ | $\theta_{as}$ | $K_{vs}$ (cm/s) |
| SW | SAND, clean, well-graded | 0.41 | 0.08 | 0.33 | $10^{-2}$ |
| SP | SAND, clean, poorly-graded | 0.41 | 0.08 | 0.33 | $10^{-2}$ |
| SM | SAND, silty | 0.41 | 0.12 | 0.29 | $10^{-3}$ |
| SC | SAND, clayey | 0.38 | 0.23 | 0.15 | $10^{-5}$ |
| ML | SILT, sandy | 0.43 | 0.26 | 0.17 | $10^{-5}$ |
| ML | SILT | 0.46 | 0.30 | 0.16 | $10^{-5}$ |
| MH | SILT, clayey | 0.36 | 0.24 | 0.12 | $10^{-5}$ |
| CL | CLAY, sandy, low plasticity | 0.38 | 0.31 | 0.07 | $10^{-6}$ |
| CL | CLAY, silty, low plasticity | 0.36 | 0.34 | 0.02 | $10^{-7}$ |
| CH | CLAY, high-plasticity | 0.38 | 0.38 | 0 | $10^{-8}$ |

NOTES:
1) Default values for volumetric water ($\theta_{ws}$) and volumetric air ($\theta_{as}$) contents are to be matched to predominant soil type in surface soil column. See Attachment B for derivation of default values.
2) Typical saturated hydraulic conductivity ($K_{vs}$) values matched to median values reported by Freeze and Cherry (1979) and Rawls and Brakensiek (1985).
3) Unified Soil Classification System (USCS) described in Lambe et al (1969) and ASTM Standard D-2487.

- ***Model Derivation***: The default soil moisture values shown on Table 2 represent equilibrium levels associated with an annual rainfall of 30 inches (U.S. median), derived using the Brooks-Corey (1964) soil characteristic model and the Burdine (1953) equations for the relative permeability of unsaturated soils. Sensitivity analyses show that use of default soil moisture values based on a median rainfall level provides model results that are on average within $\pm$ 5% of those obtained using the site-specific, rainfall-dependent, soil moisture values derived using the Brooks-Corey model. Consequently, use of default soil moisture values represents a reasonable, simplifying measure in the SAM. Attachment B provides detailed information regarding the derivation of these tabulated default values.

Note that the *surface soil column* as defined in this model may consist of an upper unsaturated soil zone as well as a lower saturated soil zone, through which pore water flow is predominantly vertical (downward) toward an underlying water-bearing unit (see Figure 1). In the lower saturated portion of this soil column, the actual volumetric air content ($\theta_{as}$) of the soils will be zero. However, through use of default soil moisture values as listed on Table 2, the SAM characterizes the soil column as a uniform unsaturated soil zone (i.e., $\theta_{as} > 0$). For sites wherein the surface soil column is predominately saturated (e.g., clay stratum overlying confined water-

bearing with high confining head), these equilibrium soil moisture values will prove relatively conservative, contributing to an overestimation of soil leachate concentrations (i.e., higher $K_{sw}$ value; see Equation 3b).

**3) Equilibrium Partitioning**

- ***Method Description***: The transfer of soil contaminants to infiltrating rainwater is characterized on the basis of a conventional equilibrium partitioning relationship among the soil, pore water, and pore vapor phases of the surface soil matrix (see Equations 3a and 3b on Figure 2). Using these equilibrium relationships, the fraction of the soil contaminant mass partitioning to the soil leachate (i.e., soil-leachate partition factor, $K_{sw}$) is defined on the basis of site soil properties ($\rho_s$, $\theta_{ws}$, $\theta_{as}$, foc) and the chemical characteristics of the constituent of concern (H, $k_{oc}$, pH-dependent $k_d$ function). The soil-water sorption coefficient ($k_s$) for each constituent is calculated using separate functions for organic and inorganic constituents, as indicated on Figure 2. Guidelines for derivation of $k_s$ values are provided in the EPA Soil Screening Level (SSL) Document (U.S. EPA, 1996). Multiplying the representative COC concentration in the affected soil mass ($C_T$) by the soil-leachate partition factor ($K_{sw}$) yields an upperbound estimate of the resultant COC concentration in the soil leachate ($C_{w1}$). Under Tier 1, RBSLs can be derived on the basis of fixed default values for the site soil properties, as specified on Figure 2.

- ***Key Assumptions***: The soil-leachate partition factor ($K_{sw}$, see Equation 3b) used in the SAM represents the conventional three-phase equilibrium partitioning relationship for affected environmental media, which has been previously incorporated in both the ASTM E-1739 Appendix X.2 examples (ASTM, 1995) and in the EPA Soil Screening Level Document (U.S. EPA, 1996). The equation assumes instantaneous partitioning at equilibrium levels and thereby provides an upperbound estimate of contaminant release from soils to infiltrating rainwater and subsequently to underlying groundwater. The model neglects the effects of immobile residual non-aqueous phase liquids (NAPLs) that may be present within the affected soil mass. If such NAPL materials are present, many organics partition strongly to this fourth phase (i.e., immobile residual NAPL), reducing the mass fraction available for leachate release. (Note the SAM is not applicable to sites where mobile NAPL is actively percolating from the soil column to the underlying water-bearing unit.) In the SAM, such four-way partitioning has been neglected as a conservative, simplifying measure. As shown on Table 3, for BTEX constituents, neglecting such NAPL partitioning effects results in a conservative overprediction of leachate concentrations by a factor of 1.3x to 4.2x, depending on the assumed residual NAPL concentration in the soil pores (see Cases 1 and 2 on Table 3).

**4) Sorptive Mass Redistribution**

- ***Method Description***: The SAM corrects the equilibrium soil leachate concentration for the effect of sorptive mass loss as the leachate percolates downward toward the underlying

water-bearing unit. This adjustment can prove significant in deep groundwater systems, wherein a significant thickness of unaffected soils underlies the affected soil zone. For the SAM, the affected soil zone is characterized as a finite source mass equivalent to the affected soil mass times the representative constituent concentration. Prior to reaching groundwater, percolating rainwater serves to redistribute this finite source mass among soil, air, and pore fluids throughout the full thickness of the surface soil column.

As a result of this sorptive redistribution of contaminant mass onto intervening soils, the initial equilibrium leachate concentration ($C_{w1}$, as defined by Equation 3a) will be reduced by the ratio of the affected soil zone thickness ($L_1$), divided by the total soil column thickness from the top of the affected soils to the top of the saturated water-bearing unit ($L_2$). These depth parameters can be determined on a site-specific basis from soil boring logs and soil test results. The adjusted leachate concentration ($C_{w2}$) calculated using Equation 4a (see Figure 2) represents the maximum dissolved contaminant concentration in leachate entering the groundwater at any time (i.e., initial leachate front). This maximum leachate concentration can be expected to diminish over time, as the leachate process continually removes source mass from the affected soil zone. However, as a conservative measure, the SAM assumes this initial leachate concentration to remain constant for the full duration of the groundwater exposure period. Note that this upperbound leachate concentration ($C_{w2}$) must be adjusted for mass conservation considerations (Equation 4b) and effective solubility limits (Equation 4c). In each case, the lowest concentration determined by Equations 4a, 4b, and 4c will apply. For derivation of Tier 1 RBSL values, the affected soil unit can be assumed to be in contact with the water-bearing unit (i.e., $L_2/L_1 = 1$) thereby neglecting sorptive redistribution effects. Alternatively, Tier 1 soil RBSL charts can be provided for various ratios of $L_1/L_2$.

- ***Key Assumptions***: Attachment C details the derivation of the sorptive redistribution expression (Equation 4). The equation is based upon an assumption of COC mass conservation as the leachate front moves downward through the surface soil column, with the equilibrium partitioning of contaminants from the leachate to the encountered soil, vapor, and pore liquid phases characterized per Equation 3b. This model corresponds to movement of dissolved constituents through porous media and does not apply to cases involving downward migration of mobile NAPL materials. The equation determines the maximum leachate concentration reaching the depth of groundwater, neglecting the effects of the diminishing source concentration ($C_T$) over time as the leachate process continues. As shown on Table 3 (see Cases 7 and 8), using this maximum leachate concentration rather than a time-averaged value results in a conservative overprediction of chronic groundwater exposure concentrations by a factor of 1.1x to 1.4x, depending on soil column thickness.

**TABLE 3: EFFECT OF KEY ASSUMPTION ON SAM RESULTS**

| SAM MODEL ASSUMPTION | CALCULATED SOIL BENZENE LIMIT (mg/Kg) | | EFFECT OF BASE CASE ASSUMPTION ON CALCULATED SOIL LIMIT | |
|---|---|---|---|---|
| | SENSIVITY RUN RESULTS | BASE CASE RESULT | BASE CASE | SOIL LIMIT MULTIPLIER |
| **No NAPL Partitioning Effect** | | | | |
| • **Case 1: Four-way Partitioning:** Benzene $\theta_{or}$ = 0.01 | 1.94 | 0.46 | Conservative | 4.2x |
| • **Case 2: Four-way Partitioning:** Benzene $\theta_{or}$ = 0.001 | 0.60 | 0.46 | Conservative | 1.3x |
| **No Biodegradation** | | | | |
| • **Case 3: First-Order Decay:** Benzene Half-Life = 160 days; depth to GW: 5 ft | 644 | 0.46 | Conservative | 1400x |
| • **Case 4: First-Order Decay:** Benzene Half-Life = 1600 days; depth to GW: 5 ft | 0.92 | 0.46 | Conservative | 2x |
| **No Competitive Sorption Effects** | | | | |
| • **Case 5: Competitive Sorption:** Equal BTEX concentrations | 0.16 | 0.46 | Non-Conservative | 2.8x |
| • **Case 6: Competitive Sorption:** Benzene concentration = 10% of TEX | 0.11 | 0.46 | Non-Conservative | 4.1x |
| **No Time-Averaging of Groundwater Exposure Levels** | | | | |
| • **Case 7: Time Averaging** ED = 30 yrs; depth to GW: 0 ft | 0.62 | 0.46 | Conservative | 1.4x |
| • **Case 8: Time Averaging:** ED = 30 yrs; depth to GW: 5 ft | 1.38 | 1.23 | Conservative | 1.1x |

NOTES:

1) To evaluate impact of simplifying assumptions on SAM results, sensitivity runs were conducted for the various cases identified above. Sensitivity run results compared to standard model output (base case) to determine net effect (increase/decrease) on calculated soil cleanup standard.

2) **Base Case Input Parameters:**
Thickness of affected soil = 3 ft
Width of affected soil = 15 ft
Lateral Darcy velocity = 0.25 ft/day
Saturated thickness of water-bearing unit = 10 ft
Surface Soil Type: Silty Sand (SM)
Base Case Decay Rate: 0
Soil bulk density = 1.65 kg/L
Organic carbon partition coefficient = 83 L/kg (benzene)
Henry's Law coefficient = 0.23 (benzene)
Fraction organic carbon = 0.005
Soil Moisture Parameters: See SM, Table 2

3) $\theta_{or}$ = Residual saturation of NAPL in soil pores
Depth to GW = Distance from base of affected soils to top of water-bearing unit

The equilibrium partitioning relationship incorporated in the SAM (Equation 3b) also neglects the effects of competitive sorption of dissolved organic constituents onto the free organic carbon (foc) fraction of the soil matrix. In the derivation of the soil-leachate partition factor ($K_{sw}$) for each COC, the full foc mass is assumed to be available for sorption of each constituent. In reality, in the presence of multiple dissolved constituents, the soil-water sorption coefficient ($k_s$) for each COC will be a function of the relative concentration of that COC in the dissolved phase and its binding energy to the soil carbon sorbate. Such competitive sorption relationships have been characterized using Langmuir-type isotherms for filtration design, but are not well understood at the field level. Therefore, for purpose of simplicity, competitive sorption processes have been neglected in the SAM. This measure

can prove unconservative by overestimating soil sorption and consequently underestimating leachate concentrations. As shown on Table 3 (Cases 5 and 6), the degree of error involved depends upon the relative concentrations of the dissolved COCs. For BTEX mixtures, given equal source concentrations of each compound, leachate concentrations are underestimated by a factor of 2.8x to 4.1x. However, in conjunction with the other conservative elements of this model, this simplifying measure does not compromise the conservative nature of the SAM equation (see Item 6 below).

**5) Leachate/Groundwater Dilution**

- ***Model Description***: The SAM incorporates a leachate dilution factor (LDF) to account for dilution of dissolved COC concentrations as leachate mixes with lateral groundwater flow in the underlying water-bearing unit (see Equation 5a on Figure 2). This dilution factor is based upon a simple box model used to estimate mass dilution within a *mixing zone* located in the water-bearing unit directly beneath the affected soil mass (see Figure 2). Dividing the incoming leachate concentration ($C_{w2}$) by the LDF value yields a steady-state groundwater concentration within the mixing zone area.

  The infiltration rate $I_f$ used in Equation 5a can be estimated using the empirical relationships of Equations 1a - 1c or determined from direct site measurements. The lateral groundwater Darcy velocity within the water-bearing unit ($U_{gw}$) can be based on default values (Tier 1) or on site-specific measurements of the hydraulic conductivity and lateral flow gradient of the water-bearing unit (Tier 2). To assist in estimation of mixing zone thickness, the SAM incorporates an equation relating mixing zone dimensions to the saturated thickness of the water-bearing unit and the relative magnitudes of the leachate infiltration and lateral groundwater flowrates (Equations 5b and 5c). This expression can be used to obtain a reasonable estimate of mixing zone thickness in the absence of a measured vertical plume dimension. Alternatively, for an unconfined water-bearing unit, the estimated plume thickness may be matched to the range of water table fluctuation observed at the site. Under Tier 1, the LDF can be derived on the basis of the fixed default plume thickness and groundwater flow parameters, per the example Texas values specified on Figure 2.

- ***Key Assumptions***: The LDF equation used in the SAM (Equation 5a) assumes uniform mixing of groundwater and soil leachate within the area of the mixing zone, estimated to extend over only the upper portion of the water-bearing unit. Given that the screened interval of a water supply well would typically extend below this mixing zone depth, this dilution equation will provide a conservative (upper-range) estimate of potential COC concentrations in groundwater produced from a well drilled in the immediate vicinity of the affected soil zone. The LDF expression and the associated mixing zone equations shown on Figure 2 (Equations 5a - 5c) are the same as those used for development of EPA Soil Screening Level (SSL) values. Detailed discussion of these calculation methods can be found in the SSL Technical Background Document (U.S. EPA, 1996).

### 6) Summary Calculations

- ***Method Description***: Equations 6a and 6b on Figure 2 summarize the calculation methods for i) a groundwater exposure concentration ($C_{gw}$), associated with a given affected soil concentration and ii) a soil target concentration (SSTL value), associated with a given groundwater risk-based exposure limit. These expressions incorporate each of the SAM components described above. Under Tier 2, site-specific input parameters are to be employed as outlined on Table 4. Tier 1 RBSL values can be based on the fixed default parameters specified on Figure 2.

- ***Key Assumptions***: The net effects of the various modeling assumptions noted above on the calculated soil PCL value are indicated on Table 3. As noted previously, neglecting the effects of NAPL-phase partitioning and time-averaged exposure concentrations introduces a conservative factor of roughly 1.5x - 4x into the model results, reducing the calculated soil SSTL value in each case (see Cases 1, 2, 7, and 8). For constituent mixtures, ignoring competitive sorption may contribute a non-conservative factor of 3x - 4x to the model (see Cases 5 and 6). The absence of biodegradation effects may represent the most conservative assumption in the SAM. As shown on Table 3 (Cases 3 and 4), use of first-order decay half-lives of 160 days or 1600 days for benzene (equivalent to 10x and 100x slower decay rates than the published half-life for benzene in soils; see Howard et al, 1991) would increase the allowable soil SSTL value by factors of 1200x and 2x, respectively, above the no-biodegradation case assumed in the SAM.

  As noted previously, the various modeling assumptions itemized on Table 3 have been incorporated in the SAM for purpose of simplicity. Their sum effect is a likely under-estimate of allowable soil SSTL levels and an over-estimate of potential groundwater impacts associated with soil leachate release. Consequently, this modeling approach should prove appropriate for use as a screening-level model under Tiers 1 and 2 of the site evaluation process.

# 3.0 Application of SAM

#### SELECTION OF INPUT PARAMETERS FOR TIERS 1 AND 2

The SAM may be employed for either i) prediction of groundwater exposure concentrations associated with a given affected soil concentration (Equation 6a) or ii) calculation of a soil SSTL value associated with a given groundwater exposure limit (Equation 6b). Applicable input parameters for each component of the SAM are identified on Figure 2. General guidelines for selection of the model input values required for each step of the calculation process are provided on Table 4.

Under Tier 1 of the site evaluation process, soil concentration limits for each COC can be defined on the basis of default values for all model input parameters, including a default soil type (sand) and a fixed or variable ratio of $L_2/L_1$. Example Tier 1 default values for all SAM input parameters proposed for use in the Texas Risk Reduction Program are shown on Figure 2.

Under Tier 2, site-specific values may be employed for the various site parameters used in the SAM. Each of these inputs may be characterized on the basis of actual site measurements, given adequate field and laboratory data. However, given the difficulty of obtaining representative measurements of certain site parameters (e.g., $I_f$, $\theta_{ws}$, etc.), a combination of parameter estimates and direct site measurements may be applied as described below.

**Reasonable Parameter Estimates Under Tier 2**

Under Tier 2, reasonable estimates for the following model input parameters can be derived on the basis of general site information or published references, as follows:

- ***Net Infiltration ($I_f$)***: Estimate using Equations 1a - 1c based on i) predominant soil type in surface soil column and ii) mean annual rainfall in site vicinity.
- ***Estimated Soil Properties ($\theta_{as}$, $\theta_{ws}$, $\rho_s$, foc)***: Volumetric air and water contents ($\theta_{as}$, $\theta_{ws}$) in the surface soil column may be obtained from Table 2 based on the relevant soil type. Soil bulk density ($\rho_s$) and free organic carbon (foc) can be matched to default values (e.g., 1.5 g/cm3 and 0.006, respectively) or measured on a site-specific basis.
- ***Chemical Reference Properties ($K_{oc}$, H)***: Use the chemical property values provided by the regulatory agency or other relevant source (e.g. RBCA Toolkit Software).
- ***Estimated Mixing Zone Thickness ($\delta_{gw}$)***: In lieu of directly measuring the groundwater plume thickness beneath the affected soil zone, Equations 5b and 5c can be used to establish a reasonable estimate of the groundwater-leachate mixing zone thickness. If the saturated thickness (b) of the water-bearing unit has not been determined to date, the user may estimate saturated thickness as the maximum measured vertical extent of the water-bearing unit (i.e., from top of water-bearing unit to base of deepest well or boring) plus some fixed distance. All other parameters required for Equations 5b and 5c should be determined from site-specific measurements under Tier 2. Alternatively, the groundwater-leachate mixing zone thickness may be estimated as the maximum rage of documented annual water table fluctuations within an unsaturated water-bearing unit.

**Direct Site Parameter Measurements Under Tier 2**

For a Tier 2 evaluation, the following site parameters will typically require direct measurement to ensure accurate model results:

- ***Soil Properties (W, $L_1$, $L_2$, $C_s$)***: The lateral (W) and vertical ($L_1$) dimensions of the affected soil zone should be delineated on the basis of soil sampling and testing. For use in the SAM, $L_1$ for each COC should be matched to the maximum thickness of the affected soils containing the COC at levels in excess of Tier 1 limits. To provide a reasonable prediction of potential groundwater impacts, the COC concentration in the affected soil zone ($C_s$) should then be matched to the *average* value measured within soil samples from locations evenly distributed over the depth interval $L_1$.The distance from the top of the

**TABLE 4: SAM MODEL CALCULATION STEPS AND INPUT DATA REQUIREMENTS**

| | MODEL INPUT REQUIREMENTS | | | |
|---|---|---|---|---|
| SAM MODEL EQN. NO. | EQUATION PARAMETER | ESTIMATION METHOD | REQUIRED INPUT DATA | TIER 2 MEASUREMENT OR ESTIMATION GUIDELINES |
| **Step 1: Soil-Leachate Partition Coefficient ($K_{sw}$)** | | | | |
| **Eqn. 3b** | $p_s$ | D or SS | soil type | Use default value (e.g., 1.5 g/cm$^3$) or measure average value directly. |
| | $\theta_{ws}$, $\theta_{as}$ | Eqns. 2a and 2b | soil type | Use default $\theta_{as}$ and $\theta_{ws}$ values from Table 2 based on predominant USCS soil type. Define $I_f$ per Step 3 below. |
| | $k_s$ | Eqns. 3c and 3d | foc, pH, $k_{oc}$, $K_d$-metals | Measure foc or use default value (e.g., 0.006) for vadose zone. Determine $k_{oc}$ for each COC from chemical reference. For metals, measure soil pH and determine $K_d$-pH function from reference literature. |
| **Step 2: Sorptive Redistribution Factor ($L_2/L_1$)** | | | | |
| ---- | $L_1$ | SS | $L_1$ | Define maximum vertical thickness of affected soil zone exceeding Tier 1 limits based on field or laboratory analyses of soil cores |
| | $L_2$ | SS | $L_2$ | Define vertical distance from top of affected soil zone to top of water-bearing unit based on soil boring logs and soil test results. If depth to groundwater is unknown, either set $L_2$ equal to $L_1$ or estimate $L_2$ based on depth to same water-bearing unit at another site in the immediate vicinity. |
| **Step 3: Leachate-Groundwater Dilution Factor (LDF)** | | | | |
| Eqn. 5a | $I_f$ | Eqns. 1a - 1c | P, soil type | Measure directly or estimate using Equations 1a, 1b, or 1c per relevant soil type. For estimation, base P on local climatic records. Match soil type to site boring logs. |
| | $U_{gw}$ | Eqn. 5b | K, i | Measure i for groundwater using appropriate field methods. Based on soil classification tests (ASTM D-422 and D-2487), use default K value from Table 2 for corresponding USCS classification or conduct field measurement of K. |
| | W | SS | W | Parallel to groundwater flow, measure width of soil zone exceeding Tier 1 limit. |
| | $\delta_{gw}$ | Eqn. 5c | b, $\alpha_v$, W, $I_f$, $U_{gw}$ | Measure plume thickness beneath source or use Eqn. 5c. For Eqn. 5c, determine b from boring logs or estimate as maximum known thickness plus fixed distance (e.g., 10 ft). Use default value for $\alpha_v$ (see Eqn. 5c). Alternatively, estimate $\delta_{gw}$ as maximum range of documented annual water table fluctuation. Define all other input parameters as above. |
| **Step 4: Summary Calculations** | | | | |
| Eqn. 6a | $C_s$ | SS | $C_s$ | From field and lab test data, determine average COC concentration (mg/kg) within full affected soil zone corresponds to depth interval $L_1$. |
| Groundwater Exposure Concentration | $K_{sw}$, LDF, $L_1$, $L_2$ | ---- | ---- | Define per Steps 1 - 3 above. |
| Eqn. 6b | $^{GW}RBSL_{Ing.}$ | ---- | ---- | Identify applicable groundwater exposure limit (mg/L), for relevant exposure pathway (e.g., groundwater ingestion or dermal contact). |
| Soil Site-Specific Target Level (SSTL) | $K_{sw}$ LDF, $L_1$, $L_2$ | ---- | ---- | Define per Steps 1 - 3 above. |

**Parameter Definitions:**

| | |
|---|---|
| b | Saturated thickness of water-bearing unit (cm) |
| D | Default value |
| E | Exponent from Burdine relative permeability model (unitless) |
| foc | Free organic carbon content of surface soils [g-C / g-soil] |
| H | Henry's Law constant for constituent [cm$^3$-$H_2O$ / cm$^3$-air] |
| i | Lateral groundwater flow gradient in water-bearing unit (cm/cm) |
| $I_f$ | Net rainfall infiltration through affected soil zone (cm/yr) |
| $k_{oc}$ | Carbon-water sorption coefficient for constituent [g-$H_2O$ / g-C] |
| K | Hydraulic conductivity of underlying water-bearing unit (cm/sec) |
| $K_{sw}$ | Soil-leachate partition coefficient [(mg/L-$H_2O$) / (mg/Kg-soil)] |
| $K_{vs}$ | Saturated hydraulic conductivity of surface soils (cm/sec) |
| $L_1$ | Thickness of affected soil zone (cm) |
| $L_2$ | Thickness of soil column from top of affected soil zone to top of water-bearing unit (cm) |
| P | Average annual rainfall precipitation (cm/yr) |
| $p_s$ | Soil bulk density [g/cm$^3$] |
| SS | Site-specific measure |
| $U_{gw}$ | Darcy velocity (cm/sec) ($U_{gw} = K \cdot I$) |
| W | Width of affected soil zone parallel to groundwater flow direction (cm) |
| $\theta_{as}$ | Volumetric air content of surface soils [cm$^3$ - air/cm$^3$ - soil] |
| $\delta_{gw}$ | Leachate-groundwater mixing zone thickness (cm) |
| $\theta_T$ | Total soil porosity [cm$^3$-pore space / cm$^3$-soil] |
| $\theta_{ws}$ | Volumetric water content of surface soils [cm$^3$-water / cm$^3$-soil] |

affected soil zone to the top of the underlying water-bearing unit ($L_2$) can be determined from on-site boring logs or from data obtained from a separate location in close proximity to the site under evaluation.

- ***Groundwater Flow Properties ($U_{gw}$, K, i)***: For estimation of the leachate-dilution factor (LDF) and mixing zone depth ($\delta_{gw}$), the groundwater Darcy velocity within the underlying water-bearing unit ($U_{gw}$) should be calculated on the basis of site-specific lateral hydraulic flow gradient (i) value and an estimated or measured hydraulic conductivity (K) value. Determination of the lateral hydraulic flow gradient within the water-bearing unit involves triangulation among static water levels measured in at least 3 site wells or piezometers, per standard guidelines. If the soil type of the water-bearing unit has been classified in the laboratory in accordance with ASTM Standards D-422 and D-2487 (ASTM), the hydraulic conductivity of the unit may be estimated using the default values listed on Table 2. Alternatively, K can be directly measured in the field by means of rising-head slug tests or constant-rate pumping tests conducted on properly completed wells or piezometers.

**EXAMPLE APPLICATION OF SAM**

Table 5 presents example soil cleanup standards calculated using the SAM for a range of soil types, depths, and annual rainfall levels. Assumed site conditions are illustrated on Figure 4. In each case, the source area SSTL for the affected soil zone was back-calculated using Equation 6b, based on a 0.005 mg/L benzene exposure limit in the underlying water-bearing unit. For purpose of comparison, benzene soil limits calculated using the soil leachate equations and default infiltration rate (30 cm/yr) listed in ASTM E-1739 are also shown on Table 5.

For the cases analyzed, the ASTM soil concentration limit is a constant (i.e., 0.069 mg/kg benzene on soil). However, the SAM results vary according to annual rainfall, soil type, and thickness of the underlying soils. As shown on Table 5, allowable benzene soil concentrations vary by roughly one order of magnitude between an arid climate condition (e.g., Albuquerque, New Mexico) and a high rainfall area (e.g., Houston, Texas) for a given soil type. For a given rainfall and soil thickness, the allowable benzene level in sand versus clay soils also differs by roughly 10-fold. For each site and each soil type, the soil benzene limit increases with increasing thickness of underlying soils (at a rate that is linear with respect to the ratio $L_2/L_1$, as defined in Equation 6b). Please note that the soil concentration limits listed on Table 5 are example model results for a given set of site conditions and **do not** represent generic cleanup values. Site-specific soil SSTL values must be derived using appropriate model input parameters, per the procedures outlined on Table 4.

**TABLE 5: EXAMPLE SOIL CLEANUP LEVELS CALCULATED USING SAM AND ASTM SOIL LEACHING MODELS**

| SOIL ZONE DIMENSIONS | | | SOIL CONCENTRATION LIMIT FOR BENZENE (MG/KG) | | | | | |
|---|---|---|---|---|---|---|---|---|
| DEPTH TO GROUNDWATER | $L_1$ | $L_2$ | ALBUQUERQUE, NM (P=12 IN/YR) | | KANSAS CITY, KS (P=32 IN/YR) | | HOUSTON, TX (P=48 IN/YR) | |
| (ft) | (ft) | (ft) | SAM | ASTM | SAM | ASTM | SAM | ASTM |
| **SAND (SW-SP)** | | | | | | | | |
| 0 | 3 | 3 | 0.283 | 0.069 | 0.043 | 0.069 | 0.021 | 0.069 |
| 5 | 3 | 8 | 0.756 | 0.069 | 0.114 | 0.069 | 0.055 | 0.069 |
| 10 | 3 | 13 | 1.23 | 0.069 | 0.185 | 0.069 | 0.090 | 0.069 |
| 20 | 3 | 23 | 2.17 | 0.069 | 0.326 | 0.069 | 0.159 | 0.069 |
| 50 | 3 | 53 | 5.01 | 0.069 | 0.752 | 0.069 | 0.365 | 0.069 |
| **SILT (ML)** | | | | | | | | |
| 0 | 3 | 3 | 0.756 | 0.069 | 0.110 | 0.069 | 0.051 | 0.069 |
| 5 | 3 | 8 | 2.01 | 0.069 | 0.293 | 0.069 | 0.137 | 0.069 |
| 10 | 3 | 13 | 3.27 | 0.069 | 0.476 | 0.069 | 0.222 | 0.069 |
| 20 | 3 | 23 | 5.79 | 0.069 | 0.843 | 0.069 | 0.393 | 0.069 |
| 50 | 3 | 53 | 13.3 | 0.069 | 1.94 | 0.069 | 0.905 | 0.069 |
| **CLAY (CH)** | | | | | | | | |
| 0 | 3 | 3 | 3.98 | 0.069 | 2.12 | 0.069 | 2.12 | 0.069 |
| 5 | 3 | 8 | 10.6 | 0.069 | 5.65 | 0.069 | 5.65 | 0.069 |
| 10 | 3 | 13 | 17.3 | 0.069 | 9.18 | 0.069 | 9.18 | 0.069 |
| 20 | 3 | 23 | 30.5 | 0.069 | 16.2 | 0.069 | 16.2 | 0.069 |
| 50 | 3 | 53 | 70.4 | 0.069 | 37.4 | 0.069 | 37.4 | 0.069 |

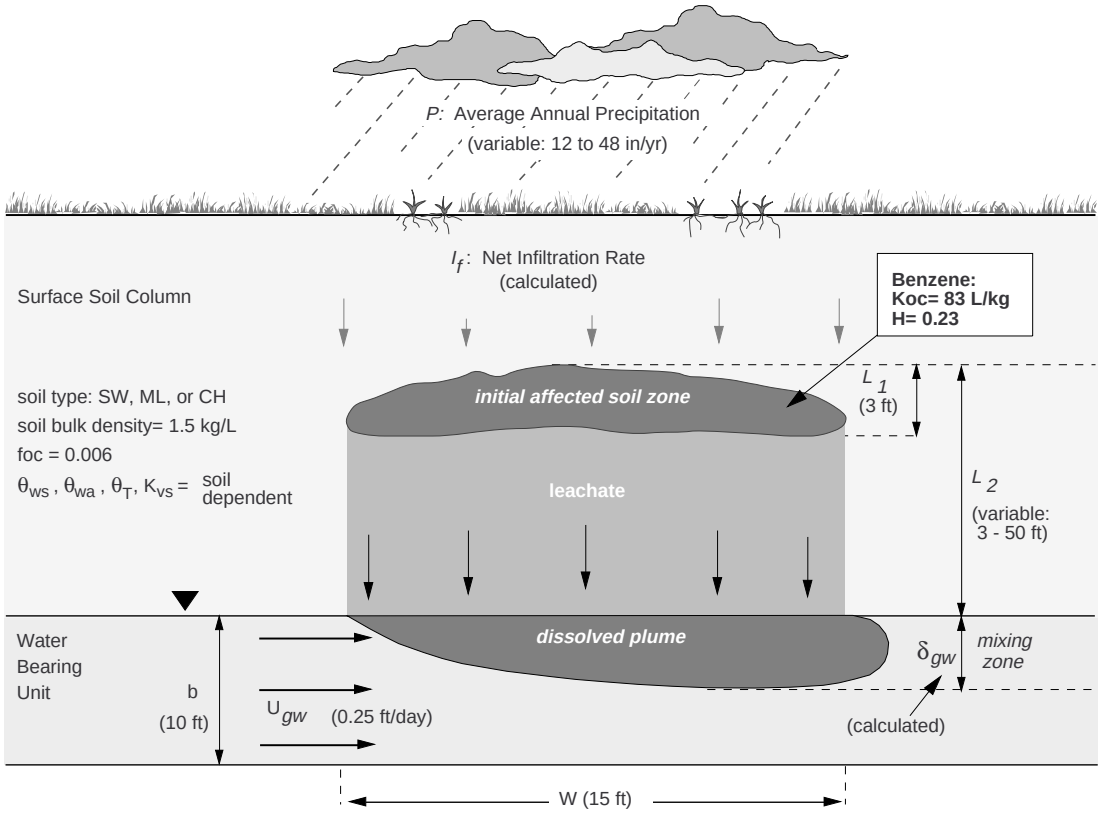
NOTES:

1) Soil concentration limits protective of 0.005 mg/L benzene exposure level in underlying groundwater were calculated using both the SAM (Equation 6b) and the ASTM E-1739 soil leaching equation (ASTM, 1995). ASTM value (0.069 mg/Kg) was based on default infiltration rate listed in Appendix X.2 of ASTM E-1739 (i.e., 30 cm/yr). SAM input varied according to soil type, annual rainfall, and depth of underlying soil. See Figure 4 for case study illustration.

2) Input Parameters:
   Thickness of affected soil = 3 ft
   Width of affected soil = 15 ft
   Lateral Darcy's velocity = 0.25 ft/day
   Saturated thickness of water-bearing unit = 10 ft
   Soil bulk density = 1.7 kg/L
   Organic carbon partition coefficient =38 L/kg (benzene)
   Henry's Law coefficient = 0.23 (benzene)
   Fraction organic carbon = 0.006

3) P = Mean annual precipitation
   Depth to Groundwater = Distance from base of affected soils to top of water-bearing unit ($L_2$ - $L_1$).
   L1 = Thickness of affected soils exceeding Tier 1 limits.
   L2 = Distance from top of affected soils to top of water-bearing unit.

**FIGURE 4: ASSUMED SITE CONDITIONS FOR EXAMPLE SAM MODEL CALCULATION**




NOTES: See Table 5 for calculation results.

See Attachment B for soil-dependent parameter values.

# 4.0 References

American Petroleum Institute (API), 1996, *Estimation of Infiltration and Recharge for Environmental Site Assessment*, Daniel B. Stephens & Associates, Inc., API Publication 4643.

American Society for Testing and Materials (ASTM), 1995, “Emergency Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites,” ASTM E-1739, Philadelphia, PA.

American Society for Testing and Materials (ASTM), “Annual Book of ASTM Standards” Vol 4.08, Philadelphia, PA.

Brooks, R.H., and A.T. Corey, "Hydraulic Properties of Porous Media,” *Hydro. Pap. 3*, Colorado State University, Fort Collins, 1964.

Burdine, N.T., 1953, "Relative Permeability Calculations from Pore-Size Data,” *Trans A.I.M.E. 198*, pp. 71-77.

Carsel, R.F., and R.S. Parrish, 1988, "Developing Joint Probability Distributions of Soil Water Retention Characteristics,” *Water Resources Research* 24(5), pp. 755-769.

Freeze, R.A., and J.A. Cherry, 1979, *Groundwater*, Prentice-Hall, Inc., Englewood Cliffs, NJ.

Geraghty, J.J., D.W. Miller, F. Van der Leeden, and F.L. Troise, 1973, *Water Atlas of the United States*, Water Information Center, Port Washington, NY.

Howard, P.H., R.S. Boethling, W.F. Jarvis, W.M. Meylan, and E.M. Michalenko, 1991, *Handbook of Environmental Degradation Rates*, Lewis Publishers, Inc., Chelsea, MI.

Lambe, T.H., and R.V. Whitman, 1969, *Soil Mechanics*, John Wiley & Son, Inc., New York.

Maidment, D.R., ed., *Handbook of Hydrology*, 1993, McGraw-Hill, Inc., New York, New York.

Peck, R.B., W.H. Hanson, and T.H. Thornburn, 1974, *Foundation Engineering*, 2nd ed., John Wiley & Sons, Inc., New York.

Rawls, W.J., and D.L. Brakensiek, 1985, "Prediction of Soil Water Properties for Hydrologic Modeling", in Proceedings of *Symposium on Watershed Management*, pp. 293-299, ASCE, New York.

Texas Natural Resource Conservation Commission (TNRCC), December 1996, "Texas Risk Reduction Program Concept Document 2", TNRCC Office of Waste Management, Austin, Texas.

U.S. Environmental Protection Agency, 1996, *Soil Screening Guidance: Technical Background Document*, U.S. EPA Office of Solid Waste and Emergency Response, EPA/540/R-95/128.

Viessman, W., G.L. Lewis, and J.W. Knapp, 1989, *Introduction to Hydrology*, 3rd ed., Harper Collins Publishers, New York, New York.

# ATTACHMENT A
# ESTIMATION OF ANNUAL NET INFILTRATION AS A FUNCTION OF MEAN ANNUAL PRECIPITATION AND SOIL TYPE

## Overview of Estimation Method

Net infiltration corresponds to total rainfall infiltration minus the loss associated with evapotranspiration. The net infiltration term ($I_f$) thereby represents the deep percolation flow (in cm/year) through the affected soil zone which could result in leachate release to underlying groundwater. In the SAM, net infiltration is estimated as a function of average annual rainfall (cm/year) and the predominant soil type in the vadose zone (sand, silt, or clay) using the empirical relationships plotted on Figure 2. Derivation of these empirical relationships is detailed below.

The sand soil curve shown on Figure 2 represents an 80% envelope based on rainfall infiltration data for over 100 sandy soil sites in 18 geographic regions in the United States, as compiled by Stephens & Associates (API, 1996). This regression curve provides a conservative (upper-range) estimate of deep percolation for over 80% of the sand or gravel soil sites reported in this database. Curves for silty and clayey soils were derived from this empirical sandy soil curve based on the relative percent infiltration occurring in a 2-hour storm event, as characterized using the Horton infiltration relationship (Viessman et al., 1989). Derivation procedures are detailed below.

## Net Infiltration as a Function of Precipitation for a Sandy Soil

The empirical relationship between net infiltration and annual rainfall in sandy soils was based upon a database of 140 sites from 18 different geographic regions compiled by Stephens & Associates (API, 1996). Among these, 101 sites consisting of sandy or gravelly soils were selected for characterization of sand infiltration rates. Many of the data points included in this subset contain soils much more permeable than sand, such as glacial outwash and other soils containing high percentages of gravel. Consequently, the dataset likely represents a high-range estimate for infiltration through sand.

A plot of percent annual net infiltration vs. mean annual precipitation for these 101 selected data points (see FigureA-1) indicates considerable scatter, but confirms a general trend of increasing percent infiltration with increased annual rainfall. The purpose of this net infiltration model is to provide a reasonable high-range estimate of infiltration rates. Therefore, as shown on FigureA-1, an envelope line for sandy soil infiltration exceeding actual reported infiltration rates for 80% of the site population has been selected as the characteristic curve for net infiltration. This relationship is conservative in that: i) approximately 80% of the representative data fall below the line, and ii) a majority of the data points plotted pertain to soil types more permeable than a sandy soil. Consequently, this curve can be relied upon to provide a conservative over-estimate of infiltration rates and leachate impacts in most sandy soil conditions.

The 80% envelope line for a sandy soil yields the following relationship between percent annual net infiltration and mean annual precipitation (see Figure 1.1):

A) $I_f$ [as % $P$]= 0.018 • ($P$)

where: $I_f$ = mean annual net infiltration as a percentage of precipitation
$P$ = mean annual precipitation, mm/yr

Converting this formula to determine net infiltration in cm/year for an input of annual precipitation in cm/year for a sandy soil yields:

B) $I_f$ [cm/year]= 0.0018 • $(P)^2$

where: $I_f$ = mean annual net infiltration in cm/year
$P$ = mean annual precipitation in cm/year

## Estimation of the Net Infiltration Relationships for Clay and Silt Soils

In order to establish infiltration vs. rainfall relationships for clay and silt soils comparable to that shown on Figure A-1, Horton's infiltration method can be used to estimate infiltration into clay and silt soils as a percentage of infiltration into sandy soils. These infiltration ratios may then be applied to Equation B above to derive clay and silt soil infiltration curves.

*Horton's equation:*

C) $f_p = f_c + (f_o - f_c) \cdot e^{-kt}$

where: $f_p$ = the infiltration capacity (depth/time) at some time (t), in/hr
$k$ = a constant representing the rate of decrease in f capacity, 1/hr
$f_c$ = a final or equilibrium capacity, in/hr
$f_o$ = the initial infiltration capacity, in/hr

The Horton infiltration method is a three-parameter model relating the infiltration capacity at any time ($f_p$) during a storm event to the initial infiltration rate ($f_o$), the final or equilibrium infiltration rate ($f_c$), and an exponential constant representing the decrease in infiltration capacity over time (k) (see Maidment, 1993). The model indicates that in a storm event, as rainfall intensity exceeds infiltration capacity, infiltration tends to decrease in an exponential manner. Based on the use of typical default parameters for various soil types, this model can be used to define infiltration rates in clay and silt soils as a percentage of the rate in sand for a given rainfall. Viessman *et al.* (1989) present typical infiltration curves and Horton parameter values for infiltration through sands, silts, and clays. Maximum parameter values for each given range are shown on Table A-1.

**Table A-1: Typical Parameters for Horton's Method**

| | Infiltration Rate (in/hr) | | |
|---|---|---|---|
| **Soil Group** | **$f_o$ @ t=0** | **$f_1$ @ t=1** | **$f_c$ @ t=∞** |
| **High (Sandy Soils)** | 5.0 | 1.0 | 0.85 |
| **Intermediate (Silty Soils)** | 2.5 | 0.5 | 0.425 |
| **Low (Clayey Soils)** | 0.5 | 0.1 | 0.085 |

From: Viessman et al., 1989

Note that the ratios among sand, silt, and clay are the same (100%, 50%, 10%) for any time. Therefore, the empirical relationship of net infiltration vs. annual rainfall for a sandy soil (Figure A-1) may simply be adjusted by the relative infiltration ratios used for the Horton infiltration method. This yields:

D) i) For **Sand**:

$$I_f = (0.0018) \cdot (P)^2$$

ii) For **Silt**:

$I_f = (50\%) \cdot (0.0018) \cdot (P)^2$

$$I_f = (0.0009) \cdot (P)^2$$

iii) For **Clay**:

$I_f = (10\%) \cdot (0.0018) \cdot (P)^2$

$$I_f = (0.00018) \cdot (P)^2$$

where: $I_f$ = mean annual net infiltration, cm/year
$P$ = mean annual precipitation, cm/year

## References

American Petroleum Institute, Inc., 1996, *Estimation of Infiltration and Recharge for Environmental Site Assessment*, Stephens & Associates, API Publication 4643.

Maidment, D.R., ed., 1993, *Handbook of Hydrology*, McGraw-Hill, Inc., New York, New York.

Viessman, W., G.L. Lewis, and J.W. Knapp, 1989, *Introduction to Hydrology*, 3rd ed., Harper Collins Publishers, New York, New York.

# ATTACHMENT B
# DERIVATION OF DEFAULT SOIL MOISTURE PARAMETERS

## Overview of Methodology

The Brooks and Corey relationship (1964) combined with the Burdine equations (1959) can be used to derive volumetric air and water content values for vadose zone soils that are in equilibrium with the net annual rainfall infiltration rate. For use in the Soil Attenuation Model (SAM), these relationships have been used to establish default soil moisture volumes for various soil types, based on a median annual rainfall. Model sensitivity runs indicate that use of these median values in place of site-specific equilibrium moisture levels does not significantly affect model results. On this basis, these default values have been incorporated in SAM as a simplifying measure.

## Relationships of Soil Moisture to Rainfall Infiltration

Vertical infiltration under equilibrium conditions is related to the vertical hydraulic gradient and the unsaturated hydraulic conductivity at the ambient water content of the vadose zone soil. Unsaturated hydraulic conductivity is commonly expressed as the product of saturated hydraulic conductivity and the relative permeability, yielding the following vertical flow equation:

A) $I_f = i \bullet K_{vs} \bullet k_{rw}$

where:
- $I_f$ = net infiltration
- $i$ = hydraulic gradient
- $k_{rw}$ = relative permeability of the soil, unitless
- $K_{vs}$ = saturated hydraulic conductivity of vadose zone soils

By assuming that infiltration occurs under an average unit hydraulic gradient and solving for the relative permeability, this relationship converts to:

B) $$k_{rw} = \frac{I_f}{K_{vs}}$$

Studies have shown that the relative permeability is a function of the volumetric water content. Using the Brooks and Corey (1964) soil characteristic model combined with the Burdine equations (1959), the relative permeability function is given by:

C) $$k_{rw} = \left[ \frac{\theta_{ws} - \theta_{wr}}{\theta_T - \theta_{wr}} \right]^{\varepsilon}$$

where:
- $k_{rw}$ = relative permeability of the soil, unitless
- $\theta_{ws}$ = volumetric water content soil
- $\theta_T$ = total soil porosity
- $\theta_{wr}$ = irreducible soil water content
- $\varepsilon$ = $3 + 2/\lambda_{BC}$
- $\lambda_{BC}$ = pore size distribution index, unitless (Brooks and Corey, 1964)

Substituting Equation B into Equation C yields the following equation for volumetric water content as a function of annual rainfall infiltration, $I_f$:

$$D) \quad \theta_{ws} = \theta_{wr} + \left[\theta_T - \theta_{wr}\right] \bullet \left[\frac{I_f}{K_{vs}}\right]^{\frac{1}{\varepsilon}}$$

The volumetric air content of the soil can then be derived as:

$$E) \quad \theta_{as} = \theta_T - \theta_{ws}$$

## Derivation of Default Values for Volumetric Water and Air Content

### Default Brooks-Corey Parameters

Equations D and E can be used to estimate equilibrium soil moisture parameters ($\theta_{ws}$, $\theta_{as}$) for a given soil type based on default values of $\theta_T$, $\theta_{wr}$, and $K_{vs}$ for that soil type. For USDA soil types, default values for $\theta_T$ and $\theta_{wr}$ have been established by Carsel and Parrish (1988) using the multiple regression method of Rawls and Brakensiek (1985). Results of the Carsel and Parrish analyses are provided on Table B-1. To develop comparable values for Unified Soil Classification System (USCS) soils, USCS soil types were first correlated to USDA textural classifications as shown on Figure B-1. In most cases, the USCS soil type was found to overlap multiple USDA classifications. Therefore, to establish conservative values for USCS soils, the most conservative value (with respect to leachate concentration) among the overlapped USDA classifications was selected to represent the USCS soil type. For each USCS soil type, Table B-2 provides the resulting $\theta_T$ and $\theta_{wr}$ values. The saturated hydraulic conductivity ($K_{vs}$) of the surface soil column can also be characterized based on predominant soil type. Representative default values obtained from research literature are listed on Table B-3.

**Table B-1: Default Brooks-Corey Parameter Values for USDA Textural Classifications**

| USDA Textural Classification | $\theta_T$ | $\theta_{wr}$ | $\lambda_{BC}$ |
|---|---|---|---|
| Clay | 0.38 | 0.068 | 0.09 |
| Clay loam | 0.41 | 0.095 | 0.31 |
| Loam | 0.43 | 0.078 | 0.56 |
| Loamy sand | 0.41 | 0.057 | 1.28 |
| Silt | 0.46 | 0.034 | 0.37 |
| Silt loam | 0.45 | 0.067 | 0.41 |
| Silt clay | 0.36 | 0.070 | 0.09 |
| Silty clay loam | 0.43 | 0.089 | 0.23 |
| Sand | 0.43 | 0.045 | 1.68 |
| Sandy clay | 0.38 | 0.100 | 0.23 |
| Sandy clay loam | 0.39 | 0.100 | 0.48 |
| Sandy loam | 0.41 | 0.065 | 0.89 |

*Source: Carsel and Parrish, 1988 See Peck et al., 1974 for USDA soil classification.*

*Parameters as defined under Equation C above.*

**Table B-2: Default Brooks-Corey Parameter Values for USCS Soil Types**

| USCS Soil Classification | $\theta_T$ | $\theta_{wr}$ | $\lambda_{BC}$ |
|---|---|---|---|
| SW/SP: Clean Sand | 0.41 | 0.045 | 1.68 |
| SM: Silty Sand | 0.41 | 0.057 | 1.28 |
| SC: Clayey Sand | 0.38 | 0.065 | 0.89 |
| ML: Sandy Silt | 0.43 | 0.067 | 0.56 |
| ML: Silt | 0.46 | 0.034 | 0.37 |
| MH: Clayey Silt | 0.36 | 0.067 | 0.41 |
| CL: Sandy Clay | 0.38 | 0.1 | 0.23 |
| CL: Silty Clay | 0.36 | 0.07 | 0.09 |
| CH: Clay | 0.38 | 0.068 | 0.09 |

*Note: Derived based on correlation to USDA default values, see Figure B-1 See Lambe et al., 1969, for USCS soil classification. Parameters as defined under Equation C above.*

**Table B-3: Typical Hydraulic Conductivity Values for Various Soil Types**

| USCS Soil Classification | Typical Hydraulic Conductivity Values ($K_{vs}$) (cm/s) |
|---|---|
| SW/SP: Clean Sand | $10^{-2}$ |
| SM: Silty Sand | $10^{-3}$ |
| SC: Clayey Sand | $10^{-5}$ |
| ML: Sandy Silt | $10^{-5}$ |
| ML: Silt | $10^{-5}$ |
| MH: Clayey Silt | $10^{-5}$ |
| CL: Sandy Clay | $10^{-6}$ |
| CL: Silty Clay | $10^{-7}$ |
| CH: Clay | $10^{-8}$ |

*Note: Typical saturated hydraulic conductivity values represent median values reported by Freeze and Cherry (1979), Rawls and Brakensiek (1985).*

## Derivation of Default Volumetric Air and Water Content Values

Using Equations D and E in combination with the default parameters on Tables B-1 through B-3, equilibrium soil moisture values ($\theta_{ws}$, $\theta_{as}$) can be derived as a function of soil type and annual rainfall infiltration ($I_f$). To evaluate the sensitivity of the SAM equation to the use of rainfall-dependent soil moisture values, soil leachate concentrations have been calculated for each soil type to compare the use of i) site-specific, rainfall-dependent, soil moisture values (derived using Equations D and E for site-specific rainfall level) and ii) default soil moisture values, derived using

Equations D an E for a fixed rainfall level matched to the U.S. Median level of 30 in/yr (Geraghty-Miller, 1973). Table B-4 summarizes the results of this analysis. As shown, the use of default values instead of site-specific soil moisture values at these rainfall levels produces an average variation of only 5% in the soil leachate concentration predicted by SAM. Consequently, fixed default soil moisture values based upon a median rainfall (i.e., 30 in/yr) can be used in place of the rainfall-dependent values (Equations D and E) with very little error. Default values for volumetric water content ($\theta_{ws}$) and volumetric air content ($\theta_{as}$) for each USCS soil type are provided on Table B-5.

**Table B-4: Comparison of Soil Leachate Concentrations Calculated Using Both Site Specific and Default Soil Moisture Values ($\theta_{ws}$, $\theta_{as}$) for Two Different Rainfall Levels**

| USCS Soil Classification | Predicted Leachate Concentration (mg/L-Benzene) | | | | | | |
|---|---|---|---|---|---|---|---|
| | Low Rainfall (P = 9 in/yr) | | | High Rainfall (P = 55 in/yr) | | | Maximum Difference |
| | Site-Specific $\theta_{ws}$ and $\theta_{as}$ | Default $\theta_{ws}$ and $\theta_{as}$ | Percent Difference | Site-Specific $\theta_{ws}$ and $\theta_{as}$ | Default $\theta_{ws}$ and $\theta_{as}$ | Percent Difference | |
| SW/SP: Clean Sand | 0.715 | 0.695 | 3% | 0.130* | 0.130* | 0% | 3% |
| SM: Silty Sand | 0.682 | 0.655 | 4% | 0.130* | 0.130* | 0% | 4% |
| SC: Clayey Sand | 0.618 | 0.571 | 8% | 0.130* | 0.130* | 0% | 8% |
| ML: Sandy Silt | 0.579 | 0.540 | 7% | 0.260* | 0.260* | 0% | 7% |
| ML: Silt | 0.555 | 0.510 | 8% | 0.260* | 0.260* | 0% | 8% |
| MH: Clayey Silt | 0.604 | 0.568 | 6% | 0.260* | 0.260* | 0% | 6% |
| CL: Sandy Clay | 0.546 | 0.518 | 5% | 0.507 | 0.518 | 2% | 5% |
| CL: Silty Clay | 0.515 | 0.504 | 2% | 0.493 | 0.504 | 2% | 2% |
| CH: Clay | 0.487 | 0.479 | 2% | 0.479 | 0.479 | 0% | 2% |
| | | | | | | **AVERAGE:** | **5%** |

*Notes:*

1) *Table compares SAM results for soil leachate concentrations as calculated using either i) rainfall-dependent soil moisture values, calculated per Equations D and E or ii) default soil moisture values, derived using Equations D and E for assumed rainfall of 30 in/yr (U.S. Median).*

2) *Leachate concentrations calculated for 2 rainfall levels corresponding to lowest (9 in/yr) and highest (55 in/yr) average annual rainfall levels reported for U.S. States (Geraghty-Miller, 1973). Net infiltration estimated for each soil type using Equations 1a - 1d of Figure 2. Soil leachate concentrations calculated using Equation 4a of Figure 2.*

3) *Concentrations based on a benzene source concentration of 1.0 mg/L, source thickness of 3 ft, source width of 15 ft, and no biodegradation. The distance from the bottom of the affected soil zone to the to the top table of the water ($L_2$) was assumed to be 10 ft; however, relative leachate concentrations for different rainfalls are independent of this distance.*

4) ** = Value corresponds to upperbound leachate concentration for mass conservation (see Equation 4b of Figure 2).*

**Table B-5: Default Volumetric Water and Air Contents for USCS Soil Types**

| USCS Soil Classification | $\theta_T$ | $\theta_{ws}$ | $\theta_{as}$ |
|---|---|---|---|
| SW/SP: Clean Sand | 0.41 | 0.076 | 0.334 |
| SM: Silty Sand | 0.41 | 0.12 | 0.29 |
| SC: Clayey Sand | 0.38 | 0.23 | 0.15 |
| ML: Sandy Silt | 0.43 | 0.26 | 0.17 |
| ML: Silt | 0.46 | 0.3 | 0.16 |
| MH: Clayey Silt | 0.36 | 0.24 | 0.12 |
| CL: Sandy Clay | 0.38 | 0.31 | 0.07 |
| CL: Silty Clay | 0.36 | 0.34 | 0.02 |
| CH: Clay | 0.38 | 0.38 | 0 |

*Note:*

$\theta_T$ = *Total soil porosity ($cm^3$-voids/$cm^3$-soil)*

$\theta_{ws}$ = *Volumetric water content ($cm^3$-water/$cm^3$-soil)*

$\theta_{as}$ = *Volumetric air content ($cm^3$-air/$cm^3$-soil)*

## References

American Petroleum Institute., 1996, *Estimation of Infiltration and Recharge for Environmental Site Assessment,* Stephens & Associates, API Publication 4643.

Brooks, R.H., and A.T. Corey, " Hydraulic Properties of Porous Media", *Hydro. Pap. 3,* Colorado State University, Fort Collins, 1964.

Burdine, N.T., 1953, " Relative Permeability Calculations from Pore-Size Data", *Trans A.I.M.E. 198,* pp. 71-77.

Carsel, R.F., and R.S. Parrish, 1988, " Developing Joint Probability Distributions of Soil Water Retention Characteristics", *Water Resources Research,* 24(5), pp. 755-769.

Freeze, R.A., and J.A. Cherry, 1979, *Groundwater*, Prentice-Hall, Inc., Englewood Cliffs, NJ.

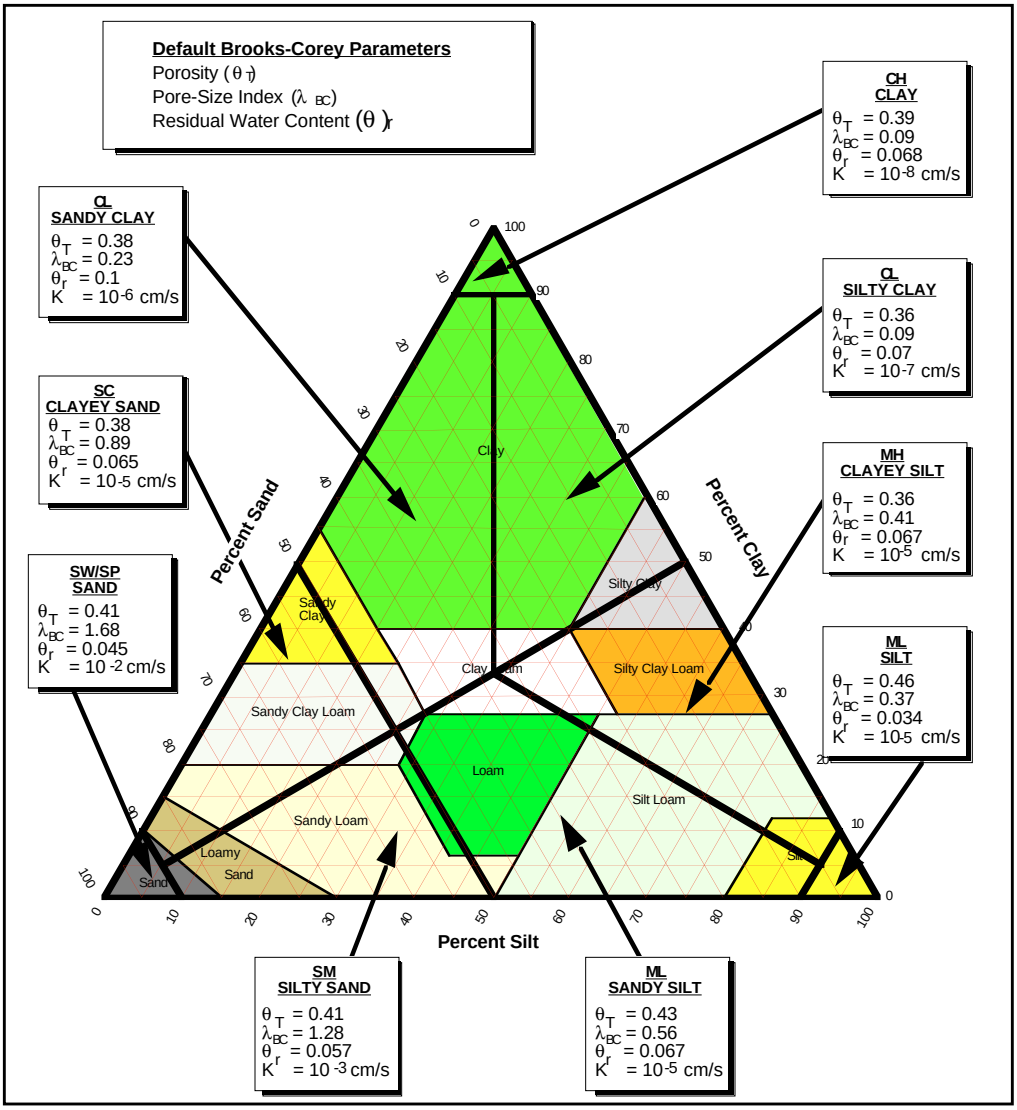
Geraghty, J.J., D.W. Miller, F. Van der Leeden, and F.L. Troise, 1973, *Water Atlas of the United States*, Water Information Center, Port Washington, NY.

Lambe, T.H., and R.V. Whitman, 1969, *Soil Mechanics*, John Wiley & Sons, Inc., New York, New York.

Peck, R.B., W.H. Hanson, and T.H. Thornburn, 1974, *Foundation Engineering*, 2nd ed., John Wiley & Sons, Inc., New York, New York.

Rawls, W.J., and D.L. Brakensiek, 1985, "Prediction of Soil Water Properties for Hydrologic Modelling", in *Proceedings of Symposium on Watershed Management,* pp. 293-299, ASCE, New York.

**FIGURE B-1: GENERALIZED CORRELATION OF USCS AND USDA SOIL TYPES AND DEFAULT BROOKS-COREY PARAMETERS**




Notes:

1) Correlations between USDA and USCS soil classification categories are approximate, based on the general range of soil grain size. Parameter values for USCS Classification were chosen as the most conservative values from corresponding USDA estimates (Carsel and Parrish, 1988; Rawls & Brakensiek, 1985). See Table B-1 for parameter values corresponding to USDA soil types.
2) See Peck et al., 1974 for USDA soil classifications. See Lambe et al., 1969 or USCS soil classifications.

# ATTACHMENT C
# SORPTIVE MASS REDISTRIBUTION: LEACHATE TO UNDERLYING CLEAN SOIL

## Overview

In the SAM model, contaminant transfer from the affected soil to the infiltrating porewater is characterized on the basis of a conventional equilibrium partitioning relationship (see Equations 3b and 3c on Figure 2). The model then corrects this initial leachate concentration for the effect of sorptive mass loss as the leachate percolates downward through the soil column toward the underlying groundwater zone. As a result of sorptive redistribution of contaminant mass from the leachate onto intervening soils, the initial equilibrium leachate concentration will be reduced prior to reaching the depth of the water-bearing unit. This adjustment can prove significant in deep groundwater systems, wherein a significant thickness of unaffected soils may underlie the affected soil zone.

This Attachment derives a simple expression for this sorptive redistribution effect, based on a finite source mass and equilibrium partitioning of leachate onto underlying soils.

## Sorptive Mass Redistribution

As indicated on Figure C-1, the source zone for contaminated leachate release to groundwater can be characterized as a discrete area ($A$) and thickness ($L_1$) of affected soils within the surface soil column overlying the uppermost water-bearing unit beneath the site. This source zone represents a finite source mass (equivalent to the bulk mass of affected soil times the representative COC concentration) that is spread downward through the soil column via leachate percolation. If, as a conservative measure, the processes of contaminant biodegradation and volatilization are neglected, the total mass of contaminants in the soil column remains constant as the leachate front moves toward the underlying water-bearing unit.

*Assuming equilibrium partitioning among the soil solid, pore liquid, and vapor phases as the contaminants spread over a soil depth (L) yields the following expression:*

A) $$A \cdot B_w \cdot C_w \cdot L = \text{Constant}$$

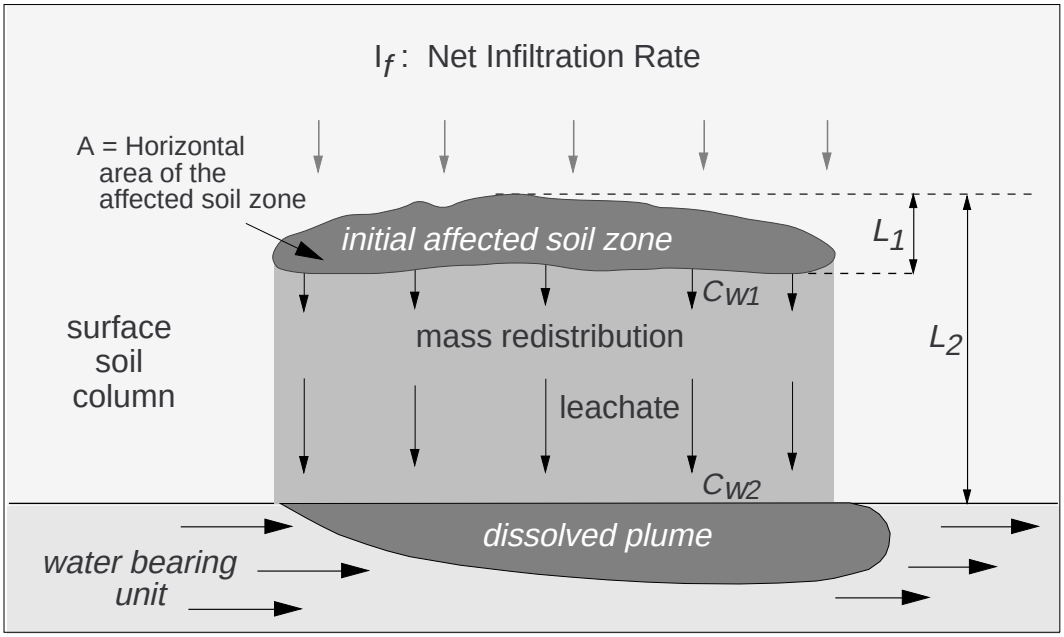
where: $A$ = area of affected soil zone
$B_w$ = bulk water partitioning coefficient
$C_w$ = COC concentration in the soil pore water
$L$ = distance from the top of the affected soil zone to depth of leachate front

*Given equilibrium partitioning, the bulk water partitioning coefficient ($B_w$) is expressed as:*

B) $$B_w = \theta_{ws} + H \cdot \theta_{as} + \rho_s \cdot k_s$$

where: $\theta_{ws}$ = volumetric water content of soil column
$\theta_{as}$ = volumetric air content of soil column
$H$ = Henry's law constant for COC
$p_s$ = bulk soil density

**FIGURE C-1: MASS REDISTRIBUTION PARAMETERS**




The affected soil area *(A)* and the bulk partitioning coefficient *($B_w$)* remain constant as the finite contaminant mass is redistributed to soils below the initial source zone. Prior to leachate release into the underlying water-bearing unit, the total contaminant mass is a constant for any soil depth *L*. Therefore:

*Mass in the redistributed source zone can be expressed as a function of its length and concentration and is equal the original source zone mass:*

C) $A \cdot B_w \cdot C_{w_1} \cdot L_1 = A \cdot B_w \cdot C_{w2} \cdot L_2$, or

D) $C_{w2} \cdot L_2 = C_{w1} \cdot L_1$

*Solving for the leachate concentration ($C_{w2}$) immediately prior to leachate release to the water-bearing unit yields:*

E) $$C_{w2} = C_{w1} \cdot \frac{L_1}{L_2}$$

where: $C_{w2}$ = COC concentration in the leachate at the depth of the water-bearing unit
$C_{w1}$ = COC concentration in the leachate at the base of the initial affected soil zone
$L_1$ = thickness of the original source zone
$L_2$ = distance from the top of the affected soil zone to the top of the saturated water-bearing unit

As the leachate process continues, contaminant mass will be released to underlying lateral groundwater flow, resulting in a net reduction in contaminant mass in the soil column and a consequent reduction in the soil leachate concentration $(C_{w2})$ entering the groundwater unit over time. In the SAM model, this diminishing source concentration is neglected as a conservative measure. The influent soil leachate concentration is assumed to remain constant over time, equal to the initial concentration in the leachate front (i.e., $C_{w2}$ as calculated per Equation E above).

# ATTACHMENT D
# TIME AVERAGING FACTOR: DIMINISHING LEACHATE SOURCE TO GROUNDWATER

## Overview of Source Depletion Process

In the SAM, a constant finite contaminant mass is redistibuted downward through the vertical soil column via equilibrium partitioning between the advancing leachate and the clean underlying soils. Upon reaching the water-bearing unit, the contaminant mass in the vertical soil column will decrease with time as the leachate process continually removes mass from the affected soil. However, as a conservative measure, the SAM assumes this initial leachate concentration to remain constant for the full duration of the groundwater exposure period. This assumption may prove to be overly conservative for carcinogenic compounds, where chronic effects are dependant on average COC concentrations over a particular exposure duration (e.g., typically 25 or 30 years for residential and industrial exposure scenarios, respectively). As an optional meaure for use with the SAM, a time averaging factor (TAF) has been derived to account for the diminishing leachate source to groundwater for a Tier 3 evaluation of carcinogenic COCs.

This Attachment derives a simple expression for a 30-year time averaging factor starting with the time the leachate first reaches the water bearing zone at an initial concentration ($C_{w0}$). This derivation is based on a mass balance of the vertical soil column between the top of the affected soil zone and the water table. The control volume has a discrete cross-sectional area ($A$) and thickness ($L$)

## Time Averaging Factor (TAF) Derivation

*C(t) is the leachate concentration in the control volume at any time, t. Assuming equilibrium partitioning, the total contaminant mass is given by*

A) $$M(t) = A \bullet L \bullet B_w \bullet C(t)$$ and

B) $$B_w = \theta_{ws} + H \bullet \theta_{as} + \rho_s \bullet k_s$$

where:
- $B_w$ = bulk water partitioning coefficient
- $\theta_{ws}$ = volumetric water content of soil column
- $\theta_{as}$ = volumetric air content of soil column
- $H$ = Henry's law constant for COC
- $p_s$ = bulk soil density
- $k_s$ = soil-water sorption coefficient for COC

*The time rate of change of contaminant mass in the control volume is equivalent to the advective contaminant flux via leachate to the groundwater. This is expressed as:*

C) $$\frac{dM}{dt} = A \bullet L \bullet B_w \bullet \frac{dC}{dt} = -A \bullet I_f \bullet C(t)$$

where: $I_f$ = net infiltration rate

*and rearranging yields:*

D) $$\frac{dC}{C(t)} = \frac{-I_f}{L \bullet B_w} dt$$

*For $C(t)=C_{w0}$ at $t=0$, this expression is integrated to yield:*

E) $$C(t) = C_{w0} \bullet \exp\left[\frac{-I_f \bullet t}{L \bullet B_w}\right]$$

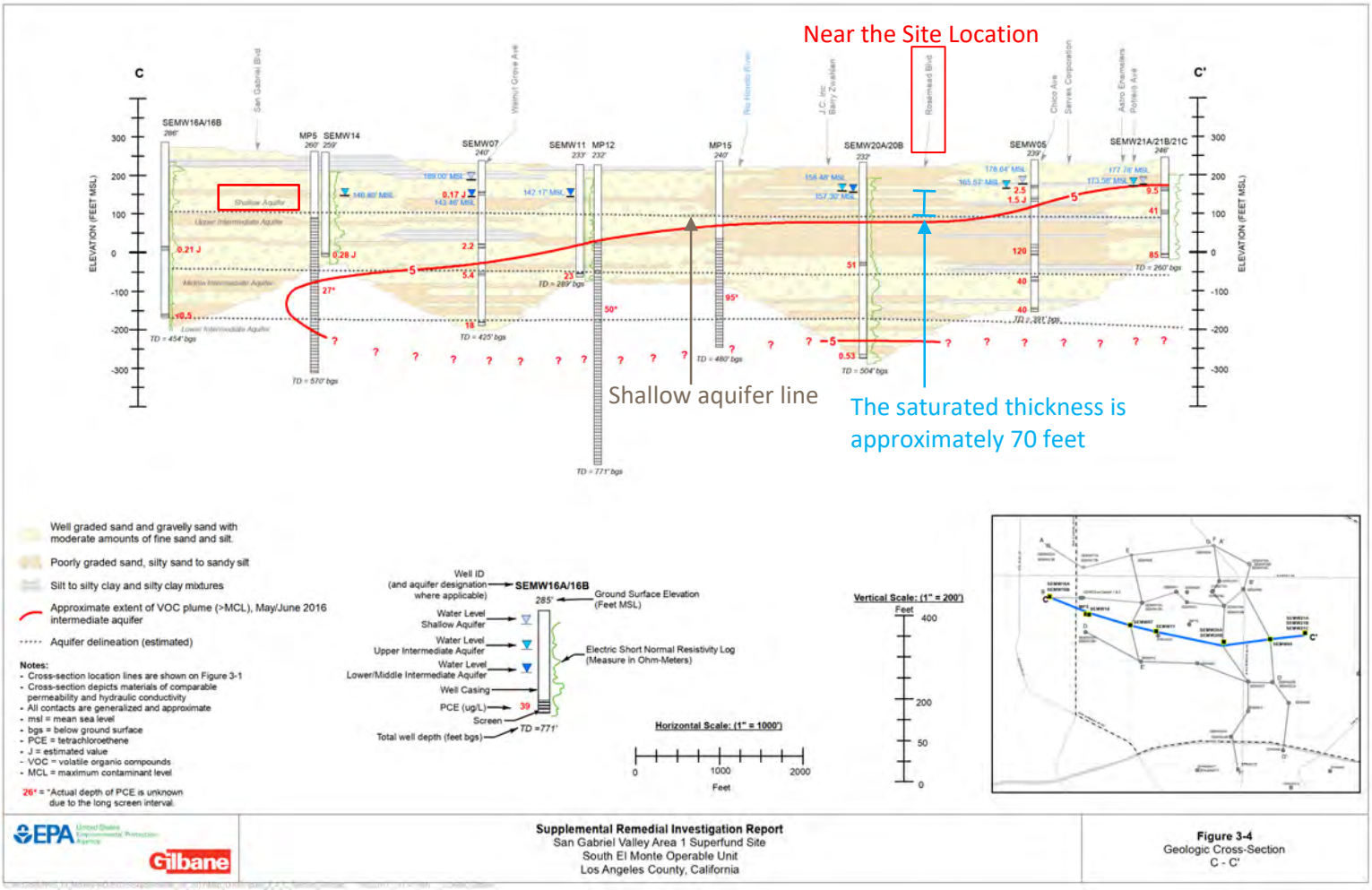
*The TAF is the normalized average concentration $C_{avg}/C_{w0}$ over the exposure duration (ED) from $t=0$ to $t= ED$. This is expressed by:*

F) $$TAF = \frac{C_{avg}}{C_{w0}} = \frac{1}{ED} \bullet \int_0^{ED} \exp\left[\frac{-I_f \bullet t}{L \bullet B_w}\right] dt = \frac{L \bullet B_w}{I_f \bullet ED} \bullet \left[1 - \exp\left[\frac{-I_f \bullet ED}{L \bullet B_w}\right]\right]$$

# APPENDIX B
# Basis for Shallow Aquifer Thickness

## Appendix B – Basis for Shallow Aquifer Thickness

The value of 70 feet was used for the parameter, shallow aquifer thickness (b), in Table 1. This aquifer thickness is based on the regional shallow aquifer thickness reported in Figure 3-4 of the following report – "Supplemental Remedial Investigation Report, San Gabriel Valley Area 1 Superfund Site, South El Monte Operable Unit, Los Angeles County, California," dated November 2019, prepared by Gilbane.




**Supplemental Remedial Investigation Report**
San Gabriel Valley Area 1 Superfund Site
South El Monte Operable Unit
Los Angeles County, California

**Figure 3-4**
Geologic Cross-Section
C - C'

# APPENDIX C
# Basis for Hydraulic Conductivity for Shallow Groundwater

## Appendix C – Basis for Hydraulic Conductivity for Shallow Groundwater

The value of 1.8 feet per day (or 0.00064 centimeter/second) was used for the parameter, hydraulic conductivity for shallow groundwater aquifer (K), in Table 1. This value is based on the site-specific hydraulic conductivity value estimated using the well development data of MW-6 and the aquifer testing software - AQTESOLV. The well development log for MW-6 is shown below.

EEC ENVIRONMENTAL

**Well Development Data Sheet**

| | |
|---|---|
| Project # S-3597.03T | Client: Pacific Drum Company/Rosemead Holding |
| Sampler: Mia LeClerc | Start Date: 01/04/23 |
| Well I.D.: MW-6 | Well Diameter: 2 3 (4) 6 8 Other: |
| Total Well Depth: 70.02 | Depth to Water: Pre: 53.62 Post: 56.25 |
| Depth to Free Product: — | Thickness of Free Product: (feet): |
| Reference to: PVC Grade | Flow Cell Type: Horiba |
| Purge Method: (2"Grundfos Pump) 01/04/23 | Peristaltic Pump Quickie Bailer Other: mega Hurricane |
| Flow Rate: 1 gal/min | Pump Depth: |

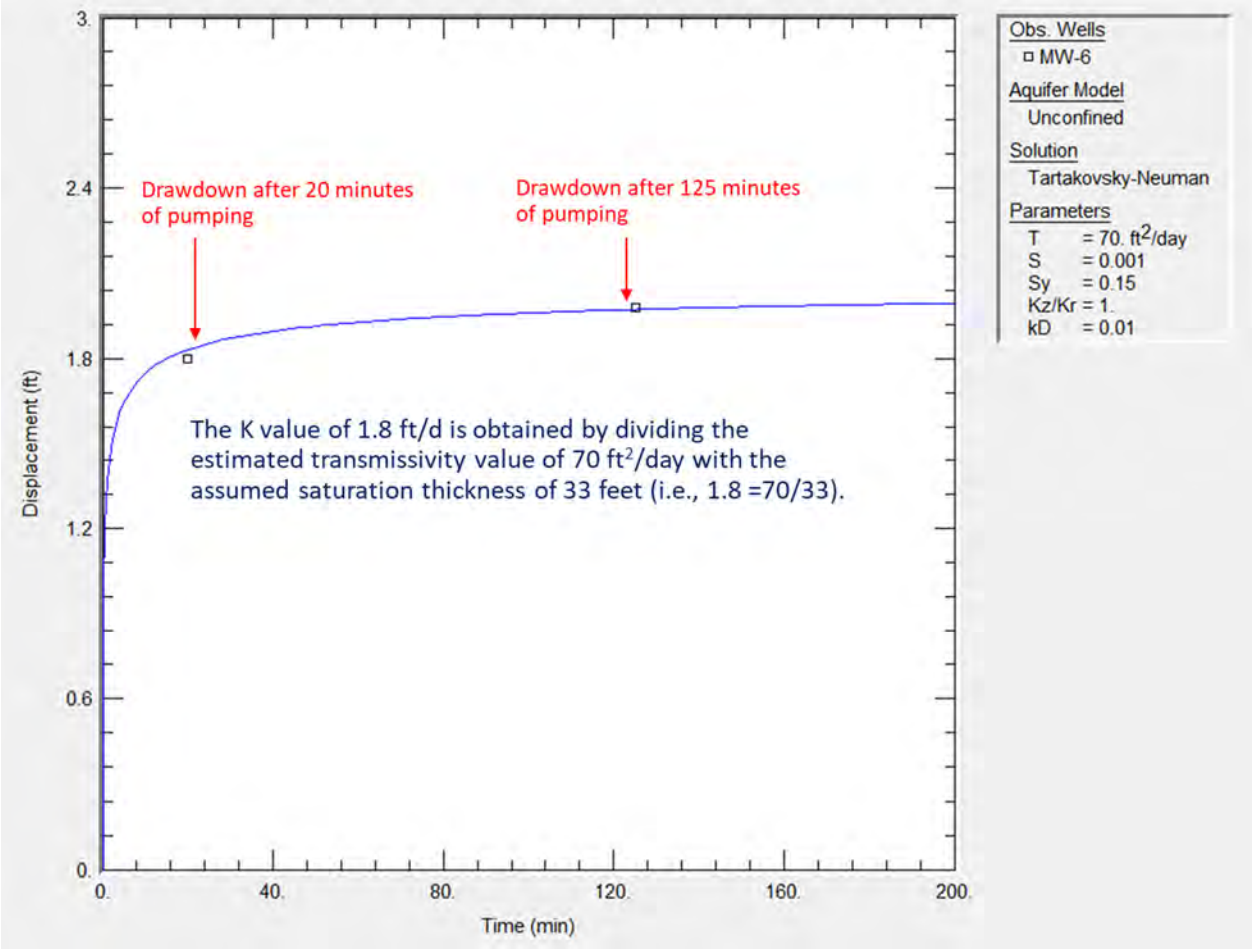
| Well Volume Calculation (Fill in Before Purging) | Total Depth (ft) | - | Depth to Water (ft) | = | Water Column (ft) | Multiplier for Casing Diameter (in) 2 | 4 | 6 | = | Casing Volume (gal) |
|---|---|---|---|---|---|---|---|---|---|---|
| | 70.02 | | 53.62 | | 16.4 | 0.16 | 0.65 | 1.47 | | 10.60 |

| Time | Temp (°C or °F) | pH | Cond (mS or uS) | Turbidity (NTUs) | Water Removed (gals or mL) | DO | ORP | Water Level | Odor/ Color |
|---|---|---|---|---|---|---|---|---|---|
| 0824 | 20.21 | 6.39 | 1.55 | 180 | 20 | 5.36 | -26 | 55.42 | slightly cloudy/light odor |
| 0835 | 19.47 | 7.47 | 1.58 | 91.7 | 30.66 | 9.88 | -43 | 55.50 | clear/light odor |
| 0845 | 19.80 | 7.86 | 1.56 | 38.5 | 41.32 | 5.15 | -40 | 55.51 | clear/light odor |
| 0856 | 19.52 | 7.91 | 1.56 | 109 | 51.98 | 9.89 | -46 | 55.12 | clear/light odor |
| 0906 | 19.86 | 7.98 | 1.57 | 46.4 | 62.69 | 5.55 | -37 | 55.66 | clear/light odor |
| 0917 | 19.83 | 7.87 | 1.57 | 13.9 | 73.3 | 2.21 | -53 | 56.46 | clear |
| 0927 | 19.92 | 8.08 | 1.57 | 3.5 | 83.96 | 5.41 | -31 | 56.41 | clear |
| 0938 | 19.71 | 8.09 | 1.57 | 5.2 | 94.62 | 5.47 | -28 | 56.75 | clear |
| 0949 | 19.88 | 8.13 | 1.56 | 22.1 | 105.28 | 9.79 | -63 | 55.65 | clear |
| 0959 | 20.75 | 8.02 | 1.59 | 20.0 | 115.98 | 9.82 | -52 | 55.60 | clear |
| 1009 | 19.82 | 8.13 | 1.55 | 12.4 | 126.64 | 6.06 | -24 | 55.60 | clear |
| 1020 | 19.59 | 8.16 | 1.57 | 0.8 | 137.3 | 6.34 | -21 | 56.18 | clear |
| 1030 | 20.03 | 8.12 | 1.56 | 1.1 | 147.96 | 6.61 | -30 | 56.25 | clear |
| 1033 | — | — | pump | stop | — | — | — | 56.25 | — |

* odors me like sulfur

Pg 1 OF 1

The results of the AQTESOLV analysis are shown in the figure below.




Note that the K value for the shallow aquifer is much higher based on the hydraulic conductivity value reported in Page A-5 of the following report – "Feasibility Study Report, South El Monte Operable Unit, Interim Remedial Investigation/Feasibility Study, San Gabriel Basin, Los Angeles County, California," dated April 1999, prepared by Geosystem (see the image on the next page). Therefore, the use of 1.8 feet per day obtained from well development data of Site monitoring well MW-6 is likely very conservative.

A.1.6.1 Hydraulic Conductivity

In the CFEST model, hydraulic conductivity is considered isotropic in the horizontal plane. The areas of different horizontal hydraulic conductivity in each of the eight model layers are shown in Figures A-4 through A-11. It should be noted that the layers are not numbered sequentially from the top of the model mesh to the bottom. Rather, new layers incorporated into the model as new data became available were assigned sequential layer numbers irrespective of their depth.

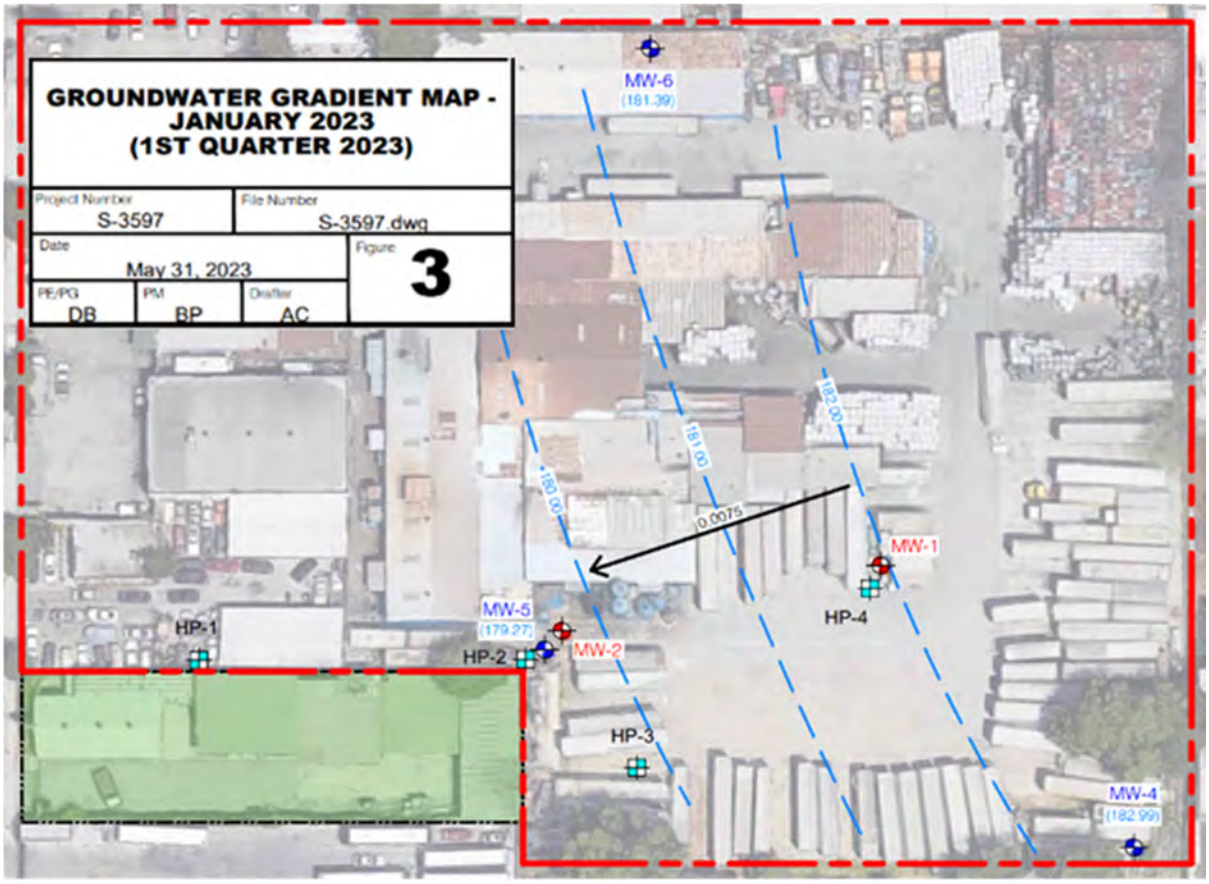
Figure A-4 shows shallow zone (Layer 1) conductivities ranging from 25 to 200 ft/day in the SEMOU and 300 ft/day throughout most of the Whittier Narrows. A low hydraulic conductivity value (0.1 ft/day) has been assigned to part of Layer 2 of the model in the vicinity of the SEMOU (Figure A-5) to simulate the "separating sequence" between the shallow and intermediate water-bearing zones in that area. The thickness of the separating sequence has been set to 100 feet, occurring between 100 and 200 feet below the top of the model. Layer 3 is representative of the intermediate zone within SEMOU. The intermediate zone horizontal conductivity has been set at 50 ft/day in the western SEMOU and 100 ft/day in the eastern SEMOU.

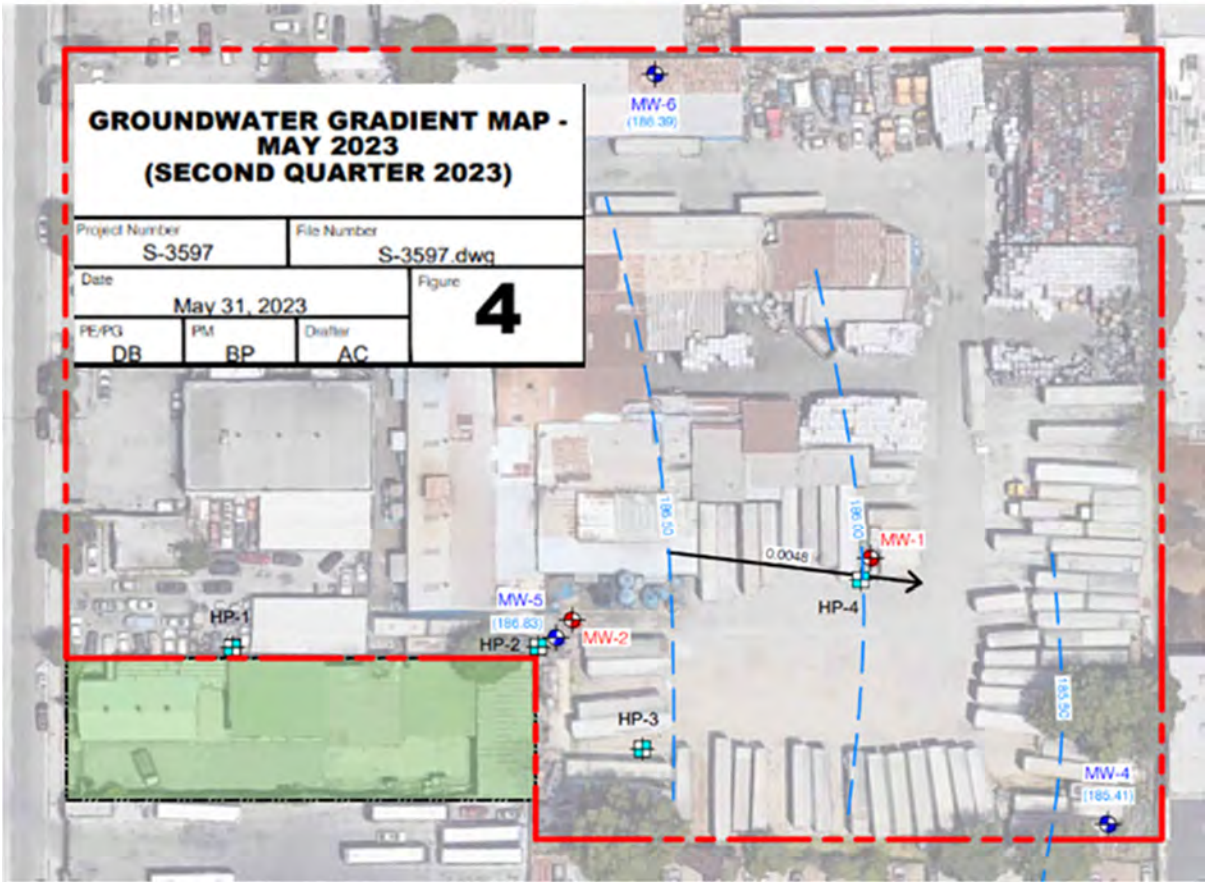
The ratio of horizontal to vertical hydraulic conductivity was initially set by EPA at 10:1 throughout most of the basin-wide model. However, during model calibration, EPA modified the conductivity ratios within the SEMOU, WNOU, and Montebello Forebay. For

# APPENDIX D
# Basis for Hydraulic Gradient

## Appendix D – Basis for Hydraulic Gradient

The value of 0.0027 was used for the parameter, hydraulic gradient (i), in Table 1. This value is based on the difference in groundwater gradients (0.0075 and 0.0048) measured in January 2023 and May 2023, as reported in the June 2023, EEC Environmental Groundwater Well Installation and Sampling Report (see the image on the next page). Because the groundwater flow direction at the Site is not constant, the use of the difference in the measured hydraulic gradients for the two monitoring events is considered more appropriate to not overestimate the extent of the groundwater flow beneath the Site.



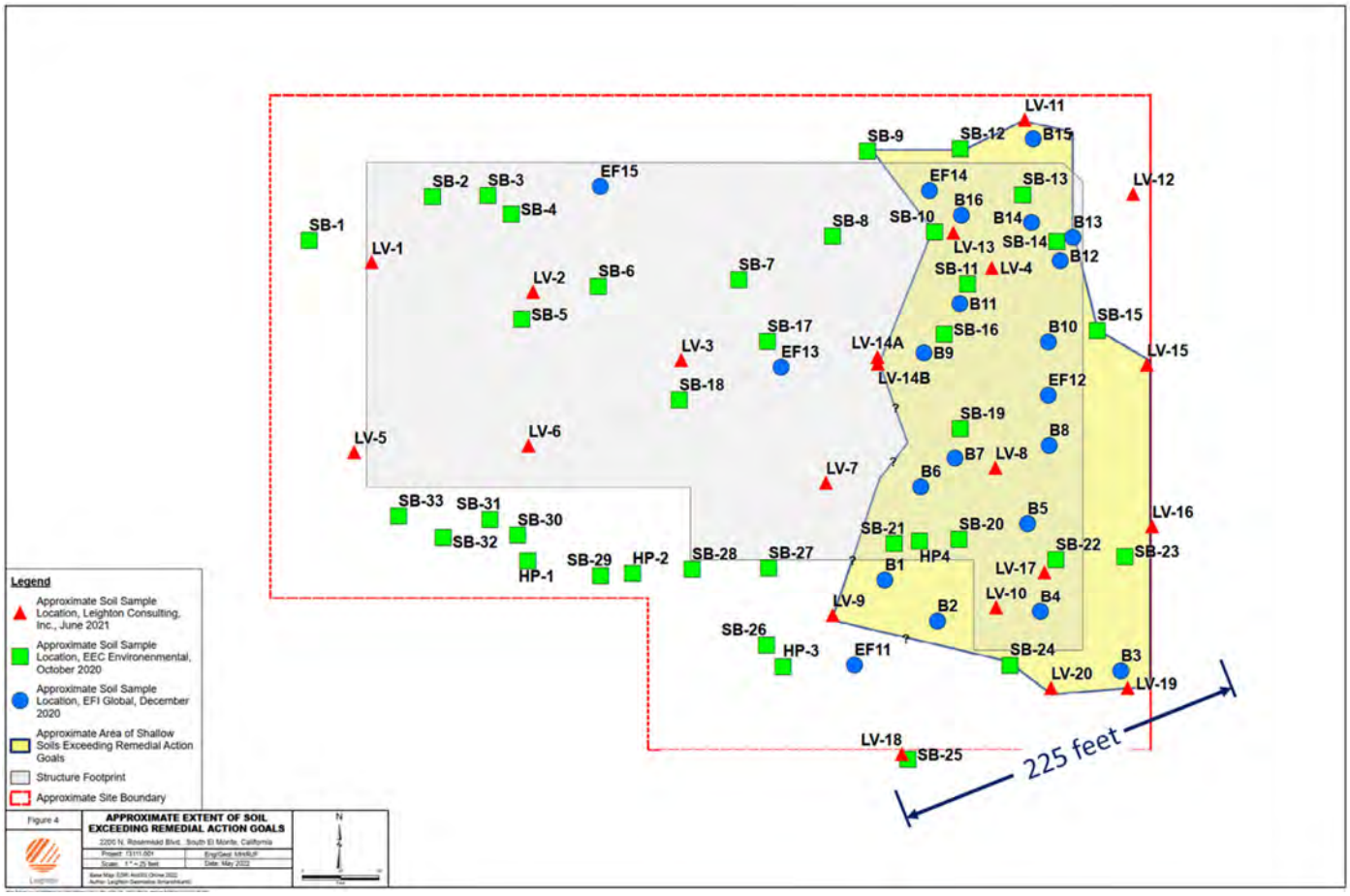




HALEY ALDRICH

# APPENDIX E
# Basis for Contamination Zone Length along Groundwater Flow Direction

## Appendix E – Basis for Contamination Zone Length along Groundwater Flow Direction

The value of 225 feet was used for the parameter, contamination zone length along groundwater flow direction (W), in Table 1. This value is based on the lead concentration distribution delineated (using the proposed lead remedial action goal of 500 mg/kg), shown in Figure 4 of the report, titled "Limited Soil Remediation Work Plan, for the Eastern Portion of 2200 North Rosemead Boulevard, South El Monte, California 91773," dated 25 April 2023, prepared by Leighton Consulting, LLC (also see the image below).




HALEY ALDRICH

# APPENDIX F
## Basis for Current Impacted Thickness

## Appendix G – Basis for Current Impacted Thickness

The value of 5 feet was used for the parameter, current impacted thickness (L1), in Table 1. This value is conservatively selected based on the lead concentration distributions found in numerous soil borings. Some data are reported in Table 1 of the report, titled "Preliminary Endangerment Assessment, Rosemead Holding LLC Property. 2200 North Rosemead Boulevard, South El Monte, California," dated 18 November 2022, prepared by Enviro-Tox Services, Inc. The lead concentration data in Table 1 is summarized below.

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Total Lead (mg/Kg) |
|---|---|---|
| SB-1 | 2 | 18 |
| SB-2 | 2 | 8.1 |
| SB-3 | 2 | 10 |
| SB-4 | 2 | 10 |
| SB-5 | 2 | 7.2 |
| SB-6 | 2 | 6.2 |
| SB-7 | 2 | 4.8 |
| SB-8 | 2 | 25 |
| SB-9 | 2 | 8.5 |
| SB-10 | 5 | 8.4 |
| SB-10 | 10 | -- |
| SB-11 | 2 | 2,400 |
| SB-11 | 5 | 6.3 |
| SB-12 | 2 | 8.3 |
| SB-13 | 2 | 2,300 |
| SB-14 | 5 | 31 |
| SB-15 | 2 | 390 |
| SB-15 | 5 | 5.8 |
| SB-16 | 2 | 13,000 |
| SB-16 | 5 | 6.3 |
| SB-17 | 2 | 11 |
| SB-17 | 5 | 9.5 |
| SB-18 | 2 | 4.5 |
| SB-19 | 2 | 26,000 |
| SB-19 | 5 | 4.7 |
| SB-20 | 2 | 520 |
| SB-20 | 5 | 7.8 |
| SB-21 | 2 | 5.9 |
| SB-22 | 2 | 50 |
| SB-23 | 2 | 4,100 |
| SB-23 | 5 | 5.7 |
| SB-24 | 2 | 140 |
| SB-25 | 2 | 110 |
| SB-26 | 2 | 9.3 |
| SB-26 | 5 | -- |
| SB-27 | 2 | 100 |
| SB-28 | 2 | 15 |
| SB-29 | 2 | 47 |
| SB-30 | 2 | 6.1 |
| SB-31 | 2 | 19 |
| SB-32 | 2 | 12 |
| SB-33 | 2 | 12 |
| EFI1-S-1-2 | 1 to 2 | 62.7 |
| EFI2-S-1-2 | 1 to 2 | 791 |
| EFI3-S-1-2 | 1 to 2 | 20.7 |
| EFI4-S-1-2 | 1 to 2 | 137 |
| EFI5-S-1-2 | 1 to 2 | 8.1 |

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Total Lead (mg/Kg) |
|---|---|---|
| B1-S-1 | 1 | 686 |
| B1-S-2 | 2 | 13.1 |
| B1-S-3 | 3 | 36.3 |
| B1-S-4 | 4 | -- |
| B2-S-1 | 1 | 506 |
| B2-S-2 | 2 | 41.6 |
| B2-S-3 | 3 | 9.2 |
| B3-S-1 | 1 | 702 |
| B3-S-2 | 2 | 57.2 |
| B3-S-3 | 3 | 71 |
| B3-S-4 | 4 | -- |
| B4-S-1 | 1 | 6.36 |
| B4-S-2 | 2 | 39.1 |
| B4-S-3 | 3 | 34.6 |
| B5-S-1 | 1 | 92.4 |
| B5-S-2 | 2 | 19,900 |
| B5-S-3 | 3 | 20.7 |
| B5-S-4 | 4 | -- |
| B6-S-1 | 1 | 662 |
| B6-S-2 | 2 | 97.3 |
| B6-S-3 | 3 | 668 |
| B6-S-4 | 4 | 11.6 |
| B7-S-1 | 1 | 23.3 |
| B7-S-2 | 2 | 15.3 |
| B7-S-3 | 3 | 10.8 |
| B8-S-1 | 1 | 9,790 |
| B8-S-2 | 2 | 111 |
| B8-S-3 | 3 | 30 |
| B9-S-1 | 1 | 105 |
| B9-S-2 | 2 | 24.5 |
| B9-S-3 | 3 | 170 |
| B10-S-1 | 1 | 4,470 |
| B10-S-2 | 2 | 10.7 |
| B10-S-3 | 3 | 6.5 |
| B11-S-1 | 1 | 52.8 |
| B11-S-2 | 2 | 7.6 |
| B11-S-3 | 3 | 7.2 |
| B12-S-1 | 1 | 1,210 |
| B12-S-2 | 2 | 8.3 |
| B12-S-3 | 3 | 8.1 |
| B13-S-1 | 1 | 775 |
| B13-S-2 | 2 | 10 |
| B13-S-3 | 3 | 6.9 |
| B14-S-1 | 1 | 473 |

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Total Lead (mg/Kg) |
|---|---|---|
| B14-S-2 | 2 | 9.2 |
| B14-S-3 | 3 | 61.5 |
| B15-S-1 | 1 | 2,330 |
| B15-S-2 | 2 | 306 |
| B15-S-3 | 3 | 7.2 |
| B16-S-1 | 1 | 39.8 |
| B16-S-2 | 2 | 14.5 |
| B16-S-3 | 3 | 6.7 |
| LV-1-1 | 1 | <4.85 |
| LV-1-5 | 5 | <4.95 |
| LV-1-10 | 10 | 12.1 |
| LV-2-1 | 1 | <4.81 |
| LV-2-5 | 5 | <5.26 |
| LV-2-10 | 10 | <4.93 |
| LV-3-1 | 1 | <5.03 |
| LV-3-5 | 5 | <4.93 |
| LV-3-10 | 10 | <5.13 |
| LV-4-1 | 1 | <0.521 |
| LV-4-5 | 5 | <5.00 |
| LV-4-10 | 10 | <4.98 |
| LV-5-1 | 1 | 7.28 |
| LV-5-5 | 5 | 6.94 |
| LV-5-10 | 10 | 17.5 |
| LV-6-1 | 1 | <4.81 |
| LV-6-5 | 5 | <4.85 |
| LV-6-10 | 10 | <4.98 |
| LV-7-1 | 1 | <5.15 |
| LV-7-5 | 5 | 109 |
| LV-7-10 | 10 | <5.05 |
| LV-8-1 | 1 | <4.88 |
| LV-8-3 | 3 | <4.81 |
| LV-8-5 | 5 | <4.83 |
| LV-8-10 | 10 | <4.95 |
| LV-9-1 | 1 | 8.62 |
| LV-9-5 | 5.0 | 93.1 |
| LV-9-10 | 10 | <5.26 |
| LV-10-1 | 1 | 2680.0 |
| LV-10-5 | 5 | <5.13 |
| LV-10-10 | 10 | <5.00 |
| LV-11-1 | 1 | 11.9 |
| LV-11-2.5 | 2.5 | <4.85 |
| LV-11-5 | 5 | <4.78 |
| LV-11-7.5 | 7.5 | 47.2 |
| LV-11-10 | 10 | <5.00 |

| Boring ID/ Sample ID | Sample Depth (ft bgs) | Total Lead (mg/Kg) |
|---|---|---|
| LV-12-1 | 1 | 166 |
| LV-12-2.5 | 2.5 | <5.10 |
| LV-12-5 | 5 | <5.21 |
| LV-12-7.5 | 7.5 | <5.03 |
| LV-12-10 | 10 | <5.26 |
| LV-13-1 | 1 | <5.18 |
| LV-13-2.5 | 2.5 | 8.08 |
| LV-13-5 | 5 | 12.7 |
| LV-13-7.5 | 7.5 | <4.88 |
| LV-13-10 | 10 | 28.4 |
| LV-14A-1 | 1 | <5.00 |
| LV-14A-2.5 | 2.5 | <5.15 |
| LV-14A-5 | 5 | 18.0 |
| LV-14A-7.5 | 7.5 | <5.26 |
| LV-14A-10 | 10 | <5.03 |
| LV-14B-2 | 2 | 6.5 |
| LV-15-1 | 1 | 1640 |
| LV-15-2.5 | 2.5 | 10 |
| LV-15-5 | 5 | <5.03 |
| LV-15-7.5 | 7.5 | <5.03 |
| LV-15-10 | 10 | <4.95 |
| LV-16-1 | 1 | <4.85 |
| LV-16-2.5 | 2.5 | <4.85 |
| LV-16-5 | 5.0 | <4.88 |
| LV-16-7.5 | 7.5 | <4.81 |
| LV-16-10 | 10 | <4.85 |
| LV-17-1 | 1 | 10.8 |
| LV-17-2.5 | 2.5 | 9.7 |
| LV-17-5 | 5 | <5.00 |
| LV-17-7.5 | 7.5 | <4.85 |
| LV-17-10 | 10.0 | <4.88 |
| LV-18-1 | 1.0 | 226.0 |
| LV-18-2.5 | 2.5 | <5.0 |
| LV-18-5 | 5.0 | <4.93 |
| LV-18-7.5 | 7.5 | <5.26 |
| LV-18-10 | 10.0 | <5.03 |
| LV-19-1 | 1.0 | 631.0 |
| LV-19-2.5 | 2.5 | 41.7 |
| LV-19-5 | 5.0 | <5.00 |
| LV-19-7.5 | 7.5 | <4.81 |
| LV-19-10 | 10.0 | <5.21 |
| LV-20-0.5 | 0.5 | 125 |

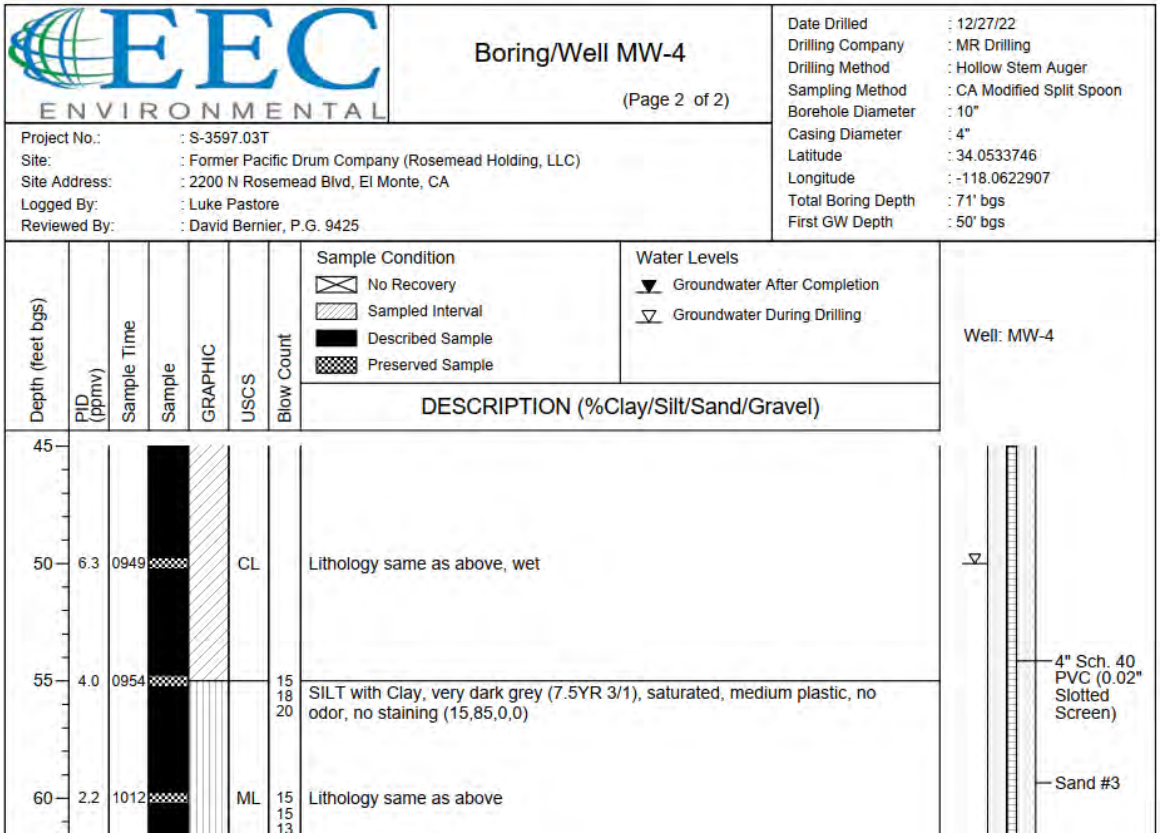
Other data are reported in Table 1A of the report, titled "Limited Soil Investigation Report, Rosemead Holding LLC, 2200-2226 North Rosemead Boulevard, South El Monte, California," dated 25 April 2023, prepared by Leighton Consulting, Inc. The lead concentration data in Table 1A are summarized below.

| Soil Sample ID | Date of Collection | Sample Depth (feet below ground surface) | Lead |
|---|---|---|---|
| LDB-1-0.5 | 02/16/2023 | 0.5 | 6.42 |
| LDB-1-2.5 | 02/16/2023 | 2.5 | 8.43 |
| LDB-1-5 | 02/16/2023 | 5 | 5.06 |
| LDB-1-7.5 | 02/16/2023 | 7.5 | 6.51 |
| LDB-1-10 | 02/16/2023 | 10 | 4.27 |
| LDB-2/3-0.5 | 02/16/2023 | 0.5 | 15.5 |
| LDB-2/3-2.5 | 02/16/2023 | 2.5 | < 0.417 |
| LDB-2/3-5 | 02/16/2023 | 5 | 2.35 |
| LDB-2/3-7.5 | 02/16/2023 | 7.5 | 2.17 |
| LDB-2/3-10 | 02/16/2023 | 10 | 6.33 |
| LDB-4-0.5 | 02/16/2023 | 0.5 | 11.4 |
| LDB-4-2.5 | 02/16/2023 | 2.5 | 3.74 |
| LDB-4-5 | 02/16/2023 | 5 | 3.49 |
| LDB-4-7.5 | 02/16/2023 | 7.5 | 3.66 |
| LDB-4-10 | 02/16/2023 | 10 | 8.25 |
| LDB-5-0.5 | 02/16/2023 | 0.5 | **11100** |
| LDB-5-2.5 | 02/16/2023 | 2.5 | **2030** |
| LDB-5-5 | 02/16/2023 | 5 | 4 |
| LDB-5-7.5 | 02/16/2023 | 7.5 | 5.71 |
| LDB-5-10 | 02/16/2023 | 10 | 2.51 |
| LDB-6-0.5 | 02/16/2023 | 0.5 | **441** |
| LDB-6-2.5 | 02/16/2023 | 2.5 | 8.65 |
| LDB-6-5 | 02/16/2023 | 5 | 3.35 |
| LDB-6-7.5 | 02/16/2023 | 7.5 | 3.28 |
| LDB-6-10 | 02/16/2023 | 10 | 6.99 |
| LDB-7-0.5 | 02/16/2023 | 0.5 | 65.9 |
| LDB-7-2.5 | 02/16/2023 | 2.5 | 7.27 |
| LDB-7-5 | 02/16/2023 | 5 | 2.6 |
| LDB-7-7.5 | 02/16/2023 | 7.5 | 2.69 |
| LDB-7-10 | 02/16/2023 | 10 | 4.3 |
| LDB-8-0.5 | 02/16/2023 | 0.5 | 48.1 |
| LDB-8-2.5 | 02/16/2023 | 2.5 | 8.75 |
| LDB-8-5 | 02/16/2023 | 5 | 5.54 |
| LDB-8-7.5 | 02/16/2023 | 7.5 | 2.82 |
| LDB-8-10 | 02/16/2023 | 10 | 5.19 |
| LDB-9-0.5 | 02/16/2023 | 0.5 | 297 |
| LDB-9-2.5 | 02/16/2023 | 2.5 | 33.9 |
| LDB-9-5 | 02/16/2023 | 5 | 5.34 |
| LDB-9-7.5 | 02/16/2023 | 7.5 | 3.62 |
| LDB-9-10 | 02/16/2023 | 10 | 18.7 |
| LDB-10-0.5 | 02/16/2023 | 0.5 | 43.2 |
| LDB-10-2.5 | 02/16/2023 | 2.5 | 13.1 |
| LDB-10-5 | 02/16/2023 | 5 | 6.15 |
| LDB-10-7.5 | 02/16/2023 | 7.5 | 3.17 |
| LDB-10-10 | 02/16/2023 | 10 | 9.01 |

# APPENDIX G
# Basis for Length between Top of the Impacted Zone to Water Table

# Appendix G – Basis for Length between Top of the Impacted Zone to Water Table

The value of 50 feet was used for the parameter, length between top of the impacted zone to groundwater table (L2), in Table 1. This value is based on the representative vadose zone thickness reported from the boring logs of MW-4, MW-5, and MW-6 in the report, titled "Groundwater Well Installation and Sampling Report for Former Pacific Drum Company, 2200, 2212, 2218, and 2226 North Rosemead Boulevard, South El Monte, California," dated 19 June 2023, prepared by EEC Environmental. The portions of the boring logs showing the detection of groundwater are provided below.



EEC ENVIRONMENTAL

Boring/Well MW-4

(Page 2 of 2)

| | |
|---|---|
| Project No.: | S-3597.03T |
| Site: | Former Pacific Drum Company (Rosemead Holding, LLC) |
| Site Address: | 2200 N Rosemead Blvd, El Monte, CA |
| Logged By: | Luke Pastore |
| Reviewed By: | David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | 12/27/22 |
| Drilling Company | MR Drilling |
| Drilling Method | Hollow Stem Auger |
| Sampling Method | CA Modified Split Spoon |
| Borehole Diameter | 10" |
| Casing Diameter | 4" |
| Latitude | 34.0533746 |
| Longitude | -118.0622907 |
| Total Boring Depth | 71' bgs |
| First GW Depth | 50' bgs |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

Well: MW-4

| Depth (feet bgs) | PID (ppmv) | Sample Time | Sample | GRAPHIC | USCS | Blow Count | DESCRIPTION (%Clay/Silt/Sand/Gravel) |
|---|---|---|---|---|---|---|---|
| 45 | | | | | | | |
| 50 | 6.3 | 0949 | | | CL | | Lithology same as above, wet |
| 55 | 4.0 | 0954 | | | | 15<br>18<br>20 | SILT with Clay, very dark grey (7.5YR 3/1), saturated, medium plastic, no odor, no staining (15,85,0,0) |
| 60 | 2.2 | 1012 | | | ML | 15<br>15<br>13 | Lithology same as above |

Well: MW-4 — 4" Sch. 40 PVC (0.02" Slotted Screen); Sand #3

HALEY ALDRICH

EEC ENVIRONMENTAL

## Boring/Well MW-5

(Page 2 of 2)

| | |
|---|---|
| Project No.: | S-3597.03T |
| Site: | Former Pacific Drum Company (Rosemead Holding, LLC) |
| Site Address: | 2200 N Rosemead Blvd, South El Monte, CA |
| Logged By: | Luke Pastore |
| Reviewed By: | David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | 12/28/22 |
| Drilling Company | MR Drilling |
| Drilling Method | Hollow Stem Auger |
| Sampling Method | CA Modified Split Spoon |
| Borehole Diameter | 10" |
| Casing Diameter | 4" |
| Latitude | 34.0536474 |
| Longitude | -118.0632706 |
| Total Boring Depth | 71' bgs |
| First GW Depth | 50' bgs |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (feet bgs) | PID (ppmv) | Sample Time | Sample | GRAPHIC | USCS | Blow Count | DESCRIPTION (%Clay/Silt/Sand/Gravel) |
|---|---|---|---|---|---|---|---|
| 45 | | | | | SP | | |
| 50 | 1.3 | 0903 | | | ML | 7<br>7<br>11 | SILT, very dark grey (7.5YR 3/1), saturated, medium plastic, slight odor, no staining (10,80,10,0) |
| 55 | 1.6 | 0935 | | | | 15<br>18<br>20 | CLAY, very dark grey (7.5YR 3/1), saturated, medium plastic, no odor, no staining (90,10,0,0) |
| 60 | 1.0 | 0947 | | | CL | 18<br>19<br>20 | Lithology same as above |

Well: MW-5

4" Sch. 40 PVC (0.02" Slotted Screen)

Sand #3

EEC ENVIRONMENTAL

## Boring/Well MW-6

(Page 2 of 2)

| | |
|---|---|
| Project No.: | S-3597.03T |
| Site: | Former Pacific Drum Company (Rosemead Holding, LLC) |
| Site Address: | 2200 N Rosemead Blvd, South El Monte, CA |
| Logged By: | Luke Pastore |
| Reviewed By: | David Bernier, P.G. 9425 |

| | |
|---|---|
| Date Drilled | 12/29/2022 |
| Drilling Company | MR Drilling |
| Drilling Method | Hollow Stem Auger |
| Sampling Method | CA Modified Split Spoon |
| Borehole Diameter | 10" |
| Casing Diameter | 4" |
| Latitude | 34.0544934 |
| Longitude | -118.0631033 |
| Total Boring Depth | 71' bgs |
| First GW Depth | 50' bgs |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (feet bgs) | PID (ppmv) | Sample Time | Sample | GRAPHIC | USCS | Blow Count | DESCRIPTION (%Clay/Silt/Sand/Gravel) |
|---|---|---|---|---|---|---|---|
| 45 | | | | | SM | | |
| 50 | 0.4 | 0730 | | | | 8<br>12<br>10 | CLAY, dark grey (7.5YR 3/1), wet, low plasticity, no odor, no staining, (90,10,0,0) |
| 55 | 0.3 | 0808 | | | CL | 10<br>12<br>12 | Lithology same as above |
| 60 | 0.6 | 0813 | | | | 12<br>8<br>5 | SAND, fine to medium grained, brown (7.5YR 5/4), moist, poorly graded, no odor, no staining (0/10/90/0) |

Well: MW-6

4" Sch. 40 PVC (0.02" Slotted Screen)

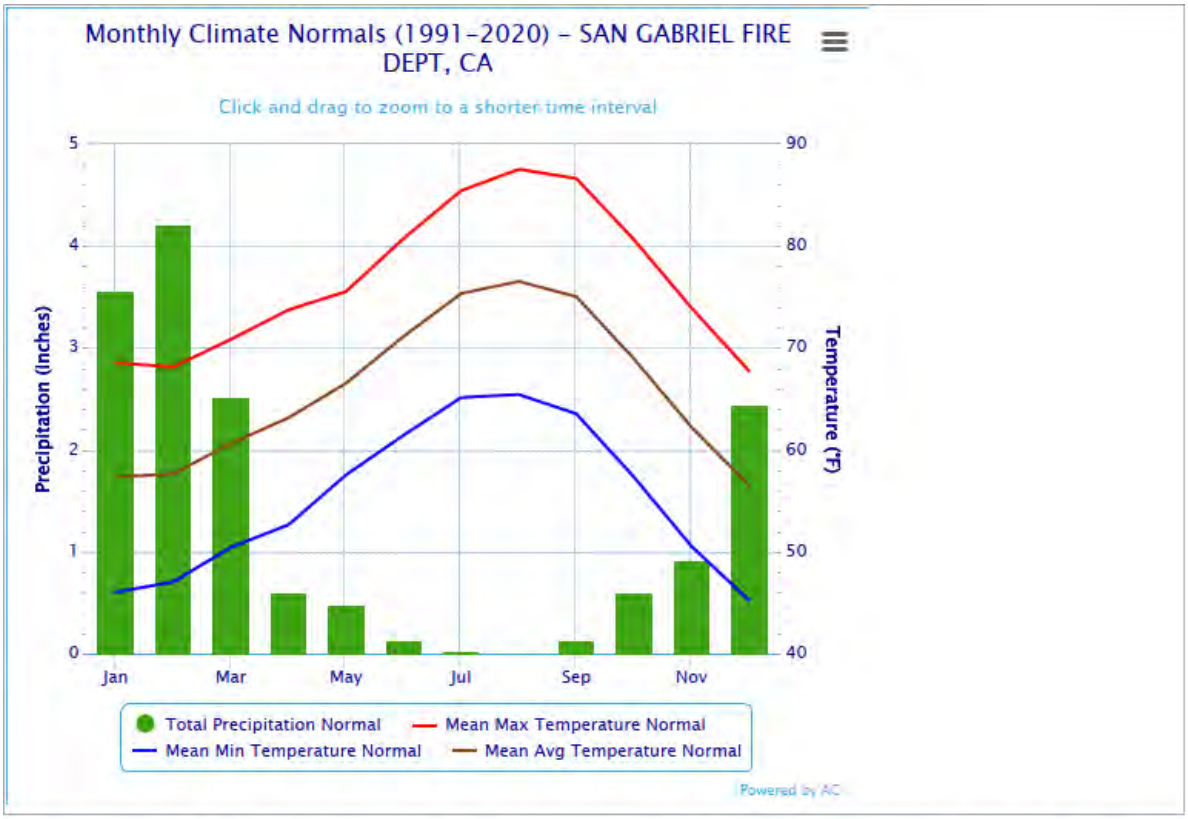
Sand #3

HALEY ALDRICH

# APPENDIX H
## Basis for Infiltration Rate

## Appendix H – Basis for Infiltration Rate

The value of 3.98 centimeters per year (cm/yr) was used for the parameter, infiltration rate ($I_f$), in Table 1. This value is based on 10% of the average annual precipitation (15.67 inches per year or 39.8 cm/yr) based on a weather station near the Site (San Gabriel Fire Department, California) through the National Weather Service website (https://www.weather.gov/). The data are shown below.




| Month | Total Precipitation Normal (inches) | Mean Max Temperature Normal (°F) | Mean Min Temperature Normal (°F) | Mean Avg Temperature Normal (°F) |
|---|---|---|---|---|
| January | 3.56 | 68.6 | 46.1 | 57.4 |
| February | 4.22 | 68.2 | 47.1 | 57.7 |
| March | 2.53 | 70.9 | 50.5 | 60.7 |
| April | 0.61 | 73.8 | 52.7 | 63.2 |
| May | 0.48 | 75.6 | 57.6 | 66.6 |
| June | 0.13 | 80.8 | 61.5 | 71.2 |
| July | 0.04 | 85.5 | 65.2 | 75.4 |
| August | 0.00 | 87.6 | 65.5 | 76.6 |
| September | 0.13 | 86.7 | 63.6 | 75.1 |
| October | 0.61 | 80.7 | 57.4 | 69.0 |
| November | 0.92 | 74.0 | 50.6 | 62.3 |
| December | 2.44 | 67.8 | 45.3 | 56.6 |
| Annual | 15.67 | 76.7 | 55.3 | 66.0 |

This value is between the recharge estimates for the Montebello Forebay basin area (4.3 cm/yr) and the whole Los Angeles groundwater study area (3.5 cm/yr) based on the USGS report, titled "Estimating Spatially and Temporally Varying Recharge and Runoff from Precipitation and Urban Irrigation in the Los Angeles Basin, California, Scientific Investigations Report 2016–5068," published in 2016, authored by Hevesi and Johson (Source URL: https://pubs.usgs.gov/sir/2016/5068/sir20165068_.pdf). The relevant information taken from the report is shown in the images below. Because the Site is covered by asphalt pavement and buildings, the net infiltration at the Site is expected to be noticeably lower than 4.3 cm/yr.

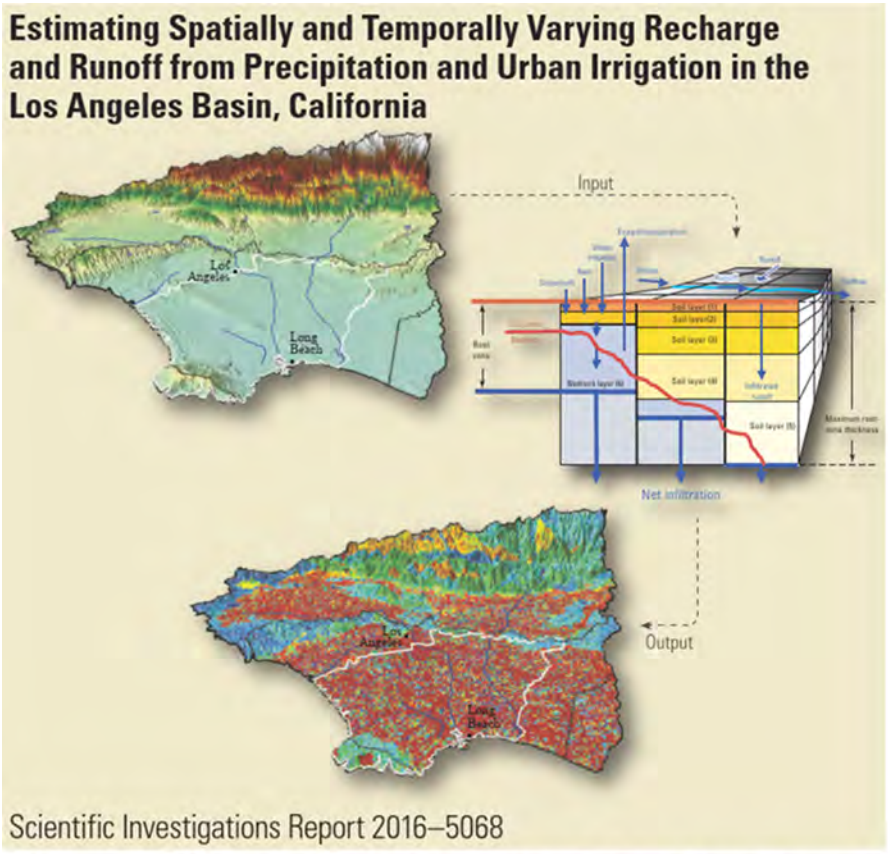



**Table 12.** Summary of average inflows, outflows, and changes in storage for the Los Angeles groundwater basins and Los Angeles groundwater study area, water years 1915–2014, Los Angeles Basin watershed model (LABWM), California.

[ET, evapotranspiration; ha-m/yr, hectare-meter per year; mm/yr, millimeter per year; nc, not collected]

| Area name | Units | Potential ET | Inflows | | | Generated runoff | Outflows | | | Change in storage | Potential mountain-front recharge | Total potential recharge |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Precipitation | Surface water | Urban irrigation | | ET | Direct recharge | Surface water | | | |
| Los Angeles groundwater study area (LAGSA) | mm/yr | 1,258 | 336 | 24 | 135 | 140 | 297 | 35 | 164 | –1 | 18 | 53 |
| | ha-m/yr | 187,240 | 50,005 | 3,579 | 20,075 | 20,815 | 44,227 | 5,218 | 24,395 | –180 | 2,687 | 7,906 |
| Groundwater basins | | | | | | | | | | | | |
| Montebello Forebay | mm/yr | 1,283 | 363 | 8 | 133 | 139 | 315 | 43 | 147 | –1 | 7 | 50 |
| | ha-m/yr | 16,055 | 4,546 | 102 | 1,660 | 1,741 | 3,943 | 538 | 1,843 | –17 | 92 | 630 |
| Central Basin Pressure[1] | mm/yr | 1,260 | 332 | nc | 149 | 145 | 298 | 39 | 145 | –1 | 0 | 39 |
| | ha-m/yr | 53,504 | 14,112 | nc | 6,327 | 6,176 | 12,675 | 1,646 | 6,176 | –58 | 0 | 1,646 |
| West Coast Basin | mm/yr | 1,243 | 317 | 10 | 116 | 138 | 261 | 35 | 148 | –1 | 6 | 41 |
| | ha-m/yr | 46,844 | 11,937 | 377 | 4,361 | 5,194 | 9,837 | 1,302 | 5,571 | –36 | 232 | 1,534 |

# APPENDIX I
# Basis for Partitioning Coefficient (Kd) for Lead (Pb)

## Appendix I – Basis for Partitioning Coefficient (Kd) for Lead (Pb)

The value of 3000 L/kg was used for the parameter, partitioning coefficient (Kd) for lead, in Table 1. The Kd value for lead is a function of soil pH. Site specific Kd value is based on reported Site soil pH (=7.9) and calcium carbonate (a mineral that increases soil pH) content in shallow soil from the USDA database (approxiamtely 2% weight percentage). The information obtained from the USDA soil database (through the web soil survey website - https://websoilsurvey.nrcs.usda.gov/app/) are shown below.

**Tables – pH (1 to 1 Water) – Summary By Map Unit**

Summary by Map Unit – Los Angeles County, California, Southeastern Part (CA696)

| Map unit symbol | Map unit name | Rating |
|---|---|---|
| 1007 | Urban land-Biscailuz-Pico complex, 0 to 2 percent slopes | 7.9 |
| Totals for Area of Interest | | |

Site soil pH

**Tables – Calcium Carbonate (CaCO3) – Summary By Map Unit**

Summary by Map Unit – Los Angeles County, California, Southeastern Part (CA696)

| Map unit symbol | Map unit name | Rating (percent) |
|---|---|---|
| 1007 | Urban land-Biscailuz-Pico complex, 0 to 2 percent slopes | 2 |
| Totals for Area of Interest | | |

Site soil CaCO3 content

Two site-specific soil pH measurements are provided in the report, titled "Geotechnical Exploration Update, proposed Warehouse/Commercial Building, 2222 Rosemead Boulevard, South El Monte, Los Angeles County, California," dated 11 May 2023, prepared by Leighton Consulting, LLC. The two measurements are pH = 7.4 and pH = 9.8, as shown below.

Leighton

**GEOTECHNICAL EXPLORATION UPDATE**
**PROPOSED WAREHOUSE/COMMERCIAL BUILDING**
**2222 ROSEMEAD BOULEVARD**
**SOUTH EL MONTE, LOS ANGELES COUNTY, CALIFORNIA**
**LOS ANGELES COUNTY AIN 8102-039-29, 30, 31 & 35**

Prepared For:

**ROSEMEAD HOLDING LLC**
221 North Orange Avenue
Industry, California 91744-3433

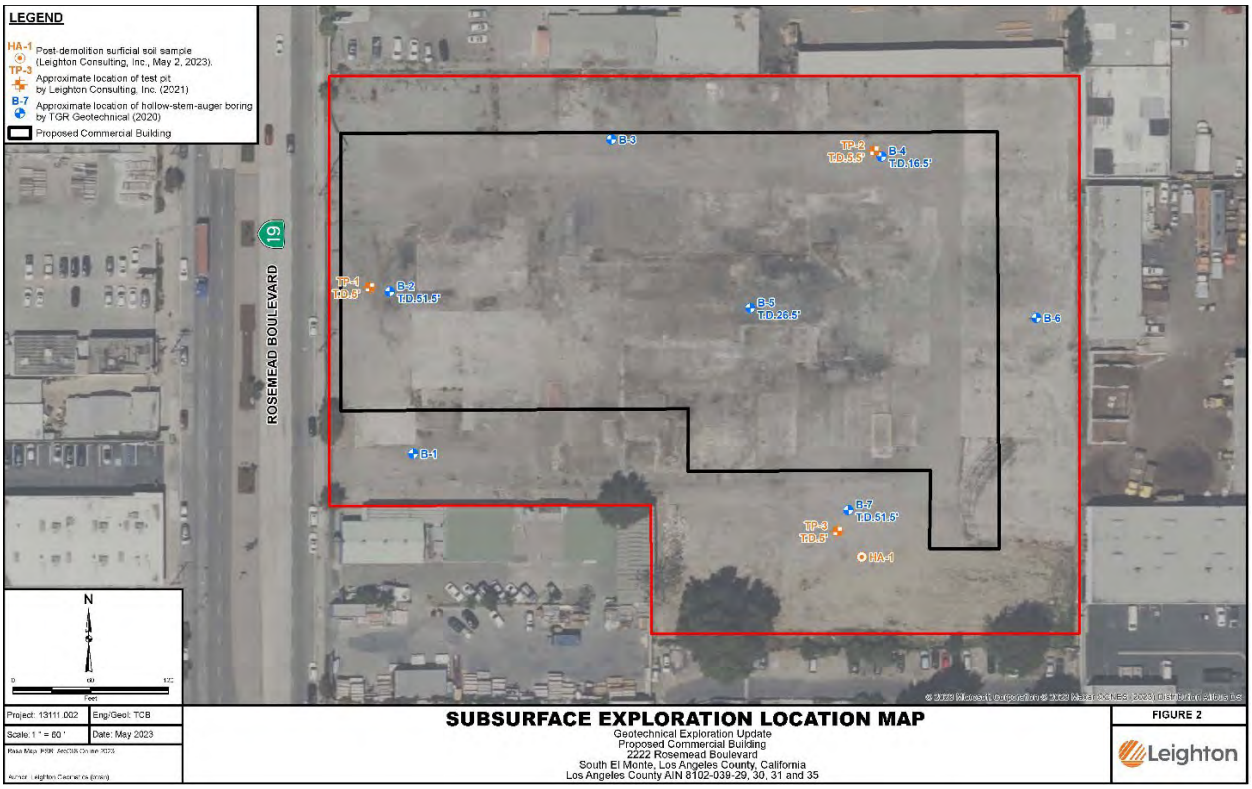
3.8.3. **Corrosivity Test Results**: To evaluate corrosion potential of soils sampled from this site, we tested a bulk soil sample for soluble sulfate content, soluble chloride content, pH and resistivity. Results of these tests (and TGR's 2020 results) are summarized below:

**Table 8. Results of Corrosivity Testing**

| Test Pit Number | Sample Depth (feet) | Sulfate (ppm) | Chloride (ppm) | pH | Minimum Resistivity (ohm-cm) |
|---|---|---|---|---|---|
| TGR-B-5 | 0 to 5 | 641 | 118 | 9.8 | 2,000 |
| HA-1 | 0 to 3 | 230 | 207 | 7.4 | 307 |

Note: mg/kg = milligrams per kilogram, or parts-per-million (ppm)

Samples TRG-B-5 (i.e., location B-5) and HA-1 were collected at the center and southeast portion of the site as shown in the figure below.




Additional pH data were collected from the site by Haley & Aldrich, Inc. in January 2024 during the delineation sampling event for chemicals of concern at the site. The January 2024 pH data is summarized in the following table.

**TABLE I**
**SUMMARY OF JANUARY 2024 PH ANALYTICAL RESULTS**
**ROSEMEAD HOLDING LLC**
**SOUTH EL MONTE, CALIFORNIA**

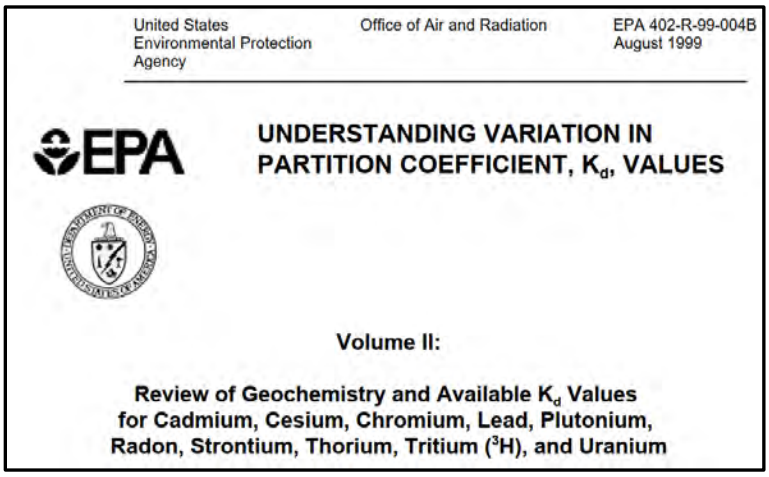
| Location | Sample Date | Sample Depth (bgs) | Sample Name | pH (s.u.) |
|---|---|---|---|---|
| B-5 | 01/11/2024 | 7 (ft) | B-5-7.0-011124-01 | 8.9 J |
| HA-SB-01 | 01/11/2024 | 1 (ft) | HA-SB-01-1.0-011124-01 | 8.9 J |
| HA-SB-01 | 01/11/2024 | 2 (ft) | HA-SB-01-2.0-011124-01 | 8 J |
| HA-SB-01 | 01/11/2024 | 3 (ft) | HA-SB-01-3.0-011124-01 | 7.9 J |
| HA-SB-01 | 01/11/2024 | 4 (ft) | HA-SB-01-4.0-011124-01 | 8.5 J |
| HA-SB-05 | 01/11/2024 | 3 (ft) | HA-SB-05-3.0-011124-01 | 8.3 J |
| HA-SB-09 | 01/11/2024 | 0.5 (ft) | HA-SB-09-0.5-011124-01 | 8.2 J |
| HA-SB-09 | 01/11/2024 | 2 (ft) | HA-SB-09-2.0-011124-01 | 8.4 J |
| HA-SB-09 | 01/11/2024 | 4 (ft) | HA-SB-09-4.0-011124-01 | 11.3 J |

***Notes and Abbreviations:***

*s.u. - standard units*
*bgs - below ground surface*
*ft - feet*
*J - Estimated value*

HALEY ALDRICH

Based on the knowledge of site-specific soil pH data above, the Kd value was selected based on the pH dependent Kd value for lead published in the USEPA 402-R-99-004B document (see the images below).



United States Environmental Protection Agency | Office of Air and Radiation | EPA 402-R-99-004B August 1999

EPA

**UNDERSTANDING VARIATION IN PARTITION COEFFICIENT, $K_d$, VALUES**

**Volume II:**

**Review of Geochemistry and Available $K_d$ Values for Cadmium, Cesium, Chromium, Lead, Plutonium, Radon, Strontium, Thorium, Tritium ($^3H$), and Uranium**

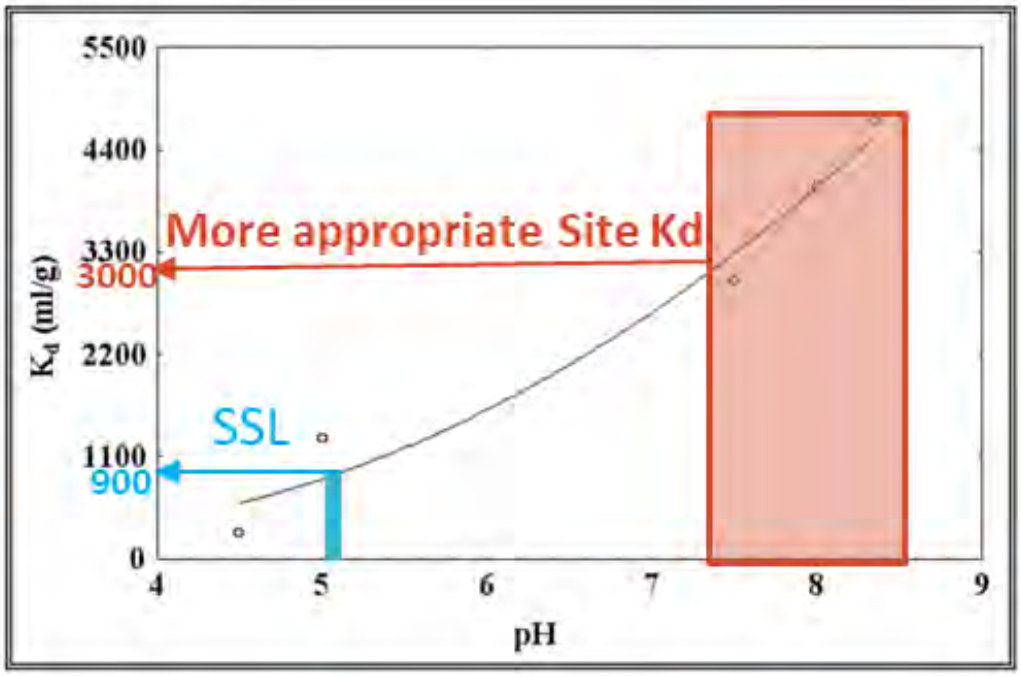



**Figure F.1**. Correlative relationship between $K_d$ and pH.

Note that, beside adsorption, lead tends to precipitation under alkaline pH conditions. The USEPA EPA/600/R-07/140 document indicates that lead leaching is generally not a concern when pH is above 8.

EPA/600/R-07/140
October 2007

# Monitored Natural Attenuation of Inorganic Contaminants in Ground Water

Volume 2

Assessment for Non-Radionuclides Including Arsenic, Cadmium, Chromium, Copper, Lead, Nickel, Nitrate, Perchlorate, and Selenium

Edited by
Robert G. Ford, Richard T. Wilkin, & Robert W. Puls
U.S. Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
Ada, Oklahoma 74820

**Table 2.1** Natural attenuation and mobilization pathways for lead.

| Attenuation Processes |
| --- |
| Precipitation of insoluble carbonates, sulfides, sulfates, and phosphates. In general, pH>8 will drive precipitation reactions resulting in Pb concentrations to below the MCL. |

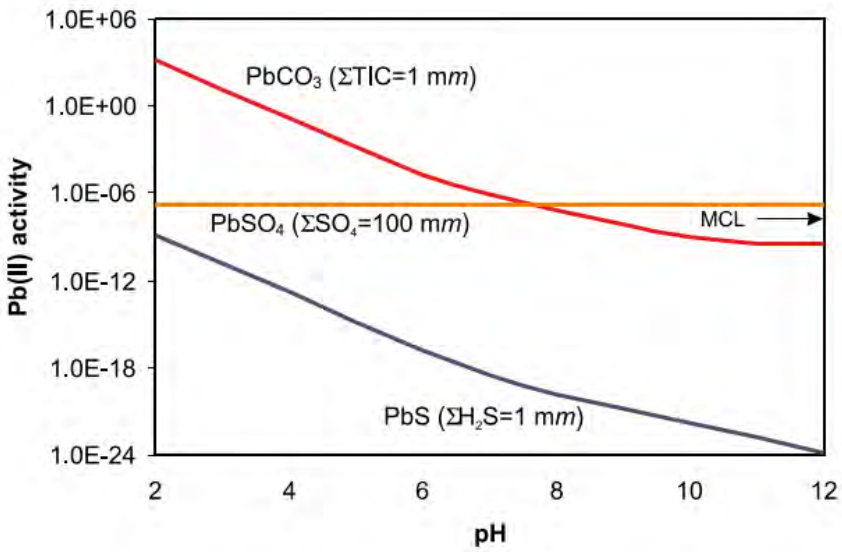



**Figure 2.4** *Pb(II) activity in equilibrium with $PbCO_3$ (at total inorganic carbon equal to 0.001 molal), $PbSO_4$ (at total sulfate equal to 0.1 molal), and PbS (at total sulfide equal to 0.001 molal). The solubility trend can be compared to the MCL for lead of 0.015 mg $L^{-1}$ or an activity of ~$7.2x10^{-8}$ m assuming ideal behavior.*

# APPENDIX F
# Updated Risk Evaluation

HALEY ALDRICH

www.haleyaldrich.com

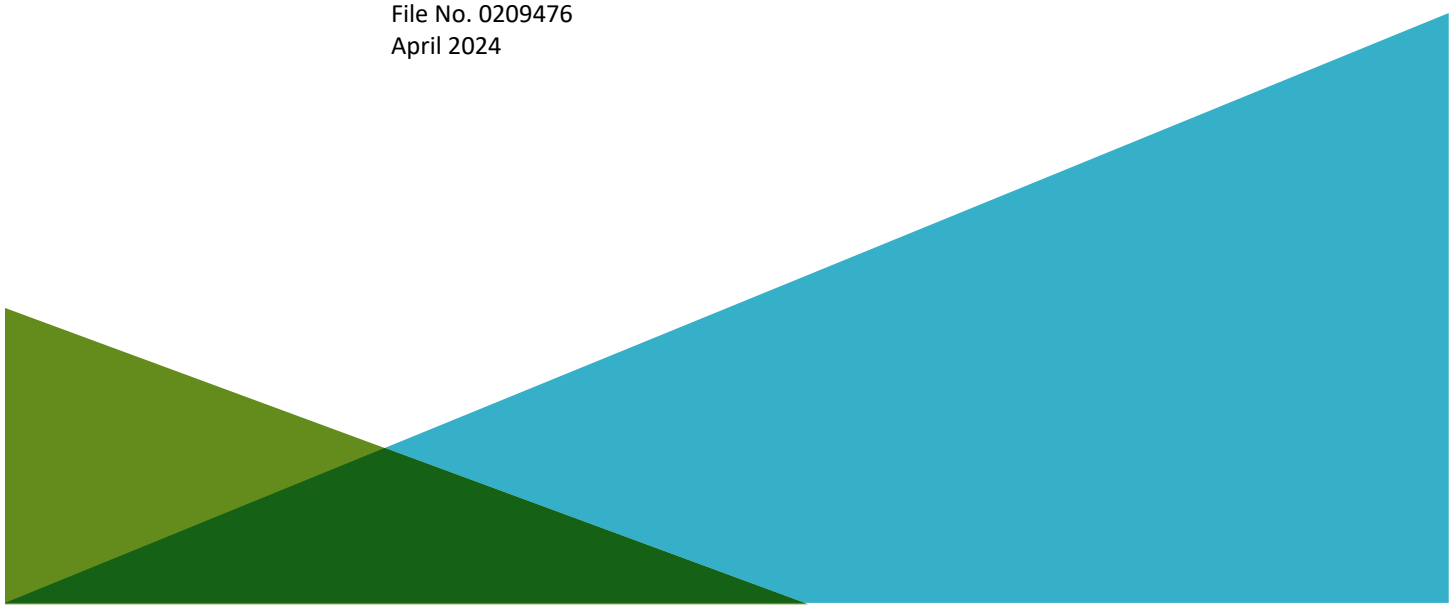
**REPORT ON**

# UPDATED RISK EVALUATION FOR SOUTH EL MONTE SITE 2200-2226 NORTH ROSEMEAD BOULEVARD SOUTH EL MONTE, CALIFORNIA

by
Haley & Aldrich, Inc.
Oakland, California

for
Rosemead Holding, LLC
City of Industry, California

File No. 0209476
April 2024



HALEY & ALDRICH, INC.
426 17TH STREET
SUITE 700
OAKLAND, CA 94612
510.879.4544

## SIGNATURE PAGE FOR

**REPORT ON**

UPDATED RISK EVALUATION FOR SOUTH EL MONTE SITE
2200-2226 NORTH ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA

**PREPARED FOR**

ROSEMEAD HOLDING, LLC
CITY OF INDUSTRY, CALIFORNIA

PREPARED BY:

Ruth Arestides
Senior Technical Specialist
Haley & Aldrich, Inc.

REVIEWED AND APPROVED BY:

Susan Shiu
Associate Risk Assessor
Haley & Aldrich, Inc.

Gina Plantz
Senior Principal
Haley & Aldrich, Inc.

## Table of Contents


Page

List of Tables v
List of Figures vi
List of Appendices vi
List of Abbreviations vii

1. Introduction and Objectives 1

1.1 SITE BACKGROUND AND SCOPE 1

2. Data Evaluation and Selection of Chemicals of Potential Concern 4

2.1 DEVELOPMENT OF THE RISK EVALUATION DATASETS 4
2.2 SELECTION OF CHEMICALS OF POTENTIAL CONCERN 5
2.2.1 Metals 5
2.2.2 Summary of Chemicals of Potential Concern 5

3. Exposure Assessment 6

3.1 CONCEPTUAL SITE MODEL 6
3.1.1 Site Setting 6
3.1.2 Identification of Potential Receptors 7
3.1.3 Identification of Exposure Pathways 7
3.2 ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS 9
3.2.1 Estimation of COPC Concentrations in Soil 9
3.2.2 Estimation of Air Concentrations Resulting from Emissions from Soil and Groundwater 10
3.3 HUMAN INTAKE ASSUMPTIONS 13

4. Toxicity Assessment 14

4.1 TOXICITY ASSESSMENT FOR CARCINOGENIC EFFECTS 14
4.2 TOXICITY ASSESSMENT FOR NON-CARCINOGENIC EFFECTS 15
4.3 TOXICITY ASSESSMENT FOR LEAD 15

5. Risk Characterization 16

5.1 METHODOLOGY 16
5.1.1 Carcinogenic Health Effects 17
5.1.2 Non-carcinogenic Health Effects 18
5.2 RESULTS OF CANCER RISK AND NON-CANCER HAZARD ASSESSMENT 20
5.2.1 On-Site Non-Intrusive Worker 20
5.2.2 On-Site Construction Worker 22
5.3 UNCERTAINTIES IN THE RISK CHARACTERIZATION 23

## Table of Contents


Page

**6. Summary and Conclusions 24**

6.1 HYPOTHETICAL FUTURE ON-SITE NON-INTRUSIVE WORKERS 24
6.2 HYPOTHETICAL FUTURE CONSTRUCTION WORKERS 25

**7. Development of Risk-Based and Ambient-Based Screening Concentrations 27**

7.1 DEVELOPMENT OF RISK-BASED CLEANUP LEVELS 27
7.1.1 Methodology 28

**References 31**

## List of Tables


| Table No. | Title |
|---|---|
| 1 | Summary of Chemicals Included in the Risk Assessment: Soil (0 to 10 feet bgs) |
| 2 | Summary of Chemicals Included in the Risk Assessment: Soil Vapor |
| 3 | Exposure Point and Predicted Outdoor Air Concentrations for Chemicals of Potential Concern in Soil (0 to 10 feet bgs) |
| 4 | Chemical Properties for Chemicals of Potential Concern in Soil and Soil Vapor |
| 5 | Exposure Parameters |
| 6 | Equations Used to Calculate Exposure Concentrations and Chronic Daily Intakes: Worker Scenarios |
| 7 | Carcinogenic and Noncarcinogenic Toxicity Values for Chemicals of Potential Concern in Soil and Soil Vapor |
| 8A | Exposure Concentrations and Chronic Daily Intakes for Carcinogenic Chemicals of Potential Concern in Soil (0 to 10 feet bgs): On-Site Non-Intrusive Workers |
| 8B | Exposure Concentrations and Chronic Daily Intakes for Carcinogenic Chemicals of Potential Concern in Soil (0 to 10 feet bgs): On-Site Construction Workers |
| 9A | Exposure Concentrations and Chronic Daily Intakes for Noncarcinogenic Chemicals of Potential Concern in Soil (0 to 10 feet bgs): On-Site Non-Intrusive Workers |
| 9B | Exposure Concentrations and Chronic Daily Intakes for Noncarcinogenic Chemicals of Potential Concern in Soil (0 to 10 feet bgs): On-Site Construction Workers |
| 10A | Estimated ILECRs for Chemicals of Potential Concern in Soil (0 to 10 feet bgs): On-Site Non-Intrusive Workers |
| 10B | Estimated ILECRs for Chemicals of Potential Concern in Soil (0 to 10 feet bgs): On-Site Construction Workers |
| 11A | Estimated Noncancer HQs/HIs for Chemicals of Potential Concern in Soil (0 to 10 feet bgs): On-Site Non-Intrusive Workers |
| 11B | Estimated Noncancer HQs/HIs for Chemicals of Potential Concern in Soil (0 to 10 feet bgs): Construction Workers |

| | |
|---|---|
| 12A | Estimated Vapor Intrusion ILECRs and Noncancer HQs/HIs for Chemicals of Potential Concern in Soil Vapor: Hypothetical Future On-Site Non-Intrusive Workers – AF of 0.0005 |
| 12B | Estimated Vapor Intrusion ILECRs and Noncancer HQs/HIs for Chemicals of Potential Concern in Soil Vapor: Hypothetical Future On-Site Non-Intrusive Workers – AF of 0.03 |
| 13 | Soil Risk-Based Screening Concentrations |


## List of Figures


| **Figure No.** | **Title** |
|---|---|
| 1 | Project Locus |
| 2 | Site Plan |
| 3 | Conceptual Site Model |


## List of Appendices


| **Appendix** | **Title** |
|---|---|
| A | Proposed Development Plan |
| B | OEHHA Response to Comments |
| C | Soil and Soil Vapor Data |
| D | ProUCL Output |
| E | Uncertainties in the Human Health Risk Evaluation |
| F | Volatilization Calculations |
| G | Vapor Intrusion Tables |
| H | Risk-Based Screening Concentration Example Calculation |

## List of Abbreviations

| Abbreviation | Definition |
|---|---|
| µg/dL | micrograms per deciliter |
| µg/$m^3$ | micrograms per cubic meter |
| 1 x $10^{-6}$ | one in one million |
| ABSC | ambient-based screening concentration |
| AF | attenuation factor |
| BaP | benzo(a)pyrene |
| BaP EQ | benzo(a)pyrene equivalent |
| bgs | below ground surface |
| CA | concentration of a particulate-phase chemical in air |
| Cal/EPA | California Environmental Protection Agency |
| CD | concentration of dust in air |
| CDI | chronic daily intake |
| CFR | Code of Federal Regulations |
| $cm^2/s$ | square centimeters per second |
| $cm^3$ | cubic centimeters |
| COPC | chemical of potential concern |
| CPAH | carcinogenic polycyclic aromatic hydrocarbon |
| CS | concentration of the chemical in soil |
| CSF | cancer slope factor |
| CSM | conceptual site model |
| Ditty | Ditty Container, Inc. |
| DTSC | Department of Toxic Substances Control |
| DTSC-SL | Department of Toxic Substances Control screening level |
| EC | exposure concentration |
| EEC | EEC Environmental |
| EPC | exposure point concentration |
| $g/cm^3$ | grams per cubic centimeter |
| g/g | grams per gram |
| $g/m^2/s$ | grams per square meter per second |
| Haley & Aldrich | Haley & Aldrich, Inc. |

| | |
|---|---|
| HERO | Office of Human and Ecological Risk |
| HI | hazard index |
| HQ | hazard quotient |
| ILECR | incremental lifetime excess cancer risk |
| $kg/m^3$ | kilograms per cubic meter |
| kg/mg | kilograms per milligram |
| LARWQCB | Los Angeles Regional Water Quality Control Board |
| $m^3/kg$ | cubic meters per kilogram |
| mg/kg | milligrams per kilogram |
| mg/kg-day | milligram of chemical per kilogram body weight per day |
| $mg/m^3$ | milligrams per cubic meter |
| NCP | National Contingency Plan |
| NFR | No Further Requirement |
| OEHHA | Office of Environmental Health Hazard Assessment |
| PAH | polynuclear/polycyclic aromatic hydrocarbon |
| PCB | polychlorinated biphenyl |
| PCD | Pacific Coast Drum Company |
| PCE | tetrachloroethylene |
| PEA | Preliminary Endangerment Assessment |
| PEF | particulate emission factor |
| $PM_{10}$ | particulate matter with a diameter equal to or less than 10 microns |
| RBSC | risk-based screening concentration |
| REL | reference exposure level |
| RfC | reference concentration |
| RfD | reference dose |
| RME | reasonable maximum exposure |
| Site | 2200-2226 Rosemead Boulevard in South El Monte, California |
| SVE | soil vapor extraction |
| SWRCB | California State Water Resources Control Board |
| TCE | trichloroethylene |
| TPH | total petroleum hydrocarbons |
| UCL | upper confidence limit of mean |
| URF | unit risk factor |
| USEPA | United States Environmental Protection Agency |

| | |
|---|---|
| VF | volatilization factor |
| VOC | volatile organic compound |

# 1. Introduction and Objectives

This human health risk evaluation was prepared by Haley & Aldrich, Inc. (Haley & Aldrich) on behalf of Rosemead Holding, LLC for the property located at 2200-2226 Rosemead Boulevard in South El Monte, California (Site; Figures 1 and 2). Rosemead Holding, LLC has entered into a voluntary Site Cleanup Program agreement with the Los Angeles Regional Water Quality Control Board (LARWQCB) with the objective of determining what actions, if any, are required as part of Site redevelopment.

The Site comprises approximately 5.1 acres of industrial land that was formerly developed with five structures, all of which have been demolished as of February 2022. The building slabs and pavement currently remain in place, with limited areas of exposed soil and vegetation in the southern portion of the Site. Future development plans for the Site consist of one three-story building which includes warehouse, retail, and office space. Only surface parking is planned in the areas surrounding the building. The proposed development plan is shown in Appendix A.

## 1.1 SITE BACKGROUND AND SCOPE

A risk assessment for the Site was previously submitted to the LARWQCB on 18 November 2022, as part of a Preliminary Endangerment Assessment (PEA) Report (ENVIRO-TOX Services, Inc., 2022). This human health risk evaluation was prepared to address specific comments regarding the PEA Report that were provided by the Office of Environmental Health Hazard Assessment (OEHHA) on 12 July 2023. The OEHHA comments and responses to those comments are provided in Appendix B.

As described in the PEA Report previously prepared for the Site (ENVIRO-TOX Services, Inc., 2022), environmental investigations at the Site date back to the 1980s, with multiple soil, soil vapor, and groundwater investigations being conducted between 1986 and 1998. The LARWQCB issued a No Further Requirement (NFR) letter in March 1998 related to groundwater at the Site. As such, consistent with the 2022 PEA Report, groundwater is not evaluated as part of this human health risk evaluation. Additional soil and soil vapor investigations were conducted in 2020 and 2021 to evaluate Site conditions in advance of the planned demolition and industrial redevelopment. Consistent with previous investigations that resulted in the NFR determination, these Site investigation activities indicated the presence of chemicals of potential concern (COPCs), including metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons, and volatile organic compounds (VOCs) in soil, in addition to polycyclic aromatic hydrocarbons (PAHs). Additionally, as indicated by soil vapor sampling conducted at the Site between 2020 and 2023, VOCs in soil vapor are widely distributed over the Site. The primary COPCs in soil vapor are chlorinated VOCs, specifically tetrachloroethylene (PCE), trichloroethylene (TCE), and vinyl chloride.

A soil vapor extraction (SVE) system designed to focus on the remediation of chlorinated VOCs in the subsurface was installed at the Site and operated from July 2022 to December 2022. Data related to the operation of the system was reported to the LARWQCB in the EEC Environmental (EEC) Fourth Quarter 2022 Remedial Progress Report, dated 31 January 2023 (EEC, 2023a). The SVE system was turned off in December 2022 for the purposes of evaluating its effectiveness with additional soil vapor sampling completed in March 2023. Soil samples were also collected at each soil vapor probe location during boring advancement.

The primary purpose of the human health risk evaluation is to determine whether the levels of chemicals detected in soil and soil vapor at the Site would pose a potential risk to human health based on the current and potential future property uses of the Site. The human health risk evaluation for the Site includes potential subsurface excavation scenarios and reasonably anticipated future land use scenarios. The results of the risk evaluation will be used to assist in identifying areas of the Site where remediation, or other forms of risk management, may be appropriate, with the overall goal of long-term protection of human health and the environment.

The methodology used in this human health risk evaluation is consistent with risk assessment guidelines provided by the United States Environmental Protection Agency's (USEPA's) "Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A), Interim Final" (USEPA, 1989) and by the California Department of Toxic Substances Control's (DTSC's) "Preliminary Endangerment Assessment Manual" (DTSC, 2015). Human health risks were evaluated for hypothetical future on-Site receptors, which include construction workers assumed to be involved in the redevelopment of the Site and on-Site non-intrusive workers assumed to be present following such redevelopment.

According to the USEPA (1989), and as summarized below, there are four basic steps in the quantitative human health risk assessment process: (1) data collection and analysis; (2) exposure assessment; (3) toxicity assessment; and (4) risk characterization. These steps are summarized as follows:

- **Data Collection and Analysis:** For this human health risk evaluation, all Site environmental soil and soil vapor sampling data were reviewed to identify the COPCs and their representative concentrations to which populations could be exposed. The dataset for the human health risk evaluation was obtained from previous and recent Site investigations (as summarized in Section 2.1).
- **Exposure Assessment:** Site uses and physical features were evaluated to develop a conceptual site model (CSM), which identifies the pathways by which current and potential future receptors could be exposed to COPCs. The magnitude of the potential human exposures was also estimated.
- **Toxicity Assessment:** This phase of the risk assessment presents the relationship between the magnitude of exposure and potential adverse effects (dose-response assessment). As a part of the toxicity assessment, toxicity values were identified from the California Environmental Protection Agency (Cal/EPA)-recommended sources, and were then used to estimate the likelihood of adverse effects which could potentially occur at different exposure levels.
- **Risk Characterization:** The exposure and toxicity assessments were combined to characterize and quantify the potential for adverse health effects as a result of potential Site-specific exposures. The risk characterization estimates the likelihood that the estimated potential exposures to COPCs at the Site will result in either cancer or other non-cancer adverse health effects.

The remaining sections of this report are as follows:

- **Section 2 – Data Evaluation and Selection of Chemicals of Potential Concern:** Presents an evaluation of the data used in the human health risk evaluation and identifies the COPCs that have been included in the human health risk evaluation.

- **Section 3 – Exposure Assessment:** Identifies the populations that may potentially be exposed to Site COPCs, the pathways by which potential exposures may occur, and the exposure assumptions used to quantify potential exposures. Section 3.0 also presents the methodology for estimating representative exposure point concentrations (EPCs) for chemicals present in soil and soil vapor.
- **Section 4 – Toxicity Assessment:** Presents the quantitative toxicity criteria used in the calculation of the incremental lifetime excess cancer risks (ILECRs) and non-cancer hazard indices (HIs). Section 4.0 also presents the methodology for evaluating health effects associated with the lead detected in soil.
- **Section 5 – Risk Characterization:** Presents the methodology used to calculate the ILECRs and non-cancer HIs and presents the results of the cancer risk and non-cancer hazard assessments.
- **Section 6 – Summary and Conclusions:** Summarizes the results of the human health risk evaluation.
- **Section 7 – Development of Risk- and Ambient-Based Screening Concentrations (ABSCs):** Presents the methodology used to derive the risk-based screening concentrations (RBSCs) for each of the COPCs evaluated in the human health risk evaluation, and the ABSC for arsenic that may be used to guide upcoming remedial efforts.

The references used in this human health risk evaluation are presented at the end of the document. There are eight appendices that accompany this Report. Appendix A presents the proposed development for the Site. Appendix B presents the comments provided by OEHHA on 12 July 2023 and responses to comments. Appendix C presents the soil and soil vapor data included in the human health risk evaluation, Appendix D presents the output sheets of the USEPA ProUCL statistical program, Appendix E discusses the uncertainties inherent in the human health risk evaluation, Appendix F presents a sample volatilization factor (VF) calculation, Appendix G presents estimated vapor intrusion ILECRs and non-cancer hazard quotients (HQs)/HIs for COPCs in soil vapor, and Appendix H presents a sample RBSC calculation for naphthalene in soil.

# 2. Data Evaluation and Selection of Chemicals of Potential Concern

Data evaluation is the process of analyzing site characteristics and analytical data to identify constituents that are potentially related to the Site and for which there are data of sufficient quality to be used in a quantitative risk assessment (USEPA, 1989). This section summarizes: (1) the soil and soil vapor data considered relevant for the human health risk evaluation; and (2) the COPCs identified by medium for inclusion in the human health risk evaluation.

## 2.1 DEVELOPMENT OF THE RISK EVALUATION DATASETS

As mentioned in Section 1.1 above, environmental investigations at the Site date back to the 1980s, with multiple soil, soil vapor, and groundwater investigations being conducted between 1986 and 1998. These investigations were followed by additional soil and soil vapor investigations in 2020 and 2021 to evaluate Site conditions in advance of planned demolition and industrial redevelopment. These Site investigation data, as presented in the previous PEA Report for the Site, were included in the human health risk evaluation, in addition to soil and soil vapor data collected as part of the 2023 groundwater and soil vapor investigations that were completed in March / April 2023 and January 2024. Data collected during these investigations were included in the datasets used in the human health risk evaluation with the following exceptions:

- **Soil data collected at depths below 10 feet below ground surface (bgs)**. Soil data considered relevant for a human health risk evaluation for the Site (including potential subsurface excavation scenarios and reasonably anticipated future land use scenarios) typically include data for soil samples from depths up to and including 10 feet bgs, as 10 feet is generally considered the maximum depth for excavation activities associated with subsurface maintenance work or site redevelopment.
- **Non-detect soil sample results for certain sample locations.** Site soil datasets were provided in summary tables with results reported only for VOCs that were detected in soil at the Site. Therefore, non-detect VOC results for certain soil samples collected between October 2020 and February 2023 were not included in the human health risk evaluation.
- **Soil vapor data no longer considered representative of current conditions**. Historical soil vapor data was reviewed in the context of more current soil vapor data, where available, to determine if historical results were no longer representative of current subsurface soil vapor conditions. All soil vapor data collected prior to the 2020 sampling event are no longer considered representative of current conditions and were not used in the human health risk evaluation. In addition, because targeted soil vapor extraction was conducted by EEC, the following soil vapor sample results collected in October 2020 or June 2021 from within the radius of influence of the SVE system (i.e., within approximately 60 feet) are not considered to be representative of current subsurface soil vapor conditions and were not included in the human health risk evaluation. These include HP-1, HP-2, HP-3, SB-26, SB-27, SB-28, SB-29, SB-30, SB-33, LV-3, LV-5, LV-6, LV-7, and LV-9.
- **Soil vapor data collected at depths greater than 15 feet bgs**. Soil vapor data collected within the shallow vadose zone down to 15 feet bgs are more representative of soil vapor conditions under a future commercial building for the potential vapor intrusion pathway. VOC concentrations in samples collected at depths greater than 15 feet, assuming the source of VOCs

is deeper than 15 feet, should have greater attenuation to the surface than VOC concentrations in shallow vadose zone samples.

Analytical results included in the risk evaluation are presented in Appendix C.

## 2.2 SELECTION OF CHEMICALS OF POTENTIAL CONCERN

The selection of COPCs for the human health risk evaluation was based on guidance provided by the USEPA (1989) and DTSC (1997, 2015). In general, all chemicals detected in soil and soil vapor, excluding the data identified above in Section 2.1, were included in the quantitative human health risk evaluation.

### 2.2.1 Metals

DTSC guidance (1997, 2015) calls for the exclusion of inorganic compounds, specifically metals, from the quantitative risk assessment if they are detected at levels within the local background/ambient concentrations (hereafter referred to as simply "background"). As described in the PEA Report previously prepared for this Site (2022), the background metal dataset was obtained from soil metal data collected from California Air Force facilities (Hunter, Davis, and Roach, 2004). Maximum detected soil metal concentrations at the Site were compared to the 95th percentile concentration obtained from the California Air Force facilities. Any metal detected in soil at concentrations higher than the 95th percentile background concentration was retained as a COPC. As a result, antimony, arsenic, barium, cadmium, total chromium, hexavalent chromium, cobalt, copper, mercury, molybdenum, nickel, silver, and zinc were included as COPCs in the human health risk evaluation. The selection of metal COPCs is presented in Table 1.

### 2.2.2 Summary of Chemicals of Potential Concern

Chemicals that are included in the human health risk evaluation for soil and soil vapor are summarized below:

- The chemicals detected in on-Site soil (0 to 10 feet bgs) included in the human health risk evaluation as COPCs consist of: various VOCs; total petroleum hydrocarbons (TPH)-diesel, TPH-gasoline, TPH-motor oil, various PAHs, metals determined to be above background/ambient levels, and the PCBs Aroclor-1248, Aroclor 1254, and Aroclor 1260 (Table 1); and
- VOCs detected in soil vapor (Table 2).

# 3. Exposure Assessment

Exposure assessment is the process of describing, measuring, or estimating the intensity, frequency, and duration of potential human exposure to COPCs in environmental media (e.g., soil, water, and air). This section discusses the mechanisms by which people (receptors) might come into contact with the COPCs present in soil and soil vapor at the Site. It includes the characterization of the exposure setting (physical environment and potential receptors), identification of exposure pathways (potential sources, points of release, and exposure routes), and quantification of pathway-specific exposures (EPCs and intake assumptions) based on reasonably anticipated future land uses.

An exposure assessment is best conducted within the context of a risk-based CSM (Figure 3). The CSM is used to show the relationships between a chemical source, exposure pathway, and potential receptor.

The CSM identifies chemical sources, potentially impacted media, migration pathways, exposure routes, and possible exposure scenarios (USEPA, 1988). These source-pathway-receptor relationships provide the basis for the quantitative exposure assessment. Only potentially complete source-pathway-receptor relationships are included in the human health risk evaluation.

## 3.1 CONCEPTUAL SITE MODEL

Potential exposure to COPCs at a site depends on a number of factors related to the physical characteristics of a site and its surroundings. These factors include location, surrounding land use, surface topography, hydrogeology, meteorology, and vegetation. They also include factors related to the current and possible future uses of the site, which determine the types of activities that might occur at the site, the degree to which the site is accessible to the general public, and the mechanisms that might result in migration of COPCs to on- and off-site populations.

This section provides a brief description of the current Site setting and features, consistent with the PEA Report prepared previously by Enviro-Tox Services, Inc. (2022).

### 3.1.1 Site Setting

The Site currently comprises approximately 5.1 acres (223,987 square feet) of industrial land. The Site is unoccupied and concrete- and asphalt-paved, with limited areas of exposed soil and vegetation in the southern portion of the Site. The easternmost portion of the Site was previously occupied by Ditty Container, Inc. (Ditty), which subleased the property from Pacific Coast Drum Company (PCD) since 1996 and has recently vacated the Site. Beginning in the 1940s, both PCD and Ditty cleaned, refurbished, and repainted drums and refurbished plastic tote containers, primarily for the food industry. The former westernmost buildings at the Site were previously used for automotive repair and tire services.

The proposed development for the Site consists of one three-story building, which includes warehouse, retail, and office space. Only surface parking is planned in the areas surrounding the building. The proposed development plan is shown in Appendix A.

Based on the groundwater monitoring event conducted by EEC in January 2023, depth to groundwater beneath the subject property is approximately 53 to 56 feet below the top of casing in the monitoring wells. The groundwater flow direction was measured to the west-southwest (EEC, 2023b).

### 3.1.2 Identification of Potential Receptors

As described in Sections 1.1 and 3.1.1, the Site is currently unoccupied and is located within an industrialized area of South El Monte, California. Proposed industrial development of the Site consists of one three-story building, with a total building footprint of approximately 122,555 square feet. Planned future use of the first floor includes approximately 112,405 square feet of warehouse space, 8,200 square feet of retail space, and 1,950 square feet of office space. Based on the proposed development plans, hypothetical future land use at the Site is assumed to consist only of commercial/industrial use. Potential on-Site receptors therefore include the following:

- Full-time workers. Full-time workers may include administrative and operations staff that work at a commercial/industrial facility at the Site. These employees work 40-hour weeks and about 250 days per year.
- Part-time workers. Part-time workers may include specialized maintenance and operations personnel. Part-time workers may be present at the Site in response to sporadic labor and specialized personnel needs. These workers are assumed to operate from temporary on-Site offices and are not limited to 40-hour weeks.
- Visitors. Visitors are likely to be at the Site for no more than a few hours per week.

Given the above potential on-Site receptors, potentially exposed hypothetical future on-Site receptors identified for this human health risk evaluation include the following:

**Hypothetical future on-Site non-intrusive workers.** Full-time on-Site workers who may occupy future on-Site buildings and come into contact with chemical-impacted surface soil and dust while at work (Figure 3). However, these workers are not assumed to conduct earth-moving activities and/or dig trenches. Hence these workers are referred to as non-intrusive workers.

**Hypothetical future on-Site construction workers.** Hypothetical future intrusive on-Site outdoor construction workers are assumed to be involved in the redevelopment of the Site and/or short-term intrusive activities associated with utility-line work and were therefore included in the human health risk evaluation.

As stated above, part-time workers and visitors could also be exposed to Site-related chemicals while at the Site. However, exposures for these two types of sporadic receptors are likely to be much lower than those potentially experienced by full-time workers. Therefore, consistent with the PEA Report previously prepared by Enviro-Tox Services, Inc. (2022), only the on-Site, full-time worker exposure scenario was evaluated in this human health risk evaluation. Similarly, only the on-Site receptors were quantitatively evaluated in the human health risk evaluation, as off-Site receptor exposures are likely to be much lower than those estimated for on-Site receptors.

### 3.1.3 Identification of Exposure Pathways

An exposure pathway is a description of the mechanism by which an individual may come into contact with COPCs in the environment. An exposure pathway is defined by four elements (USEPA, 1989):

1. A source and mechanism of COPC release to the environment.
2. An environmental receiving or transport medium (e.g., air, soil) for the released COPC.

3. A point of potential contact with the medium of concern.
4. A potential exposure route (e.g., ingestion) at the contact point.

An exposure pathway is considered "complete" if all elements are present. The characterization of the potential exposure pathways based on existing information is presented in the CSM in Figure 3. Potential receptors may be exposed to COPCs in soil and outdoor or indoor air. Further discussion of potential exposure pathways is presented in the following subsections.

#### *3.1.3.1 Chemical Sources and Potential Release Mechanisms*

Historical environmental Site assessment activities indicated the presence of COPCs, including some metals, PCBs, petroleum hydrocarbons, and VOCs, in soil.

Once the chemicals are released into the surface and subsurface soil, the potential secondary release mechanisms include the following:

- Volatilization and dispersion of constituents in soil into indoor or outdoor air;
- Wind erosion and atmospheric dispersion of particulate-bound constituents;
- Migration of constituents from the subsurface soil down into groundwater;
- Migration of constituents in groundwater to neighboring surface water bodies; and
- Off-Site transport of chemicals in soil through surface water runoff.

The mechanisms listed above represent the theoretically complete mechanisms through which chemicals at the Site can be released and transported from one environmental medium to another. A discussion of each of these transport mechanisms and resulting human exposure routes, including those that are considered to be incomplete, is incorporated into the subsequent sections.

#### *3.1.3.2 Potentially Complete Exposure Pathways*

As previously indicated, complete exposure pathways require chemical sources, migration routes, an exposure point for contact, and human exposure routes. The complete exposure pathways through which hypothetical future on-Site receptor workers were assumed to be potentially exposed to Site COPCs are identified and discussed below.

Hypothetical future commercial/industrial use of the Site was evaluated given the planned future development of the Site to include commercial/industrial warehouse, retail, and office space. For this scenario, it was assumed that existing ground cover, including all hardscape, would be removed, and that redevelopment of the Site could result in significant disturbance of the existing topography in which excavated soil is left at the surface, such that hypothetical future receptors would be potentially exposed to COPCs in on-Site soil (0 to 10 feet bgs). As indicated on Figure 3, the potentially complete pathways through which hypothetical future on-Site populations may be exposed to COPCs in on-Site soil (0 to 10 feet bgs) or on-Site soil vapor include the following:

***Hypothetical Future On-Site Non-Intrusive Worker***

- incidental soil ingestion;

- dermal contact with soil;
- inhalation of particulates in outdoor air; and
- inhalation of volatiles migrating from soil up through the soil column (as soil vapor) into indoor and outdoor air.

***Hypothetical Future On-Site Construction Worker***

- incidental soil ingestion;
- dermal contact with soil;
- inhalation of particulates in outdoor air; and
- inhalation of volatiles migrating from soil up through the soil column into outdoor air.

#### *3.1.3.3 Incomplete/Insignificant Exposure Pathways*

Exposure pathways considered incomplete and/or insignificant were not included in the risk evaluation. The exposure pathways considered incomplete and/or insignificant are discussed below:

- **Exposures related to groundwater:** The LARWQCB issued a NFR letter in March 1998 related to groundwater at the Site. As such, consistent with the 2022 PEA Report, potential exposure to groundwater is not evaluated as part of this human health risk evaluation; and
- **Exposures related to the surface water runoff pathway:** Surface water runoff from the Site flows into a stormwater collection system before discharging to a city storm drain; therefore, it presents no exposure opportunities. Thus, the surface water runoff pathway is considered incomplete under current or future conditions and is not evaluated in the human health risk evaluation.

## 3.2 ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS

The following section presents the methods used to estimate the representative concentration of the COPCs in the soil and air to which hypothetical future non-intrusive worker and construction worker populations at the Site could be exposed.

### 3.2.1 Estimation of COPC Concentrations in Soil

The USEPA defines EPCs as the representative chemical concentrations a receptor may contact at an exposure area over the exposure period (USEPA, 1989). The concept is that individuals contact the impacted medium on a periodic and random basis. Because of the repeated and random nature of such contact, human exposure does not occur at a fixed point, but rather at a variety of points with equal likelihood that any given point within the exposure area will be the contact location on any given day. Thus, the EPCs should be based on the average chemical concentration within the exposure area (USEPA, 1989). To account for the uncertainty in estimating the average concentration, USEPA recommends that a UCL be used to represent the EPCs (USEPA, 2002a).

The calculation of EPCs for each COPC dataset includes an initial evaluation of the distribution of the data as a predecessor step to employing the best statistical methodology for determination of a concentration that estimates the mean of the dataset with a prescribed level of confidence. This means

that the average has been bounded by a statistically determined concentration to afford a percent level of confidence in the "true" mean of the dataset. The "95 percent upper confidence limit (UCL)" of the mean, for example, is considered a reasonable maximum exposure (RME) level (USEPA, 1989) so that there is confidence that the mean concentration of each COPC has been bounded at least 95 percent of the time. The USEPA's ProUCL 5.2.00 statistical program (USEPA, 2022a) was used to determine UCL concentrations of the COPCs in soil within 0- to 10-foot bgs depth interval (ProUCL outputs provided in Appendix D). The representative EPCs for COPCs used in the human health risk evaluation are summarized in Table 3.

In accordance with USEPA guidance (USEPA, 2022b), UCLs were not calculated for datasets with less than four detections or less than 10 samples. Although USEPA guidance (USEPA, 2022b) recommends the use of the mean or median when there are insufficient detections or number of samples in the dataset, the maximum detected concentration was conservatively used as the representative EPC in these cases in this human health risk evaluation.

### 3.2.2 Estimation of Air Concentrations Resulting from Emissions from Soil and Groundwater

#### *3.2.2.1 Volatile Organic Compounds*

##### 3.2.2.1.1 Indoor Air

Volatile compounds have the potential to volatilize from soil and/or groundwater into soil vapor and migrate up through the soil column and into the indoor air space of an overlying building. This process is referred to as "vapor intrusion." Building occupants could then be exposed via inhalation to these volatile compounds present in indoor air. The COPCs considered to be volatile are those COPCs that have a Henry's Law constant greater than $10^{-5}$ atmosphere-cubic meter per mole or a vapor pressure in excess of 1 millimeter of mercury (DTSC, 2015 and 2022a). Physicochemical properties of the COPCs in soil and soil vapor are presented in Table 4.

In general, soil vapor data, rather than soil or groundwater data, are preferred for use in transport modeling of volatile chemicals to indoor air, because soil vapor data represent a direct measurement of the gas-phase constituents that may migrate to indoor air. Thus, soil vapor data were used to evaluate the vapor intrusion pathway.

Although vapor intrusion is considered an incomplete transport/exposure pathway under current on-Site land use (given the lack of any current on-Site receptors or regularly occupied, enclosed structures), planned development of the Site consists of a three-story commercial/industrial building, which will occupy the majority of the Site (Appendix A). Potential vapor intrusion into the future on-Site commercial/industrial building was therefore evaluated on an individual sample basis considering the results of all soil vapor samples collected from across the Site.

In summary, the vapor intrusion pathway is evaluated for hypothetical future on-Site non-intrusive workers who may occupy the future commercial/industrial building. Potential vapor intrusion was evaluated using recommended approaches outlined by currently available DTSC, California State Water Resources Control Board (SWRCB), and USEPA guidance documents, specifically:

- *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Vapor Intrusion Guidance; DTSC, 2011);

- *OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air* (USEPA, 2015); and
- *Supplemental Guidance: Screening and Evaluating Vapor Intrusion. Final Draft.* (DTSC and SWRCB, 2023).

A range of default attenuation factors (AFs) was used in the vapor intrusion evaluation for the Site as follows:

- The DTSC default AF of 0.0005 for future commercial buildings (DTSC, 2011) was used for all COPCs detected in soil vapor at the Site. The default AF was derived by DTSC as the average of chemical-specific AFs modeled for 16 VOCs and commercial buildings using the USEPA Johnson and Ettinger Model (DTSC, 2011).
- The DTSC and SWRCB default AF of 0.03 (DTSC and SWRCB, 2023), which was derived entirely from data on chlorinated solvent compounds and for residential buildings (USEPA, 2012) and recommended by USEPA (2015a), was used for all COPCs detected in soil vapor at the Site.

A detailed discussion of DTSC-recommended default attenuation factors is presented in Appendix E. The results of the vapor intrusion evaluation are discussed in further detail in Section 5.0, Risk Characterization.

#### 3.2.2.1.2 Ambient Air

As presented in the CSM (Figure 3), it was assumed that all receptor populations included in the human health risk evaluation could be exposed to volatile chemicals present in outdoor air as a result of transport from soil. Exposure to volatile constituents present in outdoor air could occur via the inhalation pathway.

The transport of volatile COPCs from soil to outdoor air is modeled as two distinct processes: the volatilization of chemicals from soil to the ground surface, and the dispersion of the chemicals from the ground surface into the ambient air. These two processes are accounted for in the development of volatilization factors.

The transport of volatile COPCs from soil into outdoor air is modeled using the approach recommended in the USEPA soil screening guidance (USEPA, 1996) for infinite sources:

$$VF = \frac{Q/C_{vol} \times (3.14 \times D_A \times T)^{1/2} \times 10^{-4}\ (m^2/cm^2)}{2 \times \rho_b \times D_A}$$

where:

$$D_A = \frac{[(\theta_a{}^{10/3} D_i H') + (\theta_w{}^{10/3} D_w)]/\eta^2}{\rho_b K d + \theta_w + \theta_a H'_{TS}} \qquad \text{(Eq. F-13)}$$

And where:

VF = volatilization factor (cubic meters per kilogram [$m^3/kg$]);

| | | |
|---|---|---|
| $Q/C_{vol}$ | = | dispersion factor (grams per square meter per second [$g/m^2/s$] per kilogram per cubic meter [$kg/m^3$]); |
| $D_A$ | = | apparent diffusivity (chemical-specific; in square centimeters per second [$cm^2/s$]); |
| T | = | exposure interval (based on exposure duration; s); |
| $\rho_b$ | = | dry soil bulk density (grams per cubic centimeter [$g/cm^3$]); |
| $\eta$ | = | total soil porosity (cubic centimeters pore [$cm^3$pore]/$cm^3$soil); |
| $\theta_a$ | = | air-filled soil porosity ($cm^3$air/$cm^3$soil – calculated, $\eta$-$\theta_w$); |
| $D_i$ | = | diffusivity in air (chemical-specific, $cm^2/s$); |
| $\theta_w$ | = | water-filled soil porosity ($cm^3$water/$cm^3$soil); |
| $D_w$ | = | diffusivity in water (chemical-specific, $cm^2/s$); |
| $K_d$ | = | soil-water partition coefficient (chemical specific, $g/cm^3$); and |
| $H'_{TS}$ | = | Henry's Law Constant (chemical-specific, unitless). |

Where:

$$K_d = K_{oc} \times f_{oc} \qquad \text{(Eq. F-14)}$$

And where:

| | | |
|---|---|---|
| $K_{oc}$ | = | soil organic carbon partition coefficient (chemical-specific, $g/cm^3$); and |
| $f_{oc}$ | = | fraction organic carbon in soil (grams per gram [g/g]). |

Chemical-specific physiochemical properties and default soil properties for vadose zone soil are used in calculating the infinite source VFs. The chemical-specific physiochemical properties for the volatile COPCs in soil are presented in Table 6 of the human health risk evaluation. The default soil properties for vadose zone soil are presented in Appendix F as part of a sample VF calculation for naphthalene for hypothetical future on-Site non-intrusive workers. Consistent with the PEA Report previously prepared for the Site, the dispersion factor estimated for a default Site area of 0.5 acres, 68.18 $g/m^2/s$ per $kg/m^3$, was used to calculate the infinite source VFs for all receptors. Table 3 presents the calculated VFs for all volatile COPCs in Site soil.

#### *3.2.2.2 Non-Volatile Chemicals*

The human health risk evaluation assumes that the non-intrusive worker populations could be exposed to particulate-phase chemicals present in outdoor air as a result of transport from Site soil (i.e., chemicals adhered to airborne dust particles). In general, the concentration of a particulate-phase chemical in air (CA) is the product of the concentration of dust in air (CD) and the concentration of the chemical in soil (CS):

$$\text{CA}\ (mg/m^3) = CD\ (mg/m^3) \times\ \text{CS}\ (mg/kg)\ \times\ 10^{-6}\ (kg/mg)$$

Thus, for a given CS, a determination of the CA requires a determination of the CD. In the context of modeling chemical transport from soil to outdoor air, the concentration of dust in air is expressed

through the particulate emission factor (PEF). As defined by the USEPA Soil Screening Guidance (USEPA, 1996; 2002b), the PEF has units of cubic meters of air per kilogram of dust ($m^3$/kg), and is therefore equal to the reciprocal of the dust concentration:

$$\text{PEF } (m^3/kg) = \frac{1}{\text{CD } (mg/m^3)} \times 10^{+6} \ (mg/kg)$$

Combining the preceding two equations, the concentration of a particulate-phase chemical in outdoor air may be expressed as a function of the chemical concentration in soil and the PEF:

$$\text{CA } (mg/m^3) = \frac{\text{CS } (mg/kg)}{\text{PEF}(m^3/kg)}$$

The CS used to estimate the CA for a receptor is the EPC in soil for the non-intrusive worker receptor.

The default PEF for an industrial scenario recommended by the Cal/EPA DTSC Note number 1 (DTSC, 2019b) was used to estimate the particulate-phase chemical concentrations in outdoor air.

For construction worker populations, the dust concentration in air is assumed to be attributable to mechanical disturbance; therefore, the value is much higher than if attributable solely to wind erosion. As recommended by DTSC (2019b) for a construction worker scenario, it is conservatively assumed that construction worker populations are exposed to an 8-hour average dust concentration of 1 milligram per cubic meter (mg/$m^3$). This dust concentration corresponds to a PEF of one in one million ($1 \times 10^6$) $m^3$/kg (*i.e.*, 1 / [(1 mg/$m^3$) × ($1 \times 10^{-6}$ kg/mg)]).

The calculated particulate-phase chemical concentrations in outdoor air for COPCs are presented in Table 5.

### 3.3 HUMAN INTAKE ASSUMPTIONS

The route-specific assumptions used to estimate exposure to the COPCs in soil and soil vapor are presented in Table 5. Exposure assumptions are taken from DTSC and USEPA guidance documents, wherever possible, and are cited in Table 3. Standard DTSC-recommended RME assumptions for industrial worker and construction worker exposure scenarios (DTSC, 2019b) were used to evaluate hypothetical future on-Site non-intrusive workers and construction workers, respectively.

As described in subsequent sections, the various exposure assumptions are combined to estimate the intake of a chemical through a given route of exposure (e.g., soil ingestion). The route-specific intakes are then combined in order to calculate the total intake, with all exposure pathways combined. The route-specific equations used to calculate chemical intake are presented in Table 6 for the non-intrusive worker and construction worker scenarios.

# 4. Toxicity Assessment

The toxicity assessment characterizes the relationship between the magnitude of exposure to a chemical and the potential for adverse effects. More specifically, the toxicity assessment identifies or derives toxicity values that can be used to estimate the likelihood of adverse effects occurring in humans at different exposure levels. The human health risk evaluation assesses adverse carcinogenic and non-carcinogenic health effects resulting from chemical exposures. The hierarchy of sources for the toxicity criteria used for this human health risk evaluation corresponds to the State's guidelines (DTSC, 2015; 2019a) and are consistent with the DTSC's Toxicity Criteria Regulation (California Code of Regulations, 2018). Carcinogenic and non-carcinogenic toxicity values used in the human health risk evaluation are presented in Table 7.

## 4.1 TOXICITY ASSESSMENT FOR CARCINOGENIC EFFECTS

Current health risk assessment practice for carcinogens is based on the assumption that, for most substances, there is no threshold dose below which carcinogenic effects do not occur. This current "no-threshold" assumption for carcinogenic effects is based on an assumption that the carcinogenic processes are the same at high and low doses. This approach has generally been adopted by regulatory agencies as a conservative practice to protect public health, and the "no-threshold" assumption has been used in the agency-derived cancer slope factors (CSFs) and unit risk factors (URFs) used in this human health risk evaluation. Although the magnitude of the risk declines with decreasing exposure, the risk is believed to be zero only at zero exposure.

The toxicity values used to quantify the response potency of a potential carcinogen are the following:

- The CSF, used in assessing the oral route of exposure, represents the excess lifetime cancer risk due to a continuous, constant lifetime exposure to a specified level of a carcinogen generally reported as excess incremental cancer risk per milligram of chemical per kilogram body weight per day [$(mg/kg\text{-}day)^{-1}$].
- The URF, used to assess the inhalation route of exposure, represents the excess lifetime cancer risk due to a continuous, constant lifetime exposure to a specified level of a carcinogen in the air, generally reported as excess incremental cancer risk per microgram of chemical per cubic meter of air [$(\mu g/m^3)^{-1}$]. URFs are reported as excess incremental cancer risk per milligram of chemical per cubic meter of air [$(mg/m^3)^{-1}$] in Table 7 for risk calculation purposes.

The Cal/EPA and USEPA have published a list of CSFs and URFs recommended for use in risk assessments. The Cal/EPA-recommended CSFs and URFs are maintained on the Cal/EPA OEHHA's online toxicity criteria database (OEHHA, 2024). Table 7 presents the CSFs and URFs for COPCs used in this human health risk evaluation. As indicated in Table 7, the COPCs at the Site that are currently regulated as carcinogens are 1,1,2,2-tetrachloroethane, 1,1-dichloroethane, 1,2,4-trichlorobenzene, 1,2-dichloroethane, 1,2-dichloropropane, 1,4-dichlorobenzene, benzene, chloroethane, ethylbenzene, methyl tert-butyl ether, methylene chloride, naphthalene, tert-butyl alcohol, PCE, TCE, vinyl chloride, carcinogenic polycyclic aromatic hydrocarbons (CPAHs; benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, dibenz[a,h]anthracene, and indeno[1,2,3-cd]pyrene), arsenic, cadmium, hexavalent chromium, cobalt, and nickel. Consistent with DTSC guidance (DTSC, 2022a), the potential cancer and non-cancer health effects of individual CPAHs

are included in the estimate of cumulative cancer risk and non-cancer hazard from COPCs in soil at the Site.

## 4.2 TOXICITY ASSESSMENT FOR NON-CARCINOGENIC EFFECTS

The toxicity assessment for non-carcinogenic effects requires the estimation of an exposure level below which no adverse health effects in humans are expected to occur. USEPA refers to these levels as reference doses (RfDs) for oral exposures and reference concentrations (RfCs) for inhalation exposures (USEPA, 1989). The non-cancer RfD represents a dose, given in mg/kg-day, that would not be expected to cause adverse non-cancer health effects in potentially exposed populations. The non-cancer RfD is often referred to as the "acceptable dose." The non-cancer RfC represents the airborne concentration (in units of $mg/m^3$) that would not be expected to cause adverse non-cancer health effects in populations exposed through the inhalation pathway. OEHHA refers to these "acceptable dose or concentrations" as reference exposure levels (RELs). As the inhalation RfCs/RELs are derived from inhalation toxicity studies, they are used for evaluating inhalation exposures (USEPA, 1989). Consistent with the DTSC's Toxicity Criteria Regulation (California Code of Regulations, 2018), non-cancer toxicity values used (i.e., RfDs and RfCs) correspond to those listed and recommended by Cal/EPA and USEPA.

DTSC-recommended RfDs and RfCs (DTSC, 2019a) from the Integrated Risk Information System online database (USEPA, 2024) are used in this human health risk evaluation. Table 7 presents the non-carcinogenic toxicity values used in this human health risk evaluation COPCs at the Site.

## 4.3 TOXICITY ASSESSMENT FOR LEAD

The traditional RfD approach to the evaluation of chemicals is not applied to lead because most human health effects data are based on blood lead concentrations, rather than external doses (DTSC, 2022b). To evaluate this endpoint, DTSC developed the LeadSpread model. The latest version of the LeadSpread mathematical model, version 9 (DTSC, 2022b), estimates blood lead levels that would result from regular contact with lead in soil assuming exposure via incidental ingestion, dermal contact, and dust inhalation. In an industrial setting, the most sensitive receptor to potential lead exposure is a female worker of child-bearing age given the sensitivity of fetuses and neonates to the adverse effects of lead on development. The OEHHA has established 1 microgram per deciliter (µg/dL) as a benchmark for source-specific incremental change in blood lead levels for the protection of school children and fetuses (OEHHA, 2007). Using LeadSpread Version 9, DTSC developed a health-based soil screening level for lead in industrial land use scenarios of 500 milligrams per kilogram (mg/kg). This value represents the concentration in soil corresponding to a 90th percentile estimate of blood lead in the fetus of a pregnant adult worker equal to 1 µg/dL and is used in the human health risk evaluation to evaluate non-intrusive worker and construction worker exposures to lead in Site soil.

# 5. Risk Characterization

This section of the human health risk evaluation presents the quantitative characterization of risks posed by the COPCs identified in on-Site soil and on-Site soil vapor, and a discussion of uncertainties associated with the projected risks.

This section is divided into two parts. The first part discusses the methodology used in calculating potential health risks to potentially exposed populations posed by the presence of chemicals in on-Site soil and on-Site soil vapor. The second part presents the estimated cumulative potential ILECR and non-cancer hazard posed by the presence of COPCs in on-Site soil and on-Site soil vapor. The quantitative estimates of ILECRs and non-cancer hazards provide the basis for mitigation measures that may be appropriate to reduce risks to levels that would be fully protective of human health and the environment.

## 5.1 METHODOLOGY

Estimating ILECRs and non-cancer HIs for exposures to chemicals in soil and soil vapor requires information regarding chemical concentrations in the various media, the level of intake of the chemical, and the relationship between intake of the chemical and its toxicity as a function of human exposure to the chemical. The methodology used to derive the ILECRs and non-cancer HIs for the selected COPCs is based principally on guidance provided in the regulatory documents listed below.

- USEPA, 1989. *Risk Assessment Guidance for Superfund. Volume I: Human Health Evaluation Manual (Part A). Interim Final*. Office of Emergency and Remedial Response. EPA/540/1-89/002. Washington, D.C. December.
- USEPA, 1991. *Risk Assessment Guidance for Superfund. Volume I: Human Health Evaluation Manual. Supplemental Guidance. Standard Default Exposure Factors.* Office of Emergency and Remedial Response. 25 March.
- USEPA, 2009. *Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment). Final.* OSWER Directive 9285.7-82. EPA-540-R1-070-002. January.
- DTSC, 2015. *Preliminary Endangerment Assessment Manual*. October.
- DTSC, 2019. *Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Hazardous Waste Sites and Permitted Facilities.* Human Health Risk Assessment (HHRA) Note Number: 1. Office of Human and Ecological Risk (HERO). 9 April.

The sections below present the equations used to derive the ILECRs and non-cancer HIs for the selected COPCs.

### 5.1.1 Carcinogenic Health Effects

The equations below describe the established relationship between estimated intake, toxicity, and risk for carcinogenic health effects. For exposures occurring via incidental soil ingestion and dermal contact with soil, the relationship for carcinogenic effects is given by the following equation (USEPA, 1989):

$$ILECR = CDI \times CSF$$

Where:

| | | |
|---|---|---|
| ILECR | = | Incremental lifetime excess cancer risk; the incremental probability of an individual developing cancer as a result of exposure to a particular cumulative dose of a potential carcinogen (unitless); |
| CDI | = | Chronic daily intake of a chemical (mg chemical/kg body weight-day); and |
| CSF | = | Cancer slope factor; the toxicity value which indicates the upper limit on ILECR per unit of dose of chemical (mg chemical/kg body weight-day)$^{-1}$. |

For inhalation pathways, the relationship for carcinogenic effects is given by the following equation (USEPA, 2009):

$$ILECR = EC \times URF$$

Where:

| | | |
|---|---|---|
| ILECR | = | Incremental lifetime excess cancer risk; the incremental probability of an individual developing cancer as a result of exposure to a particular cumulative concentration of a potential carcinogen (unitless); |
| EC | = | Exposure concentration of a chemical (mg chemical/m$^3$ air); and |
| URF | = | Unit Risk Factor; the toxicity value which indicates the upper limit on ILECR per unit of concentration of chemical (mg chemical/m$^3$ air)$^{-1}$. |

The formulas for developing the CDIs and ECs for the worker scenarios are presented in Table 4. The calculated CDIs and ECs for the populations evaluated in this human health risk evaluation for exposure to carcinogenic COPCs in soil are presented in Tables 8A and 8B. Estimated ILECRs associated with exposure to carcinogenic COPCs in soil for exposure scenarios evaluated in this human health risk evaluation are presented in Tables 10A and 10B.

ILECRs estimated on an individual sample basis for the vapor intrusion pathway for exposure scenarios evaluated in this human health risk evaluation are presented in Appendix H and summarized in Table 12A and 12B using soil-to-indoor AFs of 0.0005 and 0.03, respectively.

As a point of reference, the National Contingency Plan (NCP) (40 Code of Federal Regulations [CFR] 300) indicates that total ILECRs posed by a site should not exceed a range of $1 \times 10^{-6}$ to one hundred in a million ($1 \times 10^{-4}$). The Cal/EPA's point of departure for total ILECR for all receptor groups is $1 \times 10^{-6}$, and risk management decisions may raise this criterion depending on site-specific conditions (e.g., $1 \times 10^{-5}$ for commercial settings). OEHHA's benchmark risk level for total ILECRs is $1 \times 10^{-5}$.

### 5.1.2 Non-carcinogenic Health Effects

The equations below describe the established relationship between estimated intake, toxicity, and non-carcinogenic hazard. For exposures occurring via incidental soil ingestion and dermal contact with soil, the relationship for non-carcinogenic effects is given by the following equation (USEPA, 1989):

$$\text{Hazard Quotient} = \text{CDI}/\text{RfD}$$

$$\text{Hazard Index} = \sum \text{Hazard Quotient}$$

Where:

| | | |
|---|---|---|
| Hazard Quotient | = | Hazard quotient (HQ); an expression of the potential for a chemical to cause non-carcinogenic effects, which relates the allowable amount of a chemical (RfD) to the estimated Site-specific intake (unitless); |
| Hazard Index | = | Hazard index (HI); the sum of the chemical-specific HQs, which represents the cumulative potential for predicted exposures to result in non-carcinogenic effects (unitless); |
| CDI | = | Chronic daily intake of a chemical (mg chemical/kg body weight-day); and |
| RfD | = | Reference dose; the toxicity value indicating the threshold amount of chemical contacted below which no adverse health effects are expected (mg chemical/kg body weight-day). |

For inhalation pathways, the relationship for non-carcinogenic effects is given by the following equation (USEPA, 2009):

$$\text{Hazard Quotient} = \text{EC}/\text{RfC}$$

$$\text{Hazard Index} = \sum \text{Hazard Quotient}$$

Where:

| | | |
|---|---|---|
| Hazard Quotient | = | HQ; an expression of the potential for a chemical to cause non-carcinogenic effects, which relates the allowable concentration |

| | | |
|---|---|---|
| | | of a chemical (RfC) to the estimated site-specific exposure concentration (unitless); |
| Hazard Index | = | HI; the sum of the chemical-specific HQs, which represents the cumulative potential for predicted exposures to result in non-carcinogenic effects (unitless); |
| EC | = | Exposure Concentration of a chemical (mg chemical/$m^3$ air); and |
| RfC | = | Reference concentration; the toxicity value indicating the threshold concentration of chemical contacted below which no adverse health effects are expected (mg chemical/$m^3$ air). |

The formulas for developing the CDIs and ECs for the worker scenarios are presented in Table 4. The calculated CDIs and ECs for the populations evaluated in this human health risk evaluation for exposure to non-carcinogenic COPCs in soil are presented in Tables 9A and 9B. Estimated non-cancer HIs associated with exposure to non-carcinogenic COPCs in soil for exposure scenarios evaluated in this human health risk evaluation are presented in Tables 11A and 11B.

Non-cancer HIs estimated on an individual sample basis for the vapor intrusion pathway for exposure scenarios evaluated in this human health risk evaluation are presented in Appendix H and summarized in Table 12A and 12B using soil-to-indoor AFs of 0.0005 and 0.03, respectively.

For non-cancer health effects, a HQ of less than or equal to 1 implies that the intake for a given population and chemical is less than or equal to levels where adverse non-cancer health effects could occur. For non-cancer health hazards, a HQ of 1 is identified as the target level of concern. Chemical exposures that yield HIs of less than or equal to 1 are not expected to result in adverse non-cancer health effects (USEPA, 1989).

A HI that is calculated by summing the HQs for all COPCs, which is termed a Screening Hazard Index, generally provides an overestimation of potential risk. This is because the critical effects upon which the RfD and RfC values are derived are not necessarily the same for all COPCs. For example, the critical effect for TPH-diesel and TPH-gasoline is based on adverse effects to the general toxicity, nervous system, respiratory, and kidney while the critical effect for Aroclor-1242 is based on adverse effects to the skin, eyes, and immune system. Thus, summing HQs for TPH-diesel and TPH-gasoline is appropriate because the summation of HQs provides a HI for effects to the nervous system, respiratory, and kidney. Conversely, summing TPH-diesel and Aroclor-1242 HQs with the arsenic HQ does not provide an accurate estimate of total HI for one effect or the other. Rather, it provides an overestimate of general risk.

Consequently, a total HI that is above 1 and is based on exposures to multiple COPCs does not necessarily indicate that the potential for adverse health effects is unacceptable if the risks for the COPCs are not additive. Therefore, when HI values exceed 1, and the HQ values associated with any given COPC do not exceed 1, it is appropriate to conduct an additional evaluation to review the hazard quotient for each COPC individually, taking into consideration the effect of individual COPCs on target organs. Separate HI values for specific target organ effects may then be calculated and evaluated against the USEPA goal of a HI of 1. Hazard index values for hypothetical future on-Site non-intrusive worker and construction worker exposure to Site soil (0 to 10 feet bgs) were segregated by target organ effect, as shown on Tables 11A and 11B, respectively.

## 5.2 RESULTS OF CANCER RISK AND NON-CANCER HAZARD ASSESSMENT

This section presents the results of the ILECR and non-cancer hazard estimates for exposures to COPCs in on-Site soil and on-Site soil vapor under hypothetical future land use scenarios. Hypothetical future on-Site receptors evaluated include non-intrusive workers and construction workers.

As previously indicated, the ILECRs and non-cancer hazards estimated under the exposure scenarios evaluated in this human health risk evaluation are presented in Tables 10A through 12B.

### 5.2.1 On-Site Non-Intrusive Worker

The estimated cumulative ILECRs and non-cancer HIs associated with potential exposures to COPCs in on-Site soil (0 to 10 feet bgs) and on-Site soil vapor for the hypothetical future on-Site non-intrusive workers are summarized in the table below:

| Media | Cumulative ILECR | Non-cancer HI |
|---|---|---|
| On-Site Soil (0 to 10 feet bgs) | $6\times10^{-5}$ | 5 |
| On-Site Soil Vapor (Vapor Intrusion)[1] | $1\times10^{-4}$ / $7\times10^{-3}$ | 1 / 62 |

***Notes:***

*[1] The cumulative ILECR and non-cancer HI presented for the vapor intrusion pathway are the maximum values estimated on an individual sample basis for all soil vapor samples collected. Estimates based on the DTSC default attenuation factor of 0.0005 for future commercial buildings (DTSC, 2011) are presented followed by estimates based on the DTSC and SWRCB default attenuation factor for residential buildings of 0.03 (DTSC and SWRCB, 2023).*

#### *5.2.1.1 On-Site Soil (0 to 10 feet bgs)*

As indicated in Table 10A, the cumulative ILECR estimated for hypothetical future on-Site non-intrusive worker exposure to COPCs in on-Site soil (0 to 10 feet bgs) is $6 \times 10^{-5}$, which is within the acceptable risk range of $1 \times 10^{-6}$ to $1 \times 10^{-4}$, but above the Cal/EPA's point of departure of $1 \times 10^{-6}$ and OEHHA's benchmark cancer risk level of $1 \times 10^{-5}$. The estimated cumulative ILECR is predominantly attributable to arsenic ($2 \times 10^{-5}$; 36 percent), followed by Aroclor-1242 ($2 \times 10^{-5}$; 31 percent), hexavalent chromium ($1 \times 10^{-5}$; 19 percent), Aroclor-1248 ($2 \times 10^{-6}$; 3 percent), and Aroclor-1254 ($2 \times 10^{-6}$; 3 percent) via incidental ingestion and dermal contact (Table 10a). No other COPCs contribute chemical-specific ILECRs greater than $1 \times 10^{-6}$.

As indicated in Table 11A, the non-cancer HI estimated for hypothetical future on-Site non-intrusive worker exposure to COPCs in on-Site soil (0 to 10 feet bgs) is 5, which is above the acceptable HI of 1. The estimated HI is predominantly attributable to arsenic (HI of 2; 40 percent), Aroclor-1242 (HI of 1; 29 percent), TPH-diesel (HI of 0.7; 14 percent), TPH-gasoline (HI of 0.3; 5 percent), Aroclor-1248 (HI of 0.1; 3 percent), and Aroclor-1254 (HI of 0.1; 3 percent) contributing incrementally to a HI above 1. Excluding arsenic and Aroclors-1242, -1248, and -1254, the estimated non-cancer HI for hypothetical future on-Site non-intrusive workers does not exceed 1. The HIs for TPH-diesel and TPH-gasoline are likely overestimated, particularly the HI via the vapor inhalation pathway (HI of 0.6 and 0.2, respectively) due to the use of the VF approach to estimate outdoor air concentrations of COPCs that tend to overestimate emissions of VOCs from soils. As such, the HIs for TPH-diesel and TPH-gasoline are likely lower than what is presented in this risk evaluation.

When HI values for hypothetical future on-Site non-intrusive worker exposure to COPCs in on-Site soil (0 to 10 feet bgs) are summed by target organ effect, HI values exceed 1 (target organ HI of 1). HI segregation is shown in Table 10B. Note that the target organ-specific HI values that exceed 1 are predominately attributable to arsenic and Aroclor-1242.

#### *5.2.1.2 Lead in On-Site Soil (0 to 10 feet bgs)*

The EPC for lead in on-Site soil (0 to 10 feet bgs), 941 mg/kg (Table 6), is above the DTSC-SL for industrial soil of 500 mg/kg. Potential exposure for hypothetical future on-Site non-intrusive workers to lead in on-Site soil (0 to 10 feet bgs) may therefore result in an increase in blood lead level for the fetus of a hypothetical future on-Site non-intrusive worker above the OEHHA's benchmark value of 1 µg/dL.

#### *5.2.1.3 On-Site Soil Vapor: Vapor Intrusion*

As shown in Table 12A, using the DTSC default attenuation factor for future commercial buildings of 0.0005 (DTSC, 2011), estimated non-cancer HIs associated with vapor intrusion for hypothetical future on-Site non-intrusive workers are at or below the acceptable HI of 1; however, estimated cumulative ILECRs are at or above $1 \times 10^{-6}$ at several locations, ranging from $1 \times 10^{-6}$ to $1 \times 10^{-4}$ (SB-21 at 5 feet bgs; 22 August 2020 sample; Table 12A). ILECRs are above $1 \times 10^{-6}$ at eight locations and are driven by the following VOCs:

- benzene and ethylbenzene at two locations, HP-4 at 5 feet bgs and SB-21 at 5 feet bgs;
- PCE at four locations, HP-4 at 5 feet bgs, HP-9 at 5 and 15 feet bgs, and LV-10 at 6 feet bgs;
- TCE at one location, LV-4 at 14 feet bgs; and
- vinyl chloride at seven locations, HP-4 at 5 and 15 feet bgs, LV-4 at 14 feet bgs, LV-8 at 5 and 15 feet bgs, LV-10 at 6 feet bgs, SB-17 at 5 feet bgs, SB-18 at 5 feet bgs, and SB-21 at 5 and 15 feet bgs.

Seven of the eight locations with ILECRs are above $1 \times 10^{-6}$ are located within the footprint of the proposed future commercial building at the Site (Figure 2 and Appendix A).

As shown in Table 12B, using the DTSC and SWRCB default attenuation factor of 0.03 (DTSC and SWRCB, 2023), which was derived entirely from data on chlorinated solvent compounds and for residential buildings (USEPA, 2012), estimated non-cancer HIs associated with vapor intrusion for hypothetical future on-Site non-intrusive workers are at or above the acceptable HI of 1 at several locations, ranging from 2 to 62 (Table 12B). Estimated non-cancer HIs above 1 are driven primarily by detected concentrations of benzene, cis-1,2-dichloroethene, PCE, toluene, TCE, vinyl chloride, and/or xylenes in the following soil vapor samples:

- HP-4 (5 feet bgs),
- HP-9 (5 and 15 feet bgs),
- LV-3 (10 feet bgs),
- LV-4 (5 and 14 feet bgs),
- LV-8 (5 and 15 feet bgs),
- LV-10 (6 and 15 feet bgs),
- SB-5 (15 feet bgs),
- SB-8 (15 feet bgs),
- SB-10 (5 and 15 feet bgs),
- SB-13 (5 and 15 feet bgs),
- SB-14 (5 and 15 feet bgs),
- SB-16 (5 and 15 feet bgs),
- SB-17 (5 feet bgs),
- SB-18 (5 and 15 feet bgs),
- SB-20 (5 feet bgs)
- SB-21 (5 and 15 feet bgs),
- SB-22 (15 feet bgs), and
- SB-23 (15 feet bgs).

Estimated cumulative ILECRs are above $1 \times 10^{-6}$ at all locations, ranging from $2 \times 10^{-6}$ to $7 \times 10^{-3}$ (Table 12B). Cumulative ILECR estimates above $1 \times 10^{-6}$ are driven primarily by detected concentrations of 1,1-dichloroethane, 1,2-dichloroethane, 1,4-dioxane, benzene, bromodichloromethane, chloroform, ethylbenzene, methylene chloride, PCE, TCE, and/or vinyl chloride.

### 5.2.2 On-Site Construction Worker

The estimated cumulative ILECRs and non-cancer HIs associated with potential exposures to COPCs in on-Site soil (0 to 10 feet bgs) for the hypothetical future on-Site construction worker are summarized in the table below:

| Media | Cumulative ILECR | Non-cancer HI |
|---|---|---|
| On-Site Soil (0 to 10 feet bgs) | $4 \times 10^{-5}$ | 17 |

As indicated in Table 10B, the cumulative ILECR estimated for hypothetical future on-Site construction worker exposure to COPCs in on-Site soil (0 to 10 feet bgs) is $4 \times 10^{-5}$, which is within the acceptable risk range of $1 \times 10^{-6}$ to $1 \times 10^{-4}$, but above the Cal/EPA point of departure of $1 \times 10^{-6}$ and OEHHA's benchmark cancer risk level of $1 \times 10^{-5}$. The estimated cumulative ILECR is predominantly attributable to hexavalent chromium ($4 \times 10^{-5}$; 83 percent) via particulate inhalation ($4 \times 10^{-5}$) and incidental ingestion ($1 \times 10^{-6}$), arsenic ($3 \times 10^{-6}$; 7 percent) via incidental ingestion ($2 \times 10^{-6}$) and dermal contact ($1 \times 10^{-6}$), and Aroclor-1242 ($3 \times 10^{-6}$; 6 percent) via incidental ingestion ($1 \times 10^{-5}$) and dermal contact ($2 \times 10^{-5}$). No other COPCs contribute chemical-specific ILECRs greater than $1 \times 10^{-6}$.

Estimated ILECRs via the particulate inhalation pathway are based on an assumption of exposure to elevated dust levels of 1 mg/m$^3$ in air sustained over the entire 8-hour workday period over 250 days in one year during redevelopment soil disturbance construction activities at the Site. This assumption is overly conservative given that best management practices will likely be implemented during construction activities to minimize/mitigate dust emission levels to below the California Air Resources Board 24-hour particulate matter with a diameter less than or equal to 10 microns ($PM_{10}$) standard of 50 µg/m$^3$ for protection of surrounding communities and soil disturbance activities during redevelopment, such as grading and trenching for utilities would likely occurring the initial phases of redevelopment and over a small portion of a year. Therefore, the estimated ILECRs for the hypothetical future on-Site construction worker are overestimated and are likely lower than those presented in this risk evaluation, particularly for hexavalent chromium, where the estimated cumulative ILECR is predominantly attributable to the particulate inhalation pathway ($4 \times 10^{-5}$).

As indicated in Table 11B, the non-cancer HI estimated for hypothetical future on-Site construction worker exposure to COPCs in on-Site soil (0 to 10 feet bgs) is 17, which is above the acceptable HI of 1. The estimated HI is predominantly attributable to arsenic (41 percent) and Aroclor-1242 (31 percent) with estimated non-cancer HIs of 7 and 5, respectively. Other COPCs with HIs below 1 that contribute approximately 5, 4, 3, 3, 3, and 2 percent to the total HI include TPH-diesel (HI of 0.9), total chromium (HI of 0.6), Aroclor-1248 (HI of 0.5), Aroclor-1254 (HI of 0.5), cobalt (HI of 0.4), and Aroclor-1260 (HI of 0.3), respectively. Similarly for hexavalent chromium, the estimated non-cancer HIs for total chromium and cobalt are predominantly attributable to the particulate inhalation pathway (i.e., HIs via the particulate inhalation pathway for total chromium and cobalt are 0.6 and 0.3, respectively); therefore, they are overestimated and are likely lower than those presented in this risk evaluation. The HI for TPH-diesel is also overestimated, particularly the HI via the vapor inhalation pathway (HI of 0.6) as it is based on the assumption that the entire soil concentration of TPH-diesel is volatile. This assumption is overly

conservative given the weathering of the TPH in soil and only a portion of the lower end of carbon chain range of petroleum constituents that comprise TPH-diesel mixture is considered volatile.

When HI values for hypothetical future on-Site construction worker exposure to COPCs in on-Site soil (0 to 10 feet bgs) are summed by target organ effect, HI values exceed 1 (target organ HI of 1). HI segregation is shown in Table 11B. Note that the target organ-specific HI values that exceed 1 is predominately attributable to arsenic and Aroclor-1242.

#### *5.2.2.1 Lead in On-Site Soil (0 to 10 feet bgs)*

The EPC for lead in on-Site soil (0 to 10 feet bgs) of 941 mg/kg (Table 5) is above the DTSC-SL for industrial soil of 500 mg/kg. Potential exposure for hypothetical future on-Site construction workers to lead in on-Site soil (0 to 10 feet bgs) may therefore result in an increase in the blood lead level for the fetus of a hypothetical future on-Site non-intrusive worker above the OEHHA's benchmark value of 1 µg/dL.

### 5.3 UNCERTAINTIES IN THE RISK CHARACTERIZATION

The risk evaluation includes several uncertainties that warrant discussion. Many of the assumptions used in this risk assessment, regarding the representativeness of the sampling data, potential human exposures, fate and transport modeling, and chemical toxicity are conservative, follow agency guidance, and reflect a 90th or 95th percentile value, rather than a typical or average value. The use of several conservative exposure assumptions and toxicity estimates can introduce considerable uncertainty into the risk assessment. By using conservative exposure assumptions or toxicity estimates, the assessment can develop a significant conservative bias that may result in the calculation of significantly higher cancer risks or non-cancer hazards than are actually posed by the chemicals present in soil. A discussion of the key uncertainties used in this evaluation for the Site is discussed in Appendix E.

# 6. Summary and Conclusions

This human health risk evaluation was conducted to determine whether the levels of chemicals detected at the Site would pose a potential risk to human health based on the current and potential future property uses at the Site. The results of the human health risk evaluation will be used to assist in identifying areas of the Site where remediation, or other forms of risk management, may be appropriate to reduce risks to levels that would be fully protective of human health and the environment.

The risk evaluation was intended to be conservative, resulting in projected estimates of health risks that are likely higher than the actual risks that may be posed by the Site. The human receptors that could potentially be impacted through use of the Site were identified and included in the evaluation. Soil and soil vapor data collected during Site investigations were included in the datasets used in the quantitative human health risk evaluation, with the exceptions discussed in Section 3.1. Chemicals detected in soil within the top 10 feet were included in the evaluation under the assumption that a UCL represents the EPC to which human populations may be exposed. For VOCs detected in soil vapor, potential vapor intrusion was evaluated on an individual sample basis (*i.e.*, transport of COPCs from each probe location and sample depth was evaluated separately).

Summaries of the estimated total ILECRs and non-cancer HIs associated with potential exposures to COPCs in soil and soil vapor for the receptor populations evaluated in the human health risk evaluation are presented in the sections below. These sections discuss the quantitative risk results and corresponding conclusions for hypothetical future on-Site receptors.

## 6.1 HYPOTHETICAL FUTURE ON-SITE NON-INTRUSIVE WORKERS

The results of the human health risk evaluation indicate that the estimated cumulative ILECR associated with COPCs in on-Site soil (0 to 10 feet bgs) for hypothetical future on-Site non-intrusive workers is within the acceptable risk range of $1 \times 10^{-6}$ to $1 \times 10^{-4}$, but above the Cal/EPA point of departure of $1 \times 10^{-6}$ and OEHHA's benchmark cancer risk level of $1 \times 10^{-5}$. The non-cancer HI estimated for hypothetical future on-Site non-intrusive worker exposure to COPCs in on-Site soil (0 to 10 feet bgs) is 5, which is above the acceptable HI of 1. The estimated cumulative ILECR is driven by arsenic, hexavalent chromium, and Aroclors-1242, -1248, and -1254, that are also contributing chemical-specific ILECRs greater than $1 \times 10^{-6}$. The estimated HI is predominantly attributable to arsenic and Aroclors-1242, -1248, and -1254 contributing incrementally to a HI above 1. Excluding arsenic and Aroclors-1242, -1248, and -1254, the estimated non-cancer HI for hypothetical future on-Site non-intrusive workers does not exceed 1.

The EPC for lead in on-Site combined surface and subsurface soil (0 to 10 feet bgs) of 941 mg/kg, is above the DTSC-SL for industrial soil of 500 mg/kg. Potential exposure for hypothetical future on-Site non-intrusive workers to lead in on-Site soil (0 to 10 feet bgs) may therefore result in an increase in the blood lead level for the fetus of a hypothetical future on-Site non-intrusive worker above the OEHHA's benchmark value of 1 µg/dL.

Using the DTSC default attenuation factor of 0.0005 for future commercial buildings, estimated non-cancer HIs associated with vapor intrusion for hypothetical future on-Site non-intrusive workers are at or below the acceptable HI of 1; however, estimated cumulative ILECRs are above $1 \times 10^{-6}$ at eight locations; seven locations are within the footprint the proposed future commercial building at the Site.

Cumulative ILECR estimates above $1 \times 10^{-6}$ are driven primarily by detected concentrations of benzene, ethylbenzene, TCE, PCE, and/or vinyl chloride detected at the following eight soil vapor sample locations: HP-4 (5 and 15 feet bgs), HP-9 (5 and 15 feet bgs), LV-4 (14 feet bgs), LV-8 (5, and 15 feet bgs), LV-10 (6 feet bgs), SB-17 (5 feet bgs), SB-18 (5 feet bgs), and SB-21 (5 and 15 feet bgs).

Using the DTSC and SWRCB default attenuation factor of 0.03 (DTSC and SWRCB, 2023), which was derived entirely from data on chlorinated solvent compounds and for residential buildings (USEPA, 2012), estimated non-cancer HIs associated with vapor intrusion for hypothetical future on-Site non-intrusive workers are above the acceptable HI of 1 at 18 locations, ranging from 2 to 62. Estimated non-cancer HIs above 1 are driven primarily by detected concentrations of benzene, cis-1,2-dichloroethene, PCE, toluene, TCE, vinyl chloride, and/or xylenes detected in soil vapor. Estimated cumulative ILECRs are above $1 \times 10^{-6}$ at all locations, ranging from $2 \times 10^{-6}$ to $7 \times 10^{-3}$. Cumulative ILECR estimates above $1 \times 10^{-6}$ are driven primarily by detected concentrations of 1,1-dichloroethane, 1,2-dichloroethane, 1,4-dioxane, benzene, bromodichloromethane, chloroform, ethylbenzene, methylene chloride, PCE, TCE, and/or vinyl chloride.

In summary, the results of the human health risk evaluation support the following:

- VOCs detected in soil vapor may require some remediation, mitigation, or other form of risk management (e.g., institutional controls) prior to the redevelopment of the Site for future commercial/ industrial land use purposes.
- Aroclors, arsenic, hexavalent chromium, and lead in soil may require some remediation, mitigation, or other form of risk management (e.g., institutional controls) prior to the redevelopment of the Site for future commercial/industrial land use purposes.

## 6.2 HYPOTHETICAL FUTURE CONSTRUCTION WORKERS

The results of the human health risk evaluation indicate that the estimated cumulative ILECR associated with COPCs in on-Site soil (0 to 10 feet bgs) for hypothetical future on-Site construction workers is within the acceptable risk range of $1 \times 10^{-6}$ to $1 \times 10^{-4}$, but above the Cal/EPA's point of departure of $1 \times 10^{-6}$ and OEHHA's benchmark cancer risk level of $1 \times 10^{-5}$. The estimated non-cancer HI for hypothetical future on-Site construction worker exposure to COPCs in on-Site soil (0 to 10 feet bgs) is above the acceptable HI of 1. The estimated cumulative ILECR is driven by arsenic, hexavalent chromium, and Aroclor-1242. The estimated HI is driven by arsenic, with Aroclor-1242, TPH-diesel, Aroclor-1248, total chromium, cobalt, Aroclor-1260, and Aroclor-1254 contributing incrementally to a HI above 1.

Estimated ILECRs and/or HIs for the hypothetical future on-Site construction worker are overestimated and likely lower than presented in this risk evaluation, particularly for hexavalent chromium, total chromium, and cobalt, given the overly conservative exposure assumptions of sustained elevated dust levels during the entire workday for 250 days over a one-year period during redevelopment construction activities at the Site. Furthermore, the HI for TPH-diesel for the hypothetical future on-Site construction worker is overestimated and likely lower than presented in this risk evaluation, given the overly conservative assumption that the entire soil concentration of TPH-diesel is volatile and does not account for the weathering of the TPH in soil and only a portion of the lower end of carbon chain range of petroleum constituents that comprise a TPH-diesel mixture is considered volatile.

The EPC for lead in on-Site combined surface and subsurface soil (0 to 10 feet bgs) of 941 mg/kg, is above the DTSC-SL for industrial soil of 500 mg/kg. Potential exposure for hypothetical future on-Site

non-intrusive workers to lead in on-Site soil (0 to 10 feet bgs) may therefore result in an increase in the blood lead level for the fetus of a hypothetical future on-Site construction worker above the OEHHA's benchmark value of 1 µg/dL.

In summary, the results of the human health risk evaluation support that levels of arsenic, hexavalent chromium, Aroclors, and lead in soil at the Site may require some remediation, mitigation, or other form of risk management to protect the health of hypothetical future on-Site construction workers involved in the redevelopment of the Site for commercial/industrial land use purposes.

# 7. Development of Risk-Based and Ambient-Based Screening Concentrations

The overall remedial action goal is to ensure that residual concentrations of chemicals remaining at the Site are protective of human health and the environment. The following section presents the RBSCs and ABSCs that can be used in the upcoming remedial planning to identify detected concentrations of those chemicals in soil or soil vapor and areas of the Site that may warrant some form of remedial or risk management action.

Based on results of the human health risk evaluation, remediation or other forms of risk management (e.g., institutional controls) is not necessary under current conditions, as the Site is currently unoccupied. However, concentrations of several COPCs in soil or soil vapor exceed levels that would be considered acceptable for future on-Site commercial/industrial land use. Some form of remediation or other forms of risk management (e.g., institutional controls) may be required in order for the Site to be developed for such use in the future. Furthermore, concentrations of arsenic, hexavalent chromium, TPH, Aroclors, total chromium, and cobalt in Site soil may also require remediation or other forms of risk management (e.g., institutional controls) prior to redevelopment of the Site.

RBSCs have been developed for the COPCs evaluated in soil in this risk evaluation to assist in making remedial and risk management decisions for the Site. When developing remedial action goals under state and federal regulatory programs, the NCP (40 CFR 300) is commonly cited as the basis for determining an acceptable incremental risk for humans. According to the NCP, ILECRs posed by a remediated site should not exceed $1 \times 10^{-6}$ to $1 \times 10^{-4}$, and non-carcinogenic chemicals should not be present at levels expected to cause adverse health effects. RBSCs, concentrations of individual chemicals that correspond to an ILECR of $1 \times 10^{-6}$ or a non-cancer HQ of 1 for the receptors evaluated, are presented for both carcinogenic and non-carcinogenic effects in Table 13 for the COPCs in soil for the hypothetical future on-Site populations evaluated. The RBSCs will be used to identify and target those areas of the Site that may warrant some form of remedial or risk management action.

For lead, the RBSC will be based on DTSC's health-based soil screening level for lead in industrial land use scenarios of 500 mg/kg.

Ambient (or "background") soil concentrations of arsenic commonly exceed concentrations corresponding to ILECRs of $1 \times 10^{-6}$. Because it is not usually possible or practical to reduce concentrations below background levels, the risk management objective normally imposed by regulatory agencies in these situations is to remediate a site to ambient levels. The ABSC for arsenic is 11 mg/kg based on (i.e., rounded up from) the upper bound of the Site-specific soil arsenic concentration of 10.63 mg/kg developed in the PEA Report (ENVIRO-TOX Services, Inc., 2022).

The methodologies used to derive the RBSCs for soil are presented in Section 7.1.

## 7.1 DEVELOPMENT OF RISK-BASED CLEANUP LEVELS

This section presents methodology used to derive the range of chemical-specific RBSCs for soil that would be protective of hypothetical future on-Site populations, and chemical-specific RBSCs for soil vapor that would be protective of hypothetical future on-Site non-intrusive workers. These RBSCs can then be used to identify those areas of the Site that could either be targeted for remediation or which should be subjected to other forms of long-term risk management. As described above, the NCP (40 CFR

300) indicates that ILECRs posed by a site should not exceed a range of $1 \times 10^{-6}$ to $1 \times 10^{-4}$ and non-carcinogenic chemicals should not be present at levels expected to cause adverse health effects (i.e., a HI greater than 1). As a starting point, the target cancer risk level used in the calculation of the RBSCs for carcinogens is set at the lower end of the risk range of $1 \times 10^{-6}$. The target HQ used in the calculation of the RBSCs for non-carcinogens is 1. These RBSCs may then be compared to the on-Site soil concentrations to identify those chemicals and specific areas that may be the focus of upcoming remedial planning.

### 7.1.1 Methodology

Section 5.2 presented the ILECRs and non-cancer hazards posed by a given chemical at a concentration in on-Site soil under the on-Site exposure scenarios evaluated. Rearranging the equations used to estimate the ILECRs and non-cancer hazards and using the target ILECR of $1 \times 10^{-6}$ and the target non-cancer HQ of 1, the concentration of each chemical associated with the target ILECR and HQ levels can be determined. This is the common method used to estimate RBSCs for a site, where the results of the risk assessment indicate that some form of remediation or risk management is warranted.

#### *7.1.1.1 Soil Risk-Based Screening Concentrations*

The soil RBSCs presented in Table 13 are developed using the equations below. For carcinogenic effects, the following equation is used to derive the soil RBSC:

$$\mathrm{RBSC}_{\mathrm{a,carcinogen}} = \frac{\text{Target Risk Level}}{\left(\left[\frac{\mathrm{Risk}_{\mathrm{a,inhv}}}{\mathrm{Conc}_{\mathrm{inhv}}}\right] + \left[\frac{\mathrm{Risk}_{\mathrm{a,inhp}}}{\mathrm{Conc}_{\mathrm{a,inhp}}}\right] + \left[\frac{\mathrm{Risk}_{\mathrm{a,ing}}}{\mathrm{Conc}_{\mathrm{a,ing}}}\right] + \left[\frac{\mathrm{Risk}_{\mathrm{a,der}}}{\mathrm{Conc}_{\mathrm{a,der}}}\right]\right)}$$

Where:

| | | |
|---|---|---|
| $\mathrm{RBSC}_{\mathrm{a,carcinogen}}$ | = | Risk-based Screening Concentration, chemical a, for carcinogenic effects (mg/kg); |
| Target Risk Level | = | Target Cancer Risk Level (unitless); |
| $\mathrm{Risk}_{\mathrm{a,inhv}}$ | = | Calculated Cancer Risk for Chemical a for the vapor inhalation pathway, developed as described above (unitless); |
| $\mathrm{Risk}_{\mathrm{a,inhp}}$ | = | Calculated Cancer Risk for Chemical a for the particulate inhalation pathway, developed as described above (unitless); |
| $\mathrm{Risk}_{\mathrm{a,ing}}$ | = | Calculated Cancer Risk for Chemical a for the soil ingestion pathway, developed as described above (unitless); |
| $\mathrm{Risk}_{\mathrm{a,der}}$ | = | Calculated Cancer Risk for Chemical a for the dermal contact pathway, developed as described above (unitless); |
| $\mathrm{Conc}_{\mathrm{a,inhv}}$ | = | Representative Exposure Concentration of Chemical a for the vapor inhalation pathway (mg/kg); |
| $\mathrm{Conc}_{\mathrm{a,inhp}}$ | = | Representative Exposure Concentration of Chemical a for the particulate inhalation pathway (mg/kg); |
| $\mathrm{Conc}_{\mathrm{a,ing}}$ | = | Representative Exposure Concentration of Chemical a for the soil ingestion pathway (mg/kg); and |

| | | |
|---|---|---|
| $Conc_{a,der}$ | = | Representative Exposure Concentration of Chemical a for the dermal contact pathway (mg/kg). |

For non-carcinogenic effects, the following equation is used to derive the soil RBSC:

$$RBSC_{a,non-carcinogen} = \frac{\text{Target HQ}}{\left(\left[\frac{HQ_{a,inhv}}{Conc_{a,inhv}}\right] + \left[\frac{HQ_{a,inhp}}{Conc_{a,inhp}}\right] + \left[\frac{HQ_{a,ing}}{Conc_{a,ing}}\right] + \left[\frac{HQ_{a,der}}{Conc_{a,der}}\right]\right)}$$

Where:

| | | |
|---|---|---|
| $RBSC_{a,non-carcinogen}$ | = | Risk-based Screening Concentration, chemical a, for non-carcinogenic effects, (mg/kg); |
| Target HQ | = | Target Hazard Quotient Level (unitless); |
| $HQ_{a,inhv}$ | = | Calculated Hazard Quotient for Chemical a for the vapor inhalation pathway, developed as described above (unitless); |
| $HQ_{a,inhp}$ | = | Calculated Hazard Quotient for Chemical a for the particulate inhalation pathway, developed as described above (unitless); |
| $HQ_{a,ing}$ | = | Calculated Hazard Quotient for Chemical a for the soil ingestion pathway, developed as described above (unitless); |
| $HQ_{a,der}$ | = | Calculated Hazard Quotient for Chemical a for the dermal contact pathway, developed as described above (unitless); |
| $Conc_{a,inhv}$ | = | Representative Exposure Concentration of Chemical a for the vapor inhalation pathway (mg/kg); |
| $Conc_{a,inhp}$ | = | Representative Exposure Concentration of Chemical a for particulate inhalation pathway (mg/kg); |
| $Conc_{a,ing}$ | = | Representative Exposure Concentration of Chemical a for soil ingestion pathway (mg/kg); and |
| $Conc_{a,der}$ | = | Representative Exposure Concentration of Chemical a for dermal contact pathway (mg/kg). |

An example soil RBSC calculation for naphthalene is provided in Appendix H.

As presented in Table 13, the lowest of the RBSCs based on the cancer or non-cancer endpoint for the hypothetical future construction worker is lower than lower RBSC for the hypothetical future on-Site non-intrusive worker for several COPCs due to the overly conservative exposure assumptions used in the particulate inhalation pathway evaluation for the hypothetical future construction worker scenario, particularly for hexavalent chromium, total chromium, and cobalt. The RBSCs for hexavalent chromium, total chromium, and cobalt are driven by the particulate inhalation pathway. Best management practices will likely be implemented during construction activities to minimize/mitigate dust emission levels to below the California Air Resources Board 24-hour $PM_{10}$ standard of 50 µg/$m^3$ for protection of surrounding communities. Soil disturbance activities during redevelopment, such as grading and trenching for utilities, would likely occur during the initial phases of redevelopment and over a small portion of a year; therefore, soil remediation to the RBSCs for the hypothetical future on-Site non-

intrusive worker for these compounds would be protective of the hypothetical future construction worker.

## References


1. California Code of Regulations, 2018. Title 22, Division 4.5, Environmental Health Standards for the Management of Hazardous Waste. Toxicity Criteria for Human Health Risk Assessments, Screening Levels, and Remediation Goals. Available at: https://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/Final-Toxicity-Criteria-Rule-Rule-Text-Appdx-2018-09-04-clean.pdf.

2. Department of Toxic Substances Control (DTSC), 1997. Selecting Inorganic Constituents as Chemicals of Potential Concern at Risk Assessments at Hazardous Waste Sites and Permitted Facilities. February.

3. DTSC, 2009. Use of the Northern and Southern California Polynuclear Aromatic Hydrocarbon (PAH) Studies in the Manufactured Gas Plant Site Cleanup Process. 1 July.

4. DTSC, 2011. Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance). October.

5. DTSC, 2015. Preliminary Endangerment Assessment Guidance Manual. California Environmental Protection Agency (Cal/EPA). Dated January 1994, Revised. October.

6. DTSC, 2019a. Toxicity Criteria. Human Health Risk Assessment (HHRA) Note Number: 10. Department of Toxic Substances Control. Human and Ecological Risk Office (HERO). 25 February.

7. DTSC, 2019b. Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Hazardous Waste Sites and Permitted Facilities. Human Health Risk Assessment (HHRA) Note Number: 1. DTSC, Office of Human and Ecological Risk (HERO). 9 April.

8. DTSC, 2020. DTSC-modified Screening Levels (DTSC-SLs). Human Health Risk Assessment (HHRA) Note Number: 3. Department of Toxic Substances Control (DTSC). Human and Ecological Risk Office (HERO). June. Revised May 2022.

9. DTSC, 2022a. Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note Number 4. Guidance for Screening Level Human Health Risk Assessments. March.

10. DTSC, 2022b. Leadspread Version 9. https://dtsc.ca.gov/leadspread-9/

11. DTSC and California State Water Resources Control Board, 2023. Supplemental Guidance: Screening and Evaluating Vapor Intrusion. Final Draft. February.

12. EEC Environmental, 2023a. Fourth Quarter 2022 Remedial Progress Report, 2220 North Rosemead Boulevard, South El Monte, California. January 1, 2023.

13. EEC Environmental, 2023b. Groundwater Well Installation and Sampling Report, Former Pacific Drum Company (Rosemead Holding, LLC), 2200, 2212, 2218, and 2226 North Rosemead Boulevard, South El Monte, California 91733, WIP No. 107.0266, Site ID No. 2040647.

14. ENVIRON Corporation, Iris Environmental, and ENV America, 2002. Background Levels of Polycyclic Aromatic Hydrocarbons in Northern California Surface Soil. 7 June.

15. ENVIRO-TOX Services, Inc., 2022. Preliminary Endangerment Assessment (PEA) Report.

16. Hunter, Davis, and Roach, 2004. Inorganic Chemicals in Groundwater and Soil: Background Concentrations at California Air Force Bases. presented at 44th Annual Meeting of Society of Toxicology, New Orleans, Louisiana, March 10, 2005.

17. Leighton Consulting, Inc., 2021. Limited Soil and Soil Vapor Site Investigation, Rosemead Holding, LLC – Phase 1 Development. 2200 North Rosemead Boulevard, South El Monte, California. September 3.

18. Office of Environmental Health Hazard Assessment (OEHHA), 2007. Development of Health Criteria for Schools Site Risk Assessment Pursuant to Health and Safety Code Section 901(g): Proposed Child-Specific Benchmark Change in Blood Lead Concentration for School Site Risk Assessment. Available at: https://oehha.ca.gov/media/downloads/crnr/pbhgv44010507.pdf.

19. OEHHA, 2024. Toxicity Criteria Database. Maintained online at: https://oehha.ca.gov/chemicals.

20. United States Environmental Protection Agency (USEPA), 1988. Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA: Office of Emergency and Remedial Response. Washington, D.C.

21. USEPA, 1989. Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part A). Interim Final. Office of Emergency and Remedial Response. EPA-540/1-89/002. Washington, D.C. December.

22. USEPA, 1996. Soil Screening Guidance: User's Guide. Office of Solid Waste and Emergency Response. EPA/540/R-96/018. April.

23. USEPA, 2002a. Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. Office of Emergency and Remedial Response. Washington, D.C. OSWER 9285.6-10. December.

24. USEPA, 2002b. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Office of Solid Waste and Emergency Response. Washington, D.C. December.

25. USEPA, 2009. Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment). Final. OSWER Directive 9285.7-82. EPA-540-R1-070-002. January.

26. USEPA, 2012. EPA's Vapor Intrusion Database: Evaluation and Characterization of Attenuation Factors for Chlorinated Volatile Organic Compounds and Residential Buildings. 16 March.

27. USEPA, 2015. OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. Office of Solid Waste and Emergency Response. June.

28. USEPA, 2022a. ProUCL Version 5.2.00. Available at: https://www.epa.gov/land-research/proucl-software.

29. USEPA, 2022b. ProUCL Version 5.2.0 Technical Guide, Statistical Software for Environmental Applications for Data Sets with and without Nondetect Observations. 14 June.

30. USEPA, 2023. USEPA Regional Screening Levels (RSLs). November. Available at: https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables.

31. USEPA, 2024. USEPA. Integrated Risk Information System. Available at: http://www.epa.gov/iris/.

# TABLES

**TABLE 1**
**SUMMARY OF CHEMICALS INCLUDED IN THE RISK ASSESSMENT: SOIL (0 TO 10 FEET BGS)**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | Detection Frequency | Detected Site Concentrations (mg/kg) | Arithmetic Mean [a] (mg/kg) | UCL of Site Concentrations [b] (mg/kg) | 95th Percentile of Background Concentrations (mg/kg) | Included in Risk Assessment [c] |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0 / 14 | ND | NC | NC | -- | No |
| 1,1,1-Trichloroethane | 9 / 23 | 0.00018 - 1.7 | 0.077 | 0.63 | -- | **Yes** |
| 1,1,2,2-Tetrachloroethane | 1 / 15 | 0.012 | 0.0010 | NC | -- | **Yes** |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 3 / 17 | 0.00092 - 0.0060 | 0.00084 | NC | -- | **Yes** |
| 1,1,2-Trichloroethane | 0 / 14 | ND | NC | NC | -- | No |
| 1,1-Dichloroethane (1,1-DCA) | 21 / 152 | 0.00023 - 0.12 | 0.013 | 0.00091 | -- | **Yes** |
| 1,1-Dichloroethene (1,1-DCE) | 2 / 116 | 0.00023 - 0.0078 | 0.014 | NC | -- | **Yes** |
| 1,1-Dichloropropene | 0 / 14 | ND | NC | NC | -- | No |
| 1,2,3-Trichlorobenzene | 1 / 50 | 3.0 | 0.062 | NC | -- | **Yes** |
| 1,2,3-Trichloropropane | 0 / 14 | ND | NC | NC | -- | No |
| 1,2,4-Trichlorobenzene | 5 / 52 | 0.0022 - 87 | 1.8 | 12 | -- | **Yes** |
| 1,2,4-Trimethylbenzene | 35 / 152 | 0.00027 - 230 | 2.3 | 4.9 | -- | **Yes** |
| 1,2-Dibromo-3-chloropropane (DBCP) | 0 / 14 | ND | NC | NC | -- | No |
| 1,2-Dibromoethane (Ethylene Dibromide) | 0 / 14 | ND | NC | NC | -- | No |
| 1,2-Dichlorobenzene | 8 / 53 | 0.00058 - 300 | 6.6 | 17 | -- | **Yes** |
| 1,2-Dichloroethane | 2 / 16 | 0.00096 - 0.021 | 0.0015 | NC | -- | **Yes** |
| 1,2-Dichloropropane | 2 / 16 | 0.00095 - 0.0015 | 0.00026 | NC | -- | **Yes** |
| 1,3,5-Trimethylbenzene | 19 / 152 | 0.00033 - 76 | 0.77 | 1.7 | -- | **Yes** |
| 1,3-Dichlorobenzene | 1 / 15 | 0.00070 | 0.00015 | NC | -- | **Yes** |
| 1,3-Dichloropropane | 0 / 14 | ND | NC | NC | -- | No |
| 1,4-Dichlorobenzene | 5 / 53 | 0.0017 - 82 | 1.9 | 4.8 | -- | **Yes** |
| 2,2-Dichloropropane | 0 / 14 | ND | NC | NC | -- | No |
| 2-Butanone (Methyl Ethyl Ketone) | 70 / 116 | 0.0032 - 1.8 | 0.044 | 0.066 | -- | **Yes** |
| 2-Chlorotoluene | 0 / 14 | ND | NC | NC | -- | No |
| 2-Hexanone (methyl butyl ketone) | 0 / 14 | ND | NC | NC | -- | No |
| 4-Chlorotoluene | 0 / 14 | ND | NC | NC | -- | No |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | 17 / 116 | 0.00019 - 3.2 | 0.055 | 0.091 | -- | **Yes** |
| Acetone | 105 / 152 | 0.016 - 1.4 | 0.28 | 0.10 | -- | **Yes** |
| Benzene | 108 / 152 | 0.00024 - 0.11 | 0.010 | 0.0064 | -- | **Yes** |
| Bromobenzene | 0 / 14 | ND | NC | NC | -- | No |
| Bromodichloromethane | 0 / 14 | ND | NC | NC | -- | No |
| Bromoform | 0 / 14 | ND | NC | NC | -- | No |
| Carbon disulfide | 2 / 14 | 0.00071 - 0.0052 | 0.00057 | NC | -- | **Yes** |
| Carbon tetrachloride | 0 / 14 | ND | NC | NC | -- | No |
| Chlorobenzene | 6 / 54 | 0.00023 - 0.80 | 0.027 | 0.11 | -- | **Yes** |
| Chlorobromomethane | 0 / 14 | ND | NC | NC | -- | No |
| Dibromochloromethane | 0 / 14 | ND | NC | NC | -- | No |
| Chloroethane (Ethyl Chloride) | 2 / 16 | 0.00032 - 0.00081 | 0.00035 | NC | -- | **Yes** |
| Chloroform (Trichloromethane) | 0 / 14 | ND | NC | NC | -- | No |
| Chloromethane (Methyl Chloride) | 1 / 53 | 0.040 | 0.012 | NC | -- | **Yes** |

**TABLE 1**
**SUMMARY OF CHEMICALS INCLUDED IN THE RISK ASSESSMENT: SOIL (0 TO 10 FEET BGS)**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | | Detection Frequency | Detected Site Concentrations (mg/kg) | Arithmetic Mean [a] (mg/kg) | UCL of Site Concentrations [b] (mg/kg) | 95th Percentile of Background Concentrations (mg/kg) | Included in Risk Assessment [c] |
|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | | 21 / 116 | 0.00021 - 0.64 | 0.015 | 0.017 | -- | **Yes** |
| cis-1,3-Dichloropropene | | 0 / 14 | ND | NC | NC | -- | No |
| Isopropylbenzene (Cumene) | | 19 / 152 | 0.00034 - 14 | 0.14 | 0.31 | -- | **Yes** |
| p-Isopropyltoluene (Cymene) | | 15 / 61 | 0.00030 - 7.5 | 0.23 | 0.74 | -- | **Yes** |
| Dichlorodifluoromethane (Freon 12) | | 0 / 14 | ND | NC | NC | -- | No |
| Di-isopropyl ether (DIPE) | | 0 / 14 | ND | NC | NC | -- | No |
| Ethanol | | 2 / 15 | 0.24 - 0.32 | 0.072 | NC | -- | **Yes** |
| Ethyl tert-butyl ether (ETBE) | | 0 / 14 | ND | NC | NC | -- | No |
| Ethylbenzene | | 61 / 152 | 0.00021 - 110 | 1.2 | 2.5 | -- | **Yes** |
| Bromomethane (Methyl Bromide) | | 10 / 116 | 0.00037 - 1.5 | 0.030 | 0.040 | -- | **Yes** |
| Methyl tertiary butyl ether (MTBE) | | 5 / 116 | 0.00085 - 0.015 | 0.015 | 0.00083 | -- | **Yes** |
| Methylene bromide | | 0 / 14 | ND | NC | NC | -- | No |
| Methylene chloride | | 2 / 16 | 0.0017 - 2.1 | 0.13 | NC | -- | **Yes** |
| Naphthalene | [d] | 29 / 152 | 0.00015 - 17 | 0.21 | 0.41 | -- | **Yes** |
| n-Butylbenzene | | 13 / 60 | 0.00048 - 10 | 0.37 | 0.72 | -- | **Yes** |
| n-Propylbenzene | | 16 / 63 | 0.00041 - 34 | 0.82 | 1.8 | -- | **Yes** |
| sec-Butylbenzene | | 11 / 57 | 0.00022 - 7.4 | 0.20 | 0.78 | -- | **Yes** |
| Styrene | | 4 / 18 | 0.0024 - 0.15 | 0.0089 | 0.025 | -- | **Yes** |
| Tert-amyl methyl ether (TAME) | | 0 / 14 | ND | NC | NC | -- | No |
| tert-Butyl alcohol | | 28 / 30 | 0.0085 - 0.083 | 0.026 | 0.033 | -- | **Yes** |
| tert-Butylbenzene | | 2 / 51 | 0.0010 - 0.51 | 0.012 | NC | -- | **Yes** |
| Tetrachloroethene (PCE) | | 63 / 152 | 0.00026 - 4.1 | 0.042 | 0.087 | -- | **Yes** |
| Toluene | | 110 / 152 | 0.00022 - 110 | 1.8 | 3.5 | -- | **Yes** |
| trans-1,2-Dichloroethene | | 4 / 116 | 0.00043 - 0.036 | 0.013 | 0.0012 | -- | **Yes** |
| trans-1,3-Dichloropropene | | 0 / 14 | ND | NC | NC | -- | No |
| Trichloroethene | | 44 / 116 | 0.00026 - 1.2 | 0.025 | 0.037 | -- | **Yes** |
| Trichlorofluoromethane (Freon 11) | | 2 / 16 | 0.00056 - 0.55 | 0.035 | NC | -- | **Yes** |
| Vinyl acetate | | 0 / 14 | ND | NC | NC | -- | No |
| Vinyl chloride | | 8 / 116 | 0.00051 - 0.10 | 0.014 | 0.0032 | -- | **Yes** |
| Xylenes | | 64 / 152 | 0.00023 - 1,010 | 11 | 23 | -- | **Yes** |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| 1-Methylnaphthalene | | 3 / 32 | 0.032 - 1.1 | 0.20 | NC | -- | **Yes** |
| 2-Methylnaphthalene | | 4 / 32 | 0.052 - 2.5 | 0.25 | 0.28 | -- | **Yes** |
| Acenaphthene | | 2 / 32 | 0.17 - 1.2 | 0.19 | NC | -- | **Yes** |
| Acenaphthylene | | 0 / 32 | ND | NC | NC | -- | No |
| Anthracene | | 2 / 32 | 0.097 - 0.90 | 0.19 | NC | -- | **Yes** |
| Benzo(a)anthracene | [e] | 13 / 32 | 0.0023 - 2.9 | 0.23 | 0.24 | -- | **Yes** |
| Benzo(a)pyrene | [e] | 11 / 32 | 0.0035 - 4.1 | 0.30 | 0.13 | -- | **Yes** |
| Benzo(b)fluoranthene | [e] | 10 / 32 | 0.0035 - 3.7 | 0.27 | 0.77 | -- | **Yes** |
| Benzo(g,h,i)perylene | | 11 / 32 | 0.0021 - 2.5 | 0.22 | 0.17 | -- | **Yes** |
| Benzo(k)fluoranthene | [e] | 13 / 32 | 0.0026 - 3.0 | 0.27 | 0.28 | -- | **Yes** |
| Chrysene | [e] | 17 / 32 | 0.0018 - 3.2 | 0.25 | 0.61 | -- | **Yes** |

**TABLE 1**
**SUMMARY OF CHEMICALS INCLUDED IN THE RISK ASSESSMENT: SOIL (0 TO 10 FEET BGS)**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | | Detection Frequency | Detected Site Concentrations (mg/kg) | Arithmetic Mean [a] (mg/kg) | UCL of Site Concentrations [b] (mg/kg) | 95th Percentile of Background Concentrations (mg/kg) | Included in Risk Assessment [c] |
|---|---|---|---|---|---|---|---|
| Dibenz(a,h)anthracene | [e] | 3 / 32 | 0.0069 - 0.41 | 0.19 | NC | -- | **Yes** |
| Fluoranthene | | 18 / 32 | 0.00099 - 3.0 | 0.25 | 0.56 | -- | **Yes** |
| Fluorene | | 4 / 32 | 0.035 - 0.96 | 0.19 | 0.13 | -- | **Yes** |
| Indeno(1,2,3-cd)pyrene | [e] | 6 / 32 | 0.0020 - 2.5 | 0.25 | 0.54 | -- | **Yes** |
| Naphthalene | [d] | 5 / 32 | 0.0083 - 3.0 | 0.34 | 0.42 | -- | **Yes** |
| Phenanthrene | | 15 / 32 | 0.0025 - 3.1 | 0.27 | 0.35 | -- | **Yes** |
| Pyrene | | 21 / 32 | 0.00082 - 2.9 | 0.25 | 0.33 | -- | **Yes** |
| **Total Petroleum Hydrocarbons** | | | | | | | |
| TPH-diesel | | 66 / 160 | 4.2 - 24,000 | 452 | 756 | -- | **Yes** |
| TPH-gasoline | | 17 / 138 | 0.16 - 11,000 | 141 | 486 | -- | **Yes** |
| TPH-motor oil | | 109 / 158 | 4.5 - 33,000 | 882 | 1,380 | -- | **Yes** |
| **Metals** | | | | | | | |
| Antimony | | 22 / 129 | 1.6 - 730 | 9.4 | 19 | 12.5 [f] | **Yes** |
| Arsenic | | 92 / 150 | 1.6 - 40 | 5.0 | 5.7 | 10.63 [c] | **Yes** |
| Barium | | 128 / 128 | 14 - 2,200 | 141 | 173 | 320 [f] | **Yes** |
| Beryllium | | 67 / 128 | 0.16 - 0.68 | 0.26 | 0.28 | 1.1 [f] | No |
| Cadmium | | 25 / 128 | 0.12 - 60 | 1.0 | 0.46 | 2.3 [f] | **Yes** |
| Chromium (total) | | 128 / 128 | 1.8 - 5,100 | 84 | 155 | 49.4 [f] | **Yes** |
| Chromium VI | | 5 / 9 | 0.70 - 73 | 12 | NC | 2 [f] | **Yes** |
| Cobalt | | 126 / 128 | 0.99 - 50 | 8.1 | 9.1 | 22 [f] | **Yes** |
| Copper | | 127 / 128 | 1.1 - 1,250 | 50 | 74 | 53.3 [f] | **Yes** |
| Lead | | 164 / 203 | 2.2 - 26,000 | 596 | 910 | 25 [f] | **Yes** |
| Mercury (inorganic) | | 47 / 128 | 0.041 - 3.6 | 0.15 | 0.21 | 0.3 [f] | **Yes** |
| Molybdenum | | 23 / 128 | 0.54 - 480 | 6.6 | 1.9 | 20 [f] | **Yes** |
| Nickel | | 128 / 128 | 0.49 - 120 | 14 | 17 | 41.5 [f] | **Yes** |
| Selenium | | 1 / 128 | 6.6 | 1.8 | NC | 110 [f] | No |
| Silver | | 8 / 128 | 0.20 - 5.1 | 0.39 | 0.31 | 2.1 [f] | **Yes** |
| Thallium | | 1 / 128 | 1.6 | 1.8 | NC | 25 [f] | No |
| Vanadium | | 128 / 128 | 2.4 - 54 | 26 | 28 | 88.3 [f] | No |
| Zinc | | 124 / 128 | 12 - 4,460 | 125 | 191 | 104 [f] | **Yes** |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1016 (PCB-1016) | | 0 / 362 | ND | NC | NC | -- | No |
| Aroclor-1221 (PCB-1221) | | 0 / 362 | ND | NC | NC | -- | No |
| Aroclor-1232 (PCB-1232) | | 0 / 362 | ND | NC | NC | -- | No |
| Aroclor-1242 (PCB-1242) | | 2 / 362 | 7.8 - 11 | 0.23 | NC | -- | **Yes** |
| Aroclor-1248 (PCB-1248) | | 21 / 362 | 0.069 - 36 | 0.64 | 1.00 | -- | **Yes** |
| Aroclor-1254 (PCB-1254) | | 84 / 362 | 0.0040 - 64 | 1.8 | 1.0 | -- | **Yes** |
| Aroclor-1260 (PCB-1260) | | 47 / 362 | 0.0021 - 51 | 0.51 | 0.65 | -- | **Yes** |
| Aroclor-1262 (PCB-1262) | | 1 / 163 | 0.58 | 0.072 | NC | -- | **Yes** |
| Aroclor-1268 (PCB-1268) | | 1 / 111 | 0.26 | 0.091 | NC | -- | **Yes** |

**TABLE 1**
**SUMMARY OF CHEMICALS INCLUDED IN THE RISK ASSESSMENT: SOIL (0 TO 10 FEET BGS)**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Abbreviations:**

-- = Not analyzed for
bgs = Below ground surface
mg/kg = Milligrams per kilogram
NC = Not calculated. For upper confidence limits (UCLs), in order for ProUCL Version 5.1.002 to reliably evaluate a specific data population (e.g., dataset of concentrations of a particular chemical measured at the Site), the population must include at least ten results including at least four detections (United States Environmental Protection Agency [USEPA], 2022).
ND = Not detected

**Notes:**

[a] Arithmetic means derived using one-half the reporting limit values for non-detect results.
[b] UCLs derived using ProUCL Version 5.2.00 (USEPA 2022); ProUCL output is presented in Attachment D.
[c] Inorganics were included in the risk assessment if the maximum detected concentration of the Site data are above the respective maximum detected concentration in the background data set. Per Cal/EPA PEA guidance, lead is included regardless of background levels. As described in the PEA Report previously prepared for this Site, with the exception of arsenic, the background metal data set was obtained from soil metal data collected from California Air Force facilities (Hunter, Davis, and Roach, 2004). A Site-specific arsenic background concentration was developed in the PEA Report for the Site (Enviro-Tox Services, Inc., 2022). All other chemicals were included in the risk assessment if they were ever detected in soil.
[d] Naphthalene was analyzed as both a VOC and a PAH. The UCL calculated for naphthalene as a VOC was used as the exposure point concentration (EPC) in the risk calculations as it is a more robust and an equivalent EPC value compared to the dataset for naphthalene as a PAH.
[e] CPAH
[f] The 95th percentile concentration in the background data set obtained from the Air Force facilities (Hunter, Davis, and Roach, 2004).

**References:**


California Environmental Protection Agency (Cal/EPA). 1993. Benzo(a)pyrene as a Toxic Air Contaminant. Part B. Health Effects of Benzo(a)pyrene. Air Toxicology and Epidemiology Section, Berkeley, CA.
Department of Toxic Substances Control (DTSC). 2009. Use of the Northern and Southern California Polynuclear Aromatic Hydrocarbon (PAH) Studies in the Manufactured Gas Plant Site Cleanup Process. 1 July.
DTSC. 2015. Preliminary Endangerment Assessment Guidance Manual. October.
DTSC. 2022. Human Health Risk Assessment (HHRA) Note Number 4. Screening Level Human Health Risk Assessments. 29 March.
ENVIRO-TOX Services, Inc. 2022. Preliminary Endangerment Assessment, Rosemead Holding, LLC Property, 2200 North Rosemead Boulevard, South El Monte, California. 18 November
ENVIRON Corporation, ENTRIX, IRIS Environmental, and ENV America (ENVIRON et al.). 2002. Background Levels of Polycyclic Aromatic Hydrocarbons in Northern California Surface Soil. 7 June.
Hunter, PM, BK Davis, F Roach. 2004. Naturally Occuring Concentrations of Inoganic Chemicals in Groundwater and Soil at California Air Force Installations. 44th Annual Meeting of the Society of Toxicology. New Orleans, Louisana. https://www.dtsc.ca.gov/AssessingRisk/upload/Metals_Handout.pdf
Office of Environmental Health Hazard Assessment (OEHHA). 2002. Air Toxics Hot Spot Guidelines – Part II Technical Support Document for Describing Available Cancer Potency Factors.
United States Environmental Protection Agency (USEPA). 2022. ProUCL Version 5.2.0. Technical Guide. June.
USEPA. 2022. ProUCL Version 5.2.00. Downloaded from: https://www.epa.gov/land-research/proucl-software.
USEPA. 2023. Regional Screening Levels (RSLs) - User's Guide. November. Available at: https://www.epa.gov/risk/regional-screening-levels-rsls-users-guide.

**TABLE 2**
**SUMMARY OF CHEMICALS INCLUDED IN THE RISK ASSESSMENT: SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | Detection Frequency | Range of Detected Concentrations ($mg/m^3$) | Arithmetic Mean [a] ($mg/m^3$) | Included in Risk Assessment [b] |
|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | |
| 1,1,1,2-Tetrachloroethane | 0 / 33 | ND | NC | No |
| 1,1,1-Trichloroethane | 2 / 50 | 0.05 - 0.066 | 0.016 | **Yes** |
| 1,1,2,2-Tetrachloroethane | 0 / 33 | ND | NC | No |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 26 / 68 | 0.0049 - 3.6 | 0.13 | **Yes** |
| 1,1,2-Trichloroethane | 0 / 33 | ND | NC | No |
| 1,1-Dichloroethane (1,1-DCA) | 52 / 78 | 0.0016 - 10 | 1.072 | **Yes** |
| 1,1-Dichloroethene (1,1-DCE) | 11 / 50 | 0.017 - 0.5 | 0.047 | **Yes** |
| 1,1-Dichloropropene | 0 / 33 | ND | NC | No |
| 1,2,3-Trichlorobenzene | 0 / 33 | ND | NC | No |
| 1,2,3-Trichloropropane | 0 / 33 | ND | NC | No |
| 1,2,4-Trichlorobenzene | 0 / 33 | ND | NC | No |
| 1,2,4-Trimethylbenzene | 9 / 50 | 0.025 - 5.2 | 0.138 | **Yes** |
| 1,2-Dibromo-3-chloropropane (DBCP) | 0 / 33 | ND | NC | No |
| 1,2-Dibromoethane (Ethylene Dibromide) | 0 / 33 | ND | NC | No |
| 1,2-Dichlorobenzene | 0 / 33 | ND | NC | No |
| 1,2-Dichloroethane | 4 / 35 | 0.025 - 0.16 | 0.023 | **Yes** |
| 1,2-Dichloropropane | 1 / 50 | 0.025 | 0.015 | **Yes** |
| 1,3,5-Trimethylbenzene | 3 / 33 | 0.025 - 0.12 | 0.017 | **Yes** |
| 1,3-Dichlorobenzene | 0 / 33 | ND | NC | No |
| 1,3-Dichloropropane | 0 / 33 | ND | NC | No |
| 1,4-Dichlorobenzene | 0 / 33 | ND | NC | No |
| 1,4-Dioxane | 4 / 4 | 0.045 - 1.5 | 0.521 | **Yes** |
| 2,2-Dichloropropane | 0 / 33 | ND | NC | No |
| 2-Butanone (Methyl Ethyl Ketone) | 5 / 38 | 0.016 - 0.51 | 0.132 | **Yes** |
| 2-Chlorotoluene | 0 / 33 | ND | NC | No |
| 2-Hexanone (methyl butyl ketone) | 0 / 33 | ND | NC | No |
| 2-Propanol | 6 / 6 | 0.01 - 0.35 | 0.243 | **Yes** |
| 4-Chlorotoluene | 0 / 33 | ND | NC | No |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | 0 / 33 | ND | NC | No |
| Acetone | 33 / 66 | 0.031 - 15 | 0.648 | **Yes** |
| Benzene | 34 / 70 | 0.0017 - 3.7 | 0.125 | **Yes** |
| Bromobenzene | 0 / 33 | ND | NC | No |
| Bromodichloromethane | 1 / 50 | 0.039 | 0.015 | **Yes** |
| Bromoform | 0 / 33 | ND | NC | No |
| Carbon disulfide | 7 / 42 | 0.0035 - 0.7 | 0.128 | **Yes** |
| Carbon tetrachloride | 0 / 33 | ND | NC | No |
| Chlorobenzene | 0 / 33 | ND | NC | No |

**TABLE 2**
**SUMMARY OF CHEMICALS INCLUDED IN THE RISK ASSESSMENT: SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | Detection Frequency | Range of Detected Concentrations ($mg/m^3$) | Arithmetic Mean [a] ($mg/m^3$) | Included in Risk Assessment [b] |
|---|---|---|---|---|
| Chlorobromomethane | 0 / 33 | ND | NC | No |
| Dibromochloromethane | 0 / 33 | ND | NC | No |
| Chloroethane (Ethyl Chloride) | 1 / 34 | 0.26 | 0.02 | **Yes** |
| Chloroform (Trichloromethane) | 4 / 51 | 0.013 - 0.12 | 0.013 | **Yes** |
| Chloromethane (Methyl Chloride) | 0 / 33 | ND | NC | No |
| cis-1,2-Dichloroethene | 47 / 74 | 0.0017 - 18 | 1.556 | **Yes** |
| cis-1,3-Dichloropropene | 0 / 33 | ND | NC | No |
| Isopropylbenzene (Cumene) | 2 / 33 | 0.03 - 0.15 | 0.018 | **Yes** |
| p-Isopropyltoluene (Cymene) | 4 / 50 | 0.0076 - 0.24 | 0.02 | **Yes** |
| Dichlorodifluoromethane (Freon 12) | 1 / 46 | 0.025 | 0.015 | **Yes** |
| Ethylbenzene | 38 / 74 | 0.0009 - 30 | 0.825 | **Yes** |
| Hexachlorobutadiene | 0 / 33 | ND | NC | No |
| Bromomethane (Methyl Bromide) | 0 / 33 | ND | NC | No |
| Methyl tertiary butyl ether (MTBE) | 5 / 36 | 0.068 - 0.15 | 0.025 | **Yes** |
| Methylene bromide | 0 / 33 | ND | NC | No |
| Methylene chloride | 28 / 74 | 0.0012 - 9.3 | 0.459 | **Yes** |
| Naphthalene | 0 / 33 | ND | NC | No |
| n-Butylbenzene | 0 / 33 | ND | NC | No |
| n-Propylbenzene | 1 / 33 | 0.12 | 0.017 | **Yes** |
| sec-Butylbenzene | 0 / 33 | ND | NC | No |
| Styrene | 0 / 33 | ND | NC | No |
| tert-Butylbenzene | 0 / 33 | ND | NC | No |
| Tetrachloroethene (PCE) | 72 / 81 | 0.029 - 56 | 1.478 | **Yes** |
| Toluene | 48 / 82 | 0.0056 - 320 | 5.806 | **Yes** |
| trans-1,2-Dichloroethene | 15 / 41 | 0.019 - 0.23 | 0.034 | **Yes** |
| trans-1,3-Dichloropropene | 0 / 33 | ND | NC | No |
| Trichloroethene | 72 / 84 | 0.0069 - 10 | 0.739 | **Yes** |
| Trichlorofluoromethane (Freon 11) | 0 / 46 | ND | NC | No |
| Vinyl chloride | 28 / 61 | 0.00048 - 32 | 1.341 | **Yes** |
| Xylenes | 48 / 83 | 0.0075 - 130 | 2.992 | **Yes** |

**Abbreviations:**

$mg/m^3$ = Milligrams per cubic meter

NC = Not calculated. For upper confidence limits (UCLs), in order for ProUCL Version 5.1.002 to reliably evaluate a specific data population (e.g., dataset of

ND = Not detected

**Notes:**

[a] Arithmetic means derived using one-half the reporting limit values for non-detect results.

[b] All detected volatile organic compounds (VOCs) in subsurface soil gas were included in the human health risk assessment (HHRA).

**TABLE 3**
**EXPOSURE POINT AND PREDICTED OUTDOOR AIR CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS)**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | Exposure Point Concentration for Soil [a] (mg/kg) | Outdoor Airborne Particulate Concentration | | Outdoor Vapor Concentration | | | |
|---|---|---|---|---|---|---|---|
| | | On-Site Non-Intrusive Worker [b] ($mg/m^3$) | On-Site Construction Worker [b] ($mg/m^3$) | Volatilization Factor-Non-Intrusive Worker (VF) ($m^3/kg$) | On-Site Non-Intrusive Worker [c] ($mg/m^3$) | Volatilization Factor-Construction Worker (VF) ($m^3/kg$) | On-Site Construction Worker [c] ($mg/m^3$) |
| **Volatile Organic Compounds** | | | | | | | |
| 1,1,1-Trichloroethane | 0.63 | 4.6E-10 | 6.3E-07 | 1.6E+03 | 3.9E-04 | 1.7E+03 | 3.8E-04 |
| 1,1,2,2-Tetrachloroethane | ***0.012*** | 8.8E-12 | 1.2E-08 | 1.5E+04 | 8.0E-07 | 1.5E+04 | 7.8E-07 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ***0.0060*** | 4.4E-12 | 6.0E-09 | 1.3E+03 | 4.7E-06 | 1.3E+03 | 4.6E-06 |
| 1,1-Dichloroethane (1,1-DCA) | 0.00091 | 6.7E-13 | 9.1E-10 | 2.1E+03 | 4.4E-07 | 2.1E+03 | 4.3E-07 |
| 1,1-Dichloroethene (1,1-DCE) | ***0.0078*** | 5.7E-12 | 7.8E-09 | 1.1E+03 | 6.8E-06 | 1.2E+03 | 6.7E-06 |
| 1,2,3-Trichlorobenzene | ***3.0*** | 2.2E-09 | 3.0E-06 | 3.2E+04 | 9.4E-05 | 3.3E+04 | 9.2E-05 |
| 1,2,4-Trichlorobenzene | 12 | 8.5E-09 | 1.2E-05 | 3.0E+04 | 3.9E-04 | 3.0E+04 | 3.8E-04 |
| 1,2,4-Trimethylbenzene | 4.9 | 3.6E-09 | 4.9E-06 | 7.9E+03 | 6.2E-04 | 8.0E+03 | 6.1E-04 |
| 1,2-Dichlorobenzene | 17 | 1.2E-08 | 1.7E-05 | 1.2E+04 | 1.4E-03 | 1.2E+04 | 1.4E-03 |
| 1,2-Dichloroethane | ***0.021*** | 1.5E-11 | 2.1E-08 | 4.5E+03 | 4.6E-06 | 4.6E+03 | 4.5E-06 |
| 1,2-Dichloropropane | ***0.0015*** | 1.1E-12 | 1.5E-09 | 3.8E+03 | 4.0E-07 | 3.8E+03 | 3.9E-07 |
| 1,3,5-Trimethylbenzene | 1.7 | 1.2E-09 | 1.7E-06 | 6.6E+03 | 2.5E-04 | 6.7E+03 | 2.5E-04 |
| 1,3-Dichlorobenzene | ***0.00070*** | 5.1E-13 | 7.0E-10 | 1.3E+04 | 5.3E-08 | 1.4E+04 | 5.2E-08 |
| 1,4-Dichlorobenzene | 4.8 | 3.6E-09 | 4.8E-06 | 1.0E+04 | 4.7E-04 | 1.1E+04 | 4.6E-04 |
| 2-Butanone (Methyl Ethyl Ketone) | 0.066 | 4.8E-11 | 6.6E-08 | 1.2E+04 | 5.4E-06 | 1.2E+04 | 5.3E-06 |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | 0.091 | 6.7E-11 | 9.1E-08 | 1.0E+04 | 8.7E-06 | 1.1E+04 | 8.5E-06 |
| Acetone | 0.10 | 7.6E-11 | 1.0E-07 | 1.4E+04 | 7.7E-06 | 1.4E+04 | 7.5E-06 |
| Benzene | 0.0064 | 4.7E-12 | 6.4E-09 | 3.5E+03 | 1.8E-06 | 3.6E+03 | 1.8E-06 |
| Carbon disulfide | ***0.0052*** | 3.8E-12 | 5.2E-09 | 1.2E+03 | 4.5E-06 | 1.2E+03 | 4.4E-06 |
| Chlorobenzene | 0.11 | 8.1E-11 | 1.1E-07 | 6.4E+03 | 1.7E-05 | 6.5E+03 | 1.7E-05 |
| Chloroethane (Ethyl Chloride) | ***0.00081*** | 6.0E-13 | 8.1E-10 | 1.3E+03 | 6.3E-07 | 1.3E+03 | 6.2E-07 |
| Chloromethane (Methyl Chloride) | ***0.040*** | 2.9E-11 | 4.0E-08 | 1.2E+03 | 3.4E-05 | 1.2E+03 | 3.4E-05 |
| cis-1,2-Dichloroethene | 0.017 | 1.3E-11 | 1.7E-08 | 2.5E+03 | 7.0E-06 | 2.5E+03 | 6.9E-06 |
| Isopropylbenzene (Cumene) | 0.31 | 2.3E-10 | 3.1E-07 | 6.2E+03 | 5.0E-05 | 6.3E+03 | 4.9E-05 |
| p-Isopropyltoluene (Cymene) | 0.74 | 5.4E-10 | 7.4E-07 | 1.7E+04 | 4.5E-05 | 1.7E+04 | 4.4E-05 |
| Ethanol | ***0.32*** | 2.4E-10 | 3.2E-07 | NV | NV | NV | NV |
| Ethylbenzene | 2.5 | 1.9E-09 | 2.5E-06 | 5.6E+03 | 4.5E-04 | 5.7E+03 | 4.4E-04 |
| Bromomethane (Methyl Bromide) | 0.040 | 2.9E-11 | 4.0E-08 | 1.4E+03 | 2.9E-05 | 1.4E+03 | 2.8E-05 |
| Methyl tertiary butyl ether (MTBE) | 0.00083 | 6.1E-13 | 8.3E-10 | 4.9E+03 | 1.7E-07 | 5.0E+03 | 1.7E-07 |
| Methylene chloride | ***2.1*** | 1.5E-09 | 2.1E-06 | 2.2E+03 | 9.7E-04 | 2.2E+03 | 9.5E-04 |
| Naphthalene | 0.41 | 3.0E-10 | 4.1E-07 | 4.6E+04 | 8.9E-06 | 4.7E+04 | 8.7E-06 |
| n-Butylbenzene | 0.72 | 5.3E-10 | 7.2E-07 | 8.1E+03 | 9.0E-05 | 8.2E+03 | 8.8E-05 |
| n-Propylbenzene | 1.8 | 1.3E-09 | 1.8E-06 | 6.9E+03 | 2.6E-04 | 7.1E+03 | 2.5E-04 |
| sec-Butylbenzene | 0.78 | 5.7E-10 | 7.8E-07 | 7.3E+03 | 1.1E-04 | 7.4E+03 | 1.0E-04 |
| Styrene | 0.025 | 1.9E-11 | 2.5E-08 | 9.3E+03 | 2.7E-06 | 9.5E+03 | 2.7E-06 |
| tert-Butyl alcohol | 0.033 | 2.4E-11 | 3.3E-08 | 2.8E+04 | 1.2E-06 | 2.9E+04 | 1.1E-06 |

**TABLE 3**
**EXPOSURE POINT AND PREDICTED OUTDOOR AIR CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS)**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | Exposure Point Concentration for Soil [a] (mg/kg) | Outdoor Airborne Particulate Concentration | | Outdoor Vapor Concentration | | | |
|---|---|---|---|---|---|---|---|
| | | On-Site Non-Intrusive Worker [b] ($mg/m^3$) | On-Site Construction Worker [b] ($mg/m^3$) | Volatilization Factor-Non-Intrusive Worker (VF) ($m^3/kg$) | On-Site Non-Intrusive Worker [c] ($mg/m^3$) | Volatilization Factor-Construction Worker (VF) ($m^3/kg$) | On-Site Construction Worker [c] ($mg/m^3$) |
| tert-Butylbenzene | ***0.51*** | 3.8E-10 | 5.1E-07 | 7.3E+03 | 7.0E-05 | 7.5E+03 | 6.8E-05 |
| Tetrachloroethene (PCE) | 0.087 | 6.4E-11 | 8.7E-08 | 2.3E+03 | 3.7E-05 | 2.4E+03 | 3.7E-05 |
| Toluene | 3.5 | 2.6E-09 | 3.5E-06 | 4.3E+03 | 8.2E-04 | 4.3E+03 | 8.0E-04 |
| trans-1,2-Dichloroethene | 0.0012 | 9.1E-13 | 1.2E-09 | 1.7E+03 | 7.2E-07 | 1.8E+03 | 7.0E-07 |
| Trichloroethene | 0.037 | 2.7E-11 | 3.7E-08 | 2.2E+03 | 1.7E-05 | 2.2E+03 | 1.6E-05 |
| Trichlorofluoromethane (Freon 11) | ***0.55*** | 4.0E-10 | 5.5E-07 | 1.0E+03 | 5.4E-04 | 1.0E+03 | 5.3E-04 |
| Vinyl chloride | 0.0032 | 2.3E-12 | 3.2E-09 | 9.5E+02 | 3.4E-06 | 9.6E+02 | 3.3E-06 |
| Xylenes | 23 | 1.7E-08 | 2.3E-05 | 5.7E+03 | 4.1E-03 | 5.8E+03 | 4.0E-03 |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| 1-Methylnaphthalene | ***1.1*** | 8.1E-10 | 1.1E-06 | 5.8E+04 | 1.9E-05 | 5.9E+04 | 1.9E-05 |
| 2-Methylnaphthalene | 0.28 | 2.0E-10 | 2.8E-07 | 5.8E+04 | 4.8E-06 | 5.9E+04 | 4.7E-06 |
| Acenaphthene | ***1.2*** | 8.8E-10 | 1.2E-06 | 1.4E+05 | 8.6E-06 | 1.4E+05 | 8.4E-06 |
| Anthracene | ***0.90*** | 6.6E-10 | 9.0E-07 | 5.2E+05 | 1.7E-06 | 5.3E+05 | 1.7E-06 |
| Benzo(a)anthracene | 0.24 | 1.8E-10 | 2.4E-07 | 4.4E+06 | 5.4E-08 | 4.5E+06 | 5.3E-08 |
| Benzo(a)pyrene | 0.13 | 9.5E-11 | 1.3E-07 | NV | NV | NV | NV |
| Benzo(b)fluoranthene | 0.77 | 5.7E-10 | 7.7E-07 | NV | NV | NV | NV |
| Benzo(g,h,i)perylene | 0.17 | 1.3E-10 | 1.7E-07 | NV | NV | NV | NV |
| Benzo(k)fluoranthene | 0.28 | 2.1E-10 | 2.8E-07 | NV | NV | NV | NV |
| Chrysene | 0.61 | 4.5E-10 | 6.1E-07 | NV | NV | NV | NV |
| Dibenz(a,h)anthracene | ***0.41*** | 3.0E-10 | 4.1E-07 | NV | NV | NV | NV |
| Fluoranthene | 0.56 | 4.1E-10 | 5.6E-07 | NV | NV | NV | NV |
| Fluorene | 0.13 | 9.5E-11 | 1.3E-07 | 2.8E+05 | 4.6E-07 | 2.8E+05 | 4.5E-07 |
| Indeno(1,2,3-cd)pyrene | 0.54 | 3.9E-10 | 5.4E-07 | NV | NV | NV | NV |
| Phenanthrene | 0.35 | 2.6E-10 | 3.5E-07 | NV | NV | NV | NV |
| Pyrene | 0.33 | 2.4E-10 | 3.3E-07 | 2.4E+06 | 1.4E-07 | 2.4E+06 | 1.4E-07 |
| **Total Petroleum Hydrocarbons** | | | | | | | |
| TPH-diesel | 756 | 5.6E-07 | 7.6E-04 | 1.1E+03 | 6.7E-01 | 1.2E+03 | 6.6E-01 |
| TPH-gasoline | 486 | 3.6E-07 | 4.9E-04 | 8.2E+02 | 5.9E-01 | 8.3E+02 | 5.8E-01 |
| TPH-motor oil | 1,380 | 1.0E-06 | 1.4E-03 | NV | NV | NV | NV |
| **Metals** | | | | | | | |
| Antimony | 19 | 1.4E-08 | 1.9E-05 | NV | NV | NV | NV |
| Arsenic | 5.7 | 4.2E-09 | 5.7E-06 | NV | NV | NV | NV |
| Barium | 173 | 1.3E-07 | 1.7E-04 | NV | NV | NV | NV |
| Cadmium | 0.46 | 3.4E-10 | 4.6E-07 | NV | NV | NV | NV |
| Chromium (total) | 155 | 1.1E-07 | 1.5E-04 | NV | NV | NV | NV |
| Chromium VI | ***73*** | 5.4E-08 | 7.3E-05 | NV | NV | NV | NV |
| Cobalt | 9.1 | 6.7E-09 | 9.1E-06 | NV | NV | NV | NV |

**TABLE 3**
**EXPOSURE POINT AND PREDICTED OUTDOOR AIR CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS)**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | Exposure Point Concentration for Soil [a] (mg/kg) | Outdoor Airborne Particulate Concentration | | Outdoor Vapor Concentration | | | |
|---|---|---|---|---|---|---|---|
| | | On-Site Non-Intrusive Worker [b] ($mg/m^3$) | On-Site Construction Worker [b] ($mg/m^3$) | Volatilization Factor-Non-Intrusive Worker (VF) ($m^3/kg$) | On-Site Non-Intrusive Worker [c] ($mg/m^3$) | Volatilization Factor-Construction Worker (VF) ($m^3/kg$) | On-Site Construction Worker [c] ($mg/m^3$) |
| Copper | 74 | 5.4E-08 | 7.4E-05 | NV | NV | NV | NV |
| Lead | 910 | 6.7E-07 | 9.1E-04 | NV | NV | NV | NV |
| Mercury (inorganic) | 0.21 | 1.5E-10 | 2.1E-07 | NV | NV | NV | NV |
| Molybdenum | 1.9 | 1.4E-09 | 1.9E-06 | NV | NV | NV | NV |
| Nickel | 17 | 1.2E-08 | 1.7E-05 | NV | NV | NV | NV |
| Silver | 0.31 | 2.3E-10 | 3.1E-07 | NV | NV | NV | NV |
| Zinc | 191 | 1.4E-07 | 1.9E-04 | NV | NV | NV | NV |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1242 (PCB-1242) | ***11*** | 8.1E-09 | 1.1E-05 | 5.9E+05 | 1.9E-05 | 6.0E+05 | 1.8E-05 |
| Aroclor-1248 (PCB-1248) | 1.0 | 7.3E-10 | 1.0E-06 | 6.2E+05 | 1.6E-06 | 6.3E+05 | 1.6E-06 |
| Aroclor-1254 (PCB-1254) | 1.0 | 7.6E-10 | 1.0E-06 | 8.4E+05 | 1.2E-06 | 8.5E+05 | 1.2E-06 |
| Aroclor-1260 (PCB-1260) | 0.65 | 4.8E-10 | 6.5E-07 | 1.3E+06 | 5.0E-07 | 1.3E+06 | 4.9E-07 |
| Aroclor-1262 (PCB-1262) | ***0.58*** | 4.3E-10 | 5.8E-07 | NV | NV | NV | NV |
| Aroclor-1268 (PCB-1268) | ***0.26*** | 1.9E-10 | 2.6E-07 | NV | NV | NV | NV |

**Abbreviations:**

bgs = Below ground surface

$m^3/kg$ = Cubic meters per kilogram

mg/kg = Milligrams per kilogram

$mg/m^3$ = Milligrams per cubic meter

**Notes:**

[a] Exposure point concentrations (EPCs) for on Site soil (0 to 10 feet bgs) are used for the evaluation of direct contact exposure pathways (i.e., ingestion and dermal contact) and inhalation of outdoor air particulates. Unless otherwise indicated, the upper confidence limit (UCL) of the arithmetic mean concentrations are used as the representative EPCs. UCLs derived using ProUCL 5.2.00 (USEPA, 2022); ProUCL output is presented in Attachment D. In cases where more than one UCL was suggested by ProUCL, the higher UCL was used. Where too few detections (<4) were available to calculate a UCL (USEPA, 2015), the maximum detected concentration was used. Maximum detected concentrations are bolded and italicized.

[b] Outdoor airborne particulate concentration is calculated by dividing the soil EPCs by the particulate emission factor (PEF). For hypothetical future on-Site non-intrusive workers, a default PEF of $1.36\times10^9$ $m^3/kg$ recommended by the California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control (DTSC) for industrial scenario was used. For hypothetical future on-Site construction workers and maintenance workers, the default PEF of $1.0\times10^6$ $m^3/kg$ recommended by the DTSC for construction scenarios was used.

[c] Outdoor vapor concentration is calculated by dividing the soil EPCs by the chemical-specific volatilization factor (VF).

**References:**

United States Environmental Protection Agency (USEPA). 2022. ProUCL Version 5.2.0. Technical Guide. June.
USEPA. 2022. ProUCL Version 5.2.00.

**TABLE 4**
**CHEMICAL PROPERTIES FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL AND SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| | Diffusivity in air, $D_a$ | | Diffusivity in water, $D_w$ | | Henry's Law Constant at Reference Temperature (25° C), H | | Dimensionless Henry's Law Constant at Reference Temperature (25° C), H' | | Enthalpy of Vaporization at the Normal Boiling Point, $DH_{v,b}$ | | Normal Boiling Point, $T_B$ | | Critical Temperature, $T_C$ | | Enthalpy of Vaporization at Average Soil Temperature, $DH_{v,TS}$ | | Henry's Law Constant at Average Soil Temperature, $H_{TS}$ | | Dimensionless Henry's Law Constant at Average Soil Temperature, $H'_{TS}$ | | Vadose Zone Effective Diffusion Coefficient, $D_{effV}$ | | Organic Carbon Partition Coefficient, $K_{oc}$ | | Pure Component Water Solubility, S | | Vapor Pressure, VP | | Soil Saturation Concentration, $C_{sat}$ , calculated [a] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 6.5E-02 | 1 | 9.6E-06 | 1 | 1.7E-02 | 1 | 7.0E-01 | 1 | 7.1E+03 | 1 | 3.5E+02 | 1 | 5.5E+02 | 1 | 7.7E+03 | J&E | 1.7E-02 | J&E | 7.0E-01 | J&E | 5.1E-03 | J&E | 4.4E+01 | 1 | 1.3E+03 | 1 | 1.2E+02 | 1 | 6.4E+02 | |
| 1,1,2,2-Tetrachloroethane | 4.9E-02 | 1 | 9.3E-06 | 1 | 3.7E-04 | 1 | 1.5E-02 | 1 | 9.0E+03 | 1 | 4.2E+02 | 1 | 6.6E+02 | 1 | 1.0E+04 | J&E | 3.7E-04 | J&E | 1.5E-02 | J&E | 3.8E-03 | J&E | 9.5E+01 | 1 | 2.8E+03 | 1 | 4.6E+00 | 1 | 1.9E+03 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 3.8E-02 | 1 | 8.6E-06 | 1 | 5.3E-01 | 1 | 2.2E+01 | 1 | 6.5E+03 | 1 | 3.2E+02 | 1 | 4.9E+02 | 1 | 6.8E+03 | J&E | 5.3E-01 | J&E | 2.1E+01 | J&E | 2.9E-03 | J&E | 2.0E+02 | 1 | 1.7E+02 | 1 | 3.6E+02 | 1 | 9.0E+02 | |
| 1,1-Dichloroethane (1,1-DCA) | 8.4E-02 | 1 | 1.1E-05 | 1 | 5.6E-03 | 1 | 2.3E-01 | 1 | 6.9E+03 | 1 | 3.3E+02 | 1 | 5.2E+02 | 1 | 7.3E+03 | J&E | 5.6E-03 | J&E | 2.3E-01 | J&E | 6.5E-03 | J&E | 3.2E+01 | 1 | 5.0E+03 | 1 | 2.3E+02 | 1 | 1.7E+03 | |
| 1,1-Dichloroethene (1,1-DCE) | 8.6E-02 | 1 | 1.1E-05 | 1 | 2.6E-02 | 1 | 1.1E+00 | 1 | 6.2E+03 | 1 | 3.0E+02 | 1 | 5.8E+02 | 1 | 6.3E+03 | J&E | 2.6E-02 | J&E | 1.1E+00 | J&E | 6.7E-03 | J&E | 3.2E+01 | 1 | 2.4E+03 | 1 | 6.0E+02 | 1 | 1.2E+03 | |
| 1,2,3-Trichlorobenzene | 4.0E-02 | 1 | 8.4E-06 | 1 | 1.3E-03 | 1 | 5.1E-02 | 1 | 1.3E+04 | 1 | 4.9E+02 | 1 | 7.6E+02 | 1 | 1.5E+04 | J&E | 1.3E-03 | J&E | 5.1E-02 | J&E | 3.1E-03 | J&E | 1.4E+03 | 1 | 1.8E+01 | 1 | 2.1E-01 | 1 | 1.5E+02 | |
| 1,2,4-Trichlorobenzene | 4.0E-02 | 1 | 8.4E-06 | 1 | 1.4E-03 | 1 | 5.8E-02 | 1 | 1.0E+04 | 1 | 4.9E+02 | 1 | 7.3E+02 | 1 | 1.3E+04 | J&E | 1.4E-03 | J&E | 5.8E-02 | J&E | 3.1E-03 | J&E | 1.4E+03 | 1 | 4.9E+01 | 1 | 4.6E-01 | 1 | 4.0E+02 | |
| 1,2,4-Trimethylbenzene | 6.1E-02 | 1 | 7.9E-06 | 1 | 6.2E-03 | 1 | 2.5E-01 | 1 | 9.4E+03 | 1 | 4.4E+02 | 1 | 6.5E+02 | 1 | 1.2E+04 | J&E | 6.2E-03 | J&E | 2.5E-01 | J&E | 4.7E-03 | J&E | 6.1E+02 | 1 | 5.7E+01 | 1 | 2.1E+00 | 1 | 2.2E+02 | |
| 1,2-Dichlorobenzene | 5.6E-02 | 1 | 8.9E-06 | 1 | 1.9E-03 | 1 | 7.8E-02 | 1 | 9.7E+03 | 1 | 4.5E+02 | 1 | 7.1E+02 | 1 | 1.2E+04 | J&E | 1.9E-03 | J&E | 7.8E-02 | J&E | 4.4E-03 | J&E | 3.8E+02 | 1 | 1.6E+02 | 1 | 1.4E+00 | 1 | 3.8E+02 | |
| 1,2-Dichloroethane | 8.6E-02 | 1 | 1.1E-05 | 1 | 1.2E-03 | 1 | 4.8E-02 | 1 | 7.6E+03 | 1 | 3.6E+02 | 1 | 5.6E+02 | 1 | 8.4E+03 | J&E | 1.2E-03 | J&E | 4.8E-02 | J&E | 6.7E-03 | J&E | 4.0E+01 | 1 | 8.6E+03 | 1 | 7.9E+01 | 1 | 3.0E+03 | |
| 1,2-Dichloropropane | 7.3E-02 | 1 | 9.7E-06 | 1 | 2.8E-03 | 1 | 1.2E-01 | 1 | 7.6E+03 | 1 | 3.7E+02 | 1 | 5.7E+02 | 1 | 8.4E+03 | J&E | 2.8E-03 | J&E | 1.2E-01 | J&E | 5.7E-03 | J&E | 6.1E+01 | 1 | 2.8E+03 | 1 | 5.3E+01 | 1 | 1.4E+03 | |
| 1,3,5-Trimethylbenzene | 6.0E-02 | 1 | 7.8E-06 | 1 | 8.8E-03 | 1 | 3.6E-01 | 1 | 9.3E+03 | 1 | 4.4E+02 | 1 | 6.4E+02 | 1 | 1.1E+04 | J&E | 8.8E-03 | J&E | 3.6E-01 | J&E | 4.7E-03 | J&E | 6.0E+02 | 1 | 4.8E+01 | 1 | 2.5E+00 | 1 | 1.8E+02 | |
| 1,3-Dichlorobenzene | 6.9E-02 | 5 | 7.9E-06 | 5 | 1.9E-03 | 5 | 7.8E-02 | 5 | NA | | NA | | NA | | NA | | 1.9E-03 | J&E | 7.8E-02 | J&E | 5.4E-03 | J&E | 6.2E+02 | 5 | 1.6E+02 | 5 | 2.3E+00 | 5 | 6.1E+02 | |
| 1,4-Dichlorobenzene | 5.5E-02 | 1 | 8.7E-06 | 1 | 2.4E-03 | 1 | 9.9E-02 | 1 | 9.3E+03 | 1 | 4.5E+02 | 1 | 6.8E+02 | 1 | 1.1E+04 | J&E | 2.4E-03 | J&E | 9.9E-02 | J&E | 4.3E-03 | J&E | 3.8E+02 | 1 | 8.1E+01 | 1 | 1.7E+00 | 1 | 1.9E+02 | |
| 1,4-Dioxane | 8.7E-02 | 1 | 1.1E-05 | 1 | 4.8E-06 | 1 | 2.0E-04 | 1 | 8.7E+03 | 1 | 3.7E+02 | 1 | 5.9E+02 | 1 | 9.7E+03 | J&E | 4.8E-06 | J&E | 2.0E-04 | J&E | 7.3E-03 | J&E | 2.6E+00 | 1 | 1.0E+06 | 1 | 3.8E+01 | 1 | 1.2E+05 | |
| 2-Butanone (Methyl Ethyl Ketone) | 9.1E-02 | 1 | 1.0E-05 | 1 | 5.7E-05 | 1 | 2.3E-03 | 1 | 7.5E+03 | 1 | 3.5E+02 | 1 | 5.4E+02 | 1 | 8.2E+03 | J&E | 5.7E-05 | J&E | 2.3E-03 | J&E | 7.2E-03 | J&E | 4.5E+00 | 1 | 2.2E+05 | 1 | 9.1E+01 | 1 | 2.8E+04 | |
| 2-Propanol | 1.0E-01 | 1 | 1.1E-05 | 1 | 8.1E-06 | 1 | 3.3E-04 | 1 | 1.1E+04 | 1 | 3.6E+02 | 1 | 5.1E+02 | 1 | 1.2E+04 | J&E | 8.1E-06 | J&E | 3.3E-04 | J&E | 8.4E-03 | J&E | 1.5E+00 | 1 | 1.0E+06 | 1 | 4.5E+01 | 1 | 1.1E+05 | |
| 4-Ethyltoluene | 6.8E-02 | 3 | 7.8E-06 | 4 | 5.0E-03 | 3 | 2.1E-01 | 3 | NA | | 4.3E+02 | 3 | NA | | NA | | 5.0E-03 | J&E | 2.0E-01 | J&E | 5.3E-03 | J&E | 1.8E+03 | 3 | 9.5E+01 | 3 | 3.0E+00 | 3 | 1.0E+03 | |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | 7.0E-02 | 1 | 8.3E-06 | 1 | 1.4E-04 | 1 | 5.6E-03 | 1 | 8.2E+03 | 1 | 3.9E+02 | 1 | 5.7E+02 | 1 | 9.7E+03 | J&E | 1.4E-04 | J&E | 5.6E-03 | J&E | 5.5E-03 | J&E | 1.3E+01 | 1 | 1.9E+04 | 1 | 2.0E+01 | 1 | 3.4E+03 | |
| Acetone | 1.1E-01 | 1 | 1.2E-05 | 1 | 3.5E-05 | 1 | 1.4E-03 | 1 | 7.0E+03 | 1 | 3.3E+02 | 1 | 5.1E+02 | 1 | 7.4E+03 | J&E | 3.5E-05 | J&E | 1.4E-03 | J&E | 8.3E-03 | J&E | 2.4E+00 | 1 | 1.0E+06 | 1 | 2.3E+02 | 1 | 1.1E+05 | |
| Benzene | 9.0E-02 | 1 | 1.0E-05 | 1 | 5.6E-03 | 1 | 2.3E-01 | 1 | 7.3E+03 | 1 | 3.5E+02 | 1 | 5.6E+02 | 1 | 8.0E+03 | J&E | 5.6E-03 | J&E | 2.3E-01 | J&E | 7.0E-03 | J&E | 1.5E+02 | 1 | 1.8E+03 | 1 | 9.5E+01 | 1 | 1.8E+03 | |
| Bromodichloromethane | 5.6E-02 | 1 | 1.1E-05 | 1 | 2.1E-03 | 1 | 8.7E-02 | 1 | 7.8E+03 | 1 | 3.6E+02 | 1 | 5.9E+02 | 1 | 8.5E+03 | J&E | 2.1E-03 | J&E | 8.7E-02 | J&E | 4.4E-03 | J&E | 3.2E+01 | 1 | 3.0E+03 | 1 | 5.0E+01 | 1 | 9.3E+02 | |
| Carbon disulfide | 1.1E-01 | 1 | 1.3E-05 | 1 | 1.4E-02 | 1 | 5.9E-01 | 1 | 6.4E+03 | 1 | 3.2E+02 | 1 | 5.5E+02 | 1 | 6.6E+03 | J&E | 1.4E-02 | J&E | 5.9E-01 | J&E | 8.3E-03 | J&E | 2.2E+01 | 1 | 2.2E+03 | 1 | 3.6E+02 | 1 | 7.3E+02 | |
| Chlorobenzene | 7.2E-02 | 1 | 9.5E-06 | 1 | 3.1E-03 | 1 | 1.3E-01 | 1 | 8.4E+03 | 1 | 4.0E+02 | 1 | 6.3E+02 | 1 | 9.6E+03 | J&E | 3.1E-03 | J&E | 1.3E-01 | J&E | 5.6E-03 | J&E | 2.3E+02 | 1 | 5.0E+02 | 1 | 1.2E+01 | 1 | 7.6E+02 | |
| Chloroethane (Ethyl Chloride) | 1.0E-01 | 1 | 1.2E-05 | 1 | 1.1E-02 | 1 | 4.5E-01 | 1 | 5.9E+03 | 1 | 2.9E+02 | 1 | 4.6E+02 | 1 | 5.7E+03 | J&E | 1.1E-02 | J&E | 4.5E-01 | J&E | 8.1E-03 | J&E | 2.2E+01 | 1 | 6.7E+03 | 1 | 1.0E+03 | 1 | 2.1E+03 | |
| Chloroform (Trichloromethane) | 7.7E-02 | 1 | 1.1E-05 | 1 | 3.7E-03 | 1 | 1.5E-01 | 1 | 7.0E+03 | 1 | 3.3E+02 | 1 | 5.4E+02 | 1 | 7.4E+03 | J&E | 3.7E-03 | J&E | 1.5E-01 | J&E | 6.0E-03 | J&E | 3.2E+01 | 1 | 8.0E+03 | 1 | 2.0E+02 | 1 | 2.5E+03 | |
| Chloromethane (Methyl Chloride) | 1.2E-01 | 1 | 1.4E-05 | 1 | 8.8E-03 | 1 | 3.6E-01 | 1 | 5.1E+03 | 1 | 2.5E+02 | 1 | 4.2E+02 | 1 | 4.6E+03 | J&E | 8.8E-03 | J&E | 3.6E-01 | J&E | 9.7E-03 | J&E | 1.3E+01 | 1 | 5.3E+03 | 1 | 4.3E+03 | 1 | 1.3E+03 | |
| cis-1,2-Dichloroethene | 8.8E-02 | 1 | 1.1E-05 | 1 | 4.1E-03 | 1 | 1.7E-01 | 1 | 7.2E+03 | 1 | 3.3E+02 | 1 | 5.4E+02 | 1 | 7.5E+03 | J&E | 4.1E-03 | J&E | 1.7E-01 | J&E | 6.9E-03 | J&E | 4.0E+01 | 1 | 6.4E+03 | 1 | 2.0E+02 | 1 | 2.4E+03 | |
| Isopropylbenzene (Cumene) | 6.0E-02 | 1 | 7.9E-06 | 1 | 1.2E-02 | 1 | 4.7E-01 | 1 | 1.0E+04 | 1 | 4.3E+02 | 1 | 6.3E+02 | 1 | 1.2E+04 | J&E | 1.2E-02 | J&E | 4.7E-01 | J&E | 4.7E-03 | J&E | 7.0E+02 | 1 | 6.1E+01 | 1 | 4.5E+00 | 1 | 2.7E+02 | |
| p-Isopropyltoluene (Cymene) | 6.4E-02 | 3 | 7.3E-06 | 4 | 1.1E-02 | 3 | 4.5E-01 | 3 | NA | | 4.5E+02 | 3 | NA | | NA | | 1.1E-02 | J&E | 4.5E-01 | J&E | 5.0E-03 | J&E | 5.3E+03 | 3 | 2.3E+01 | 3 | 1.5E+00 | 3 | 7.4E+02 | |
| Dichlorodifluoromethane (Freon 12) | 7.6E-02 | 1 | 1.1E-05 | 1 | 3.4E-01 | 1 | 1.4E+01 | 1 | 9.4E+03 | 1 | 2.4E+02 | 1 | 3.8E+02 | 1 | 7.9E+03 | J&E | 3.4E-01 | J&E | 1.4E+01 | J&E | 5.9E-03 | J&E | 4.4E+01 | 1 | 2.8E+02 | 1 | 4.8E+03 | 1 | 8.3E+02 | |
| Di-isopropyl ether (DIPE) | 6.5E-02 | 1 | 7.8E-06 | 1 | 2.6E-03 | 1 | 1.0E-01 | 1 | 0.0E+00 | | 3.4E+02 | 1 | 5.0E+02 | 1 | 0.0E+00 | J&E | 2.6E-03 | J&E | 1.0E-01 | J&E | 5.1E-03 | J&E | 2.3E+01 | 1 | 8.8E+03 | 1 | 1.5E+02 | 1 | 2.3E+03 | |
| Ethanol | 1.2E-01 | 3 | 1.1E-05 | 1 | 5.0E-06 | 3 | 2.1E-04 | 3 | 1.1E+04 | 1 | 3.5E+02 | 3 | 5.1E+02 | 1 | 1.2E+04 | J&E | 5.0E-06 | J&E | 2.0E-04 | J&E | 1.0E-02 | J&E | 1.9E-01 | 3 | 1.0E+06 | 3 | 5.9E+01 | 3 | 1.0E+05 | |
| Ethylbenzene | 6.8E-02 | 1 | 8.5E-06 | 1 | 7.9E-03 | 1 | 3.2E-01 | 1 | 8.5E+03 | 1 | 4.1E+02 | 1 | 6.2E+02 | 1 | 1.0E+04 | J&E | 7.9E-03 | J&E | 3.2E-01 | J&E | 5.3E-03 | J&E | 4.5E+02 | 1 | 1.7E+02 | 1 | 9.6E+00 | 1 | 4.8E+02 | |
| Bromomethane (Methyl Bromide) | 1.0E-01 | 1 | 1.4E-05 | 1 | 7.3E-03 | 1 | 3.0E-01 | 1 | 5.7E+03 | 1 | 2.8E+02 | 1 | 4.7E+02 | 1 | 5.5E+03 | J&E | 7.3E-03 | J&E | 3.0E-01 | J&E | 7.8E-03 | J&E | 1.3E+01 | 1 | 1.5E+04 | 1 | 1.6E+03 | 1 | 3.6E+03 | |
| Methyl tertiary butyl ether (MTBE) | 7.5E-02 | 1 | 8.6E-06 | 1 | 5.9E-04 | 1 | 2.4E-02 | 1 | 6.7E+03 | 1 | 3.3E+02 | 1 | 5.0E+02 | 1 | 7.1E+03 | J&E | 5.9E-04 | J&E | 2.4E-02 | J&E | 5.9E-03 | J&E | 1.2E+01 | 1 | 5.1E+04 | 1 | 2.5E+02 | 1 | 8.9E+03 | |
| Methylene chloride | 1.0E-01 | 1 | 1.3E-05 | 1 | 3.3E-03 | 1 | 1.3E-01 | 1 | 6.7E+03 | 1 | 3.1E+02 | 1 | 5.1E+02 | 1 | 6.9E+03 | J&E | 3.3E-03 | J&E | 1.3E-01 | J&E | 7.8E-03 | J&E | 2.2E+01 | 1 | 1.3E+04 | 1 | 4.4E+02 | 1 | 3.3E+03 | |
| Naphthalene | 6.0E-02 | 1 | 8.4E-06 | 1 | 4.4E-04 | 1 | 1.8E-02 | 1 | 1.0E+04 | 1 | 4.9E+02 | 1 | 7.5E+02 | 1 | 1.3E+04 | J&E | 4.4E-04 | J&E | 1.8E-02 | J&E | 4.7E-03 | J&E | 1.5E+03 | 1 | 3.1E+01 | 1 | 8.5E-02 | 1 | 2.9E+02 | |
| n-Butylbenzene | 5.3E-02 | 1 | 7.3E-06 | 1 | 1.6E-02 | 1 | 6.5E-01 | 1 | 1.2E+04 | 1 | 4.6E+02 | 1 | 7.2E+02 | 1 | 1.4E+04 | J&E | 1.6E-02 | J&E | 6.5E-01 | J&E | 4.1E-03 | J&E | 1.5E+03 | 1 | 1.2E+01 | 1 | 1.1E+00 | 1 | 1.1E+02 | |
| n-Propylbenzene | 6.0E-02 | 1 | 7.8E-06 | 1 | 1.1E-02 | 1 | 4.3E-01 | 1 | 9.1E+03 | 1 | 4.3E+02 | 1 | 6.3E+02 | 1 | 1.1E+04 | J&E | 1.1E-02 | J&E | 4.3E-01 | J&E | 4.7E-03 | J&E | 8.1E+02 | 1 | 5.2E+01 | 1 | 3.4E+00 | 1 | 2.6E+02 | |
| sec-Butylbenzene | 5.3E-02 | 1 | 7.3E-06 | 1 | 1.8E-02 | 1 | 7.2E-01 | 1 | 1.1E+04 | 1 | 4.5E+02 | 1 | 6.8E+02 | 1 | 1.4E+04 | J&E | 1.8E-02 | J&E | 7.2E-01 | J&E | 4.1E-03 | J&E | 1.3E+03 | 1 | 1.8E+01 | 1 | 1.8E+00 | 1 | 1.4E+02 | |
| Styrene | 7.1E-02 | 1 | 8.8E-06 | 1 | 2.8E-03 | 1 | 1.1E-01 | 1 | 8.7E+03 | 1 | 4.2E+02 | 1 | 6.4E+02 | 1 | 1.0E+04 | J&E | 2.8E-03 | J&E | 1.1E-01 | J&E | 5.5E-03 | J&E | 4.5E+02 | 1 | 3.1E+02 | 1 | 6.4E+00 | 1 | 8.7E+02 | |
| tert-Butyl alcohol | 8.9E-02 | 2 | 9.9E-06 | 2 | 9.1E-06 | 2 | 3.7E-04 | 2 | 1.0E+05 | 1 | 3.6E+02 | 3 | 5.5E+02 | 1 | 1.1E+05 | J&E | 9.1E-06 | J&E | 3.7E-04 | J&E | 7.2E-03 | J&E | 2.1E+00 | 2 | 1.0E+06 | 2 | 4.1E+01 | 2 | 1.1E+05 | |
| tert-Butylbenzene | 5.3E-02 | 1 | 7.4E-06 | 1 | 1.3E-02 | 1 | 5.4E-01 | 1 | 1.1E+04 | 1 | 4.4E+02 | 1 | 6.6E+02 | 1 | 1.4E+04 | J&E | 1.3E-02 | J&E | 5.4E-01 | J&E | 4.1E-03 | J&E | 1.0E+03 | 1 | 3.0E+01 | 1 | 2.2E+00 | 1 | 1.8E+02 | |
| Tetrachloroethene (PCE) | 5.0E-02 | 1 | 9.5E-06 | 1 | 1.8E-02 | 1 | 7.2E-01 | 1 | 8.3E+03 | 1 | 3.9E+02 | 1 | 6.2E+02 | 1 | 9.4E+03 | J&E | 1.8E-02 | J&E | 7.2E-01 | J&E | 3.9E-03 | J&E | 9.5E+01 | 1 | 2.1E+02 | 1 | 1.9E+01 | 1 | 1.7E+02 | |
| Toluene | 7.8E-02 | 1 | 9.2E-06 | 1 | 6.6E-03 | 1 | 2.7E-01 | 1 | 7.9E+03 | 1 | 3.8E+02 | 1 | 5.9E+02 | 1 | 9.0E+03 | J&E | 6.6E-03 | J&E | 2.7E-01 | J&E | 6.1E-03 | J&E | 2.3E+02 | 1 | 5.3E+02 | 1 | 2.8E+01 | 1 | 8.2E+02 | |
| trans-1,2-Dichloroethene | 8.8E-02 | 1 | 1.1E-05 | 1 | 9.4E-03 | 1 | 3.8E-01 | 1 | 6.7E+03 | 1 | 3.3E+02 | 1 | 5.2E+02 | 1 | 7.1E+03 | J&E | 9.4E-03 | J&E | 3.8E-01 | J&E | 6.8E-03 | J&E | 4.0E+01 | 1 | 4.5E+03 | 1 | 3.3E+02 | 1 | 1.8E+03 | |
| Trichloroethene | 6.9E-02 | 1 | 1.0E-05 | 1 | 9.9E-03 | 1 | 4.0E-01 | 1 | 7.5E+03 | 1 | 3.6E+02 | 1 | 5.4E+02 | 1 | 8.4E+03 | J&E | 9.9E-03 | J&E | 4.0E-01 | J&E | 5.4E-03 | J&E | 6.1E+01 | 1 | 1.3E+03 | 1 | 6.9E+01 | 1 | 6.9E+02 | |
| Trichlorofluoromethane (Freon 11) | 6.5E-02 | 1 | 1.0E-05 | 1 | 9.7E-02 | 1 | 4.0E+00 | 1 | 6.0E+03 | 1 | 3.0E+02 | 1 | 4.7E+02 | 1 | 6.0E+03 | J&E | 9.7E-02 | J&E | 4.0E+00 | J&E | 5.1E-03 | J&E | 4.4E+01 | 1 | 1.1E+03 | 1 | 8.0E+02 | 1 | 1.2E+03 | |
| Vinyl chloride | 1.1E-01 | 1 | 1.2E-05 | 1 | 2.8E-02 | 1 | 1.1E+00 | 1 | 5.3E+03 | 1 | 2.6E+02 | 1 | 4.3E+02 | 1 | 4.8E+03 | J&E | 2.8E-02 | J&E | 1.1E+00 | J&E | 8.4E-03 | J&E | 2.2E+01 | 1 | 8.8E+03 | 1 | 3.0E+03 | 1 | 3.9E+03 | |
| Xylenes | 6.9E-02 | 1 | 8.5E-06 | 1 | 6.6E-03 | 1 | 2.7E-01 | 1 | 8.5E+03 | 1 | 4.1E+02 | 1 | 6.2E+02 | 1 | 1.0E+04 | J&E | 6.6E-03 | J&E | 2.7E-01 | J&E | 5.3E-03 | J&E | 3.8E+02 | 1 | 1.1E+02 | 1 | 8.0E+00 | 1 | 2.6E+02 | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-Methylnaphthalene | 5.3E-02 | 1 | 7.8E-06 | 1 | 5.1E-04 | 1 | 2.1E-02 | 1 | 1.4E+04 | 1 | 5.2E+02 | 1 | 7.7E+02 | 1 | 1.7E+04 | J&E | 5.1E-04 | J&E | 2.1E-02 | J&E | 4.1E-03 | J&E | 2.5E+03 | 1 | 2.6E+01 | 1 | 6.7E-02 | 1 | 3.9E+02 | |
| 2-Methylnaphthalene | 5.2E-02 | 1 | 7.8E-06 | 1 | 5.2E-04 | 1 | 2.1E-02 | 1 | 1.3E+04 | 1 | 5.1E+02 | 1 | 7.6E+02 | 1 | 1.6E+04 | J&E | 5.2E-04 | J&E | 2.1E-02 | J&E | 4.1E-03 | J&E | 2.5E+03 | 1 | 2.5E+01 | 1 | 5.5E-02 | 1 | 3.7E+02 | |
| Acenaphthene | 5.1E-02 | 1 | 8.3E-06 | 1 | 1.8E-04 | 1 | 7.5E-03 | 1 | 1.2E+04 | 1 | 5.5E+02 | 1 | 8.0E+02 | 1 | 1.6E+04 | J&E | 1.8E-04 | J&E | 7.5E-03 | J&E | 4.0E-03 | J&E | 5.0E+03 | 1 | 3.9E+00 | 1 | 2.2E-03 | 1 | 1.2E+02 | |

**TABLE 4**
**CHEMICAL PROPERTIES FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL AND SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| | Diffusivity in air, $D_a$ | | Diffusivity in water, $D_w$ | | Henry's Law Constant at Reference Temperature (25° C), H | | Dimensionless Henry's Law Constant at Reference Temperature (25° C), H' | | Enthalpy of Vaporization at the Normal Boiling Point, $DH_{v,b}$ | | Normal Boiling Point, $T_B$ | | Critical Temperature, $T_C$ | | Enthalpy of Vaporization at Average Soil Temperature, $DH_{v,TS}$ | | Henry's Law Constant at Average Soil Temperature, $H_{TS}$ | | Dimensionless Henry's Law Constant at Average Soil Temperature, $H'_{TS}$ | | Vadose Zone Effective Diffusion Coefficient, $D_{effV}$ | | Organic Carbon Partition Coefficient, $K_{oc}$ | | Pure Component Water Solubility, S | | Vapor Pressure, VP | | Soil Saturation Concentration, $C_{sat}$ , calculated [a] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anthracene | 3.9E-02 | 1 | 7.9E-06 | 1 | 5.6E-05 | 1 | 2.3E-03 | 1 | 1.3E+04 | 1 | 6.1E+02 | 1 | 8.7E+02 | 1 | 1.8E+04 | J&E | 5.6E-05 | J&E | 2.3E-03 | J&E | 3.1E-03 | J&E | 1.6E+04 | 1 | 4.3E-02 | 1 | 6.5E-06 | 1 | 4.3E+00 |
| Benzo(a)anthracene | 2.6E-02 | 1 | 6.7E-06 | 1 | 1.2E-05 | 1 | 4.9E-04 | 1 | 1.6E+04 | 1 | 7.1E+02 | 1 | 1.1E+03 | 1 | 2.1E+04 | J&E | 1.2E-05 | J&E | 4.9E-04 | J&E | 2.2E-03 | J&E | 1.8E+05 | 1 | 9.4E-03 | 1 | 2.1E-07 | 1 | 1.0E+01 |
| Benzo(a)pyrene | 2.5E-02 | 2 | 6.6E-06 | 2 | 4.6E-07 | 2 | 1.9E-05 | 2 | NA | | NA | | NA | | NA | | 4.6E-07 | J&E | 1.9E-05 | J&E | 5.4E-03 | J&E | 5.9E+05 | 2 | 1.6E-03 | 2 | 5.5E-09 | 2 | 5.7E+00 |
| Benzo(b)fluoranthene | 2.5E-02 | 2 | 6.4E-06 | 2 | 6.6E-07 | 2 | 2.7E-05 | 2 | NA | | NA | | NA | | NA | | 6.6E-07 | J&E | 2.7E-05 | J&E | 4.3E-03 | J&E | 6.0E+05 | 2 | 1.5E-03 | 2 | 5.0E-07 | 2 | 5.4E+00 |
| Benzo(g,h,i)perylene | 5.0E-02 | 3 | NA | | 3.3E-07 | 3 | 1.4E-05 | 3 | NA | | NA | | NA | | NA | | 3.3E-07 | J&E | 1.4E-05 | J&E | 3.9E-03 | J&E | 1.9E+06 | 3 | 2.6E-04 | 3 | 2.4E-10 | 3 | 3.0E+00 |
| Benzo(k)fluoranthene | 2.5E-02 | 2 | 6.4E-06 | 2 | 5.8E-07 | 2 | 2.4E-05 | 2 | NA | | 7.5E+02 | 3 | NA | | NA | | 5.8E-07 | J&E | 2.4E-05 | J&E | 4.6E-03 | J&E | 5.9E+05 | 2 | 8.0E-04 | 2 | 9.7E-10 | 2 | 2.8E+00 |
| Chrysene | 2.6E-02 | 2 | 6.7E-06 | 2 | 5.2E-06 | 2 | 2.1E-04 | 2 | NA | | NA | | NA | | NA | | 5.2E-06 | J&E | 2.1E-04 | J&E | 2.3E-03 | J&E | 1.8E+05 | 2 | 2.0E-03 | 2 | 6.2E-09 | 2 | 2.2E+00 |
| Dibenz(a,h)anthracene | 2.4E-02 | 2 | 6.0E-06 | 2 | 1.4E-07 | 2 | 5.8E-06 | 2 | NA | | 8.0E+02 | 3 | NA | | NA | | 1.4E-07 | J&E | 5.8E-06 | J&E | 1.2E-02 | J&E | 1.9E+06 | 2 | 2.5E-03 | 2 | 9.6E-10 | 2 | 2.9E+01 |
| Fluoranthene | 2.8E-02 | 2 | 7.2E-06 | 2 | 8.9E-06 | 2 | 3.6E-04 | 2 | NA | | 6.6E+02 | 3 | NA | | NA | | 8.9E-06 | J&E | 3.6E-04 | J&E | 2.3E-03 | J&E | 5.5E+04 | 2 | 2.6E-01 | 2 | 9.2E-06 | 2 | 8.7E+01 |
| Fluorene | 4.4E-02 | 1 | 7.9E-06 | 1 | 9.6E-05 | 1 | 3.9E-03 | 1 | 1.3E+04 | 1 | 5.7E+02 | 1 | 8.7E+02 | 1 | 1.6E+04 | J&E | 9.6E-05 | J&E | 3.9E-03 | J&E | 3.4E-03 | J&E | 9.2E+03 | 1 | 1.7E+00 | 1 | 6.0E-04 | 1 | 9.3E+01 |
| Indeno(1,2,3-cd)pyrene | 2.5E-02 | 2 | 6.4E-06 | 2 | 3.5E-07 | 2 | 1.4E-05 | 2 | NA | | 8.1E+02 | 3 | NA | | NA | | 3.5E-07 | J&E | 1.4E-05 | J&E | 6.3E-03 | J&E | 2.0E+06 | 2 | 1.9E-04 | 2 | 1.3E-10 | 2 | 2.2E+00 |
| Phenanthrene | 6.0E-02 | 3 | NA | | 4.2E-05 | 3 | 1.7E-03 | 3 | NA | | 6.1E+02 | 3 | NA | | NA | | 4.2E-05 | J&E | 1.7E-03 | J&E | 4.7E-03 | J&E | 1.2E+04 | 3 | 1.2E+00 | 3 | 1.1E-04 | 3 | 8.4E+01 |
| Pyrene | 2.8E-02 | 1 | 7.2E-06 | 1 | 1.2E-05 | 1 | 4.9E-04 | 1 | 1.4E+04 | 1 | 6.8E+02 | 1 | 9.4E+02 | 1 | 2.1E+04 | J&E | 1.2E-05 | J&E | 4.9E-04 | J&E | 2.3E-03 | J&E | 5.4E+04 | 1 | 1.4E-01 | 1 | 4.5E-06 | 1 | 4.4E+01 |
| **Total Petroleum Hydrocarbons** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TPH-diesel | 6.0E-02 | 5 | 8.4E-06 | 5 | 1.8E+00 | 5 | 7.3E+01 | 5 | NA | | NA | | NA | | NA | | 1.8E+00 | J&E | 7.3E+01 | J&E | 4.7E-03 | J&E | 1.5E+03 | 5 | 5.0E+00 | 5 | 5.0E-01 | 5 | 1.1E+02 |
| TPH-gasoline | 7.3E-02 | 5 | 8.2E-06 | 5 | 1.8E+00 | 5 | 7.3E+01 | 5 | NA | | NA | | NA | | NA | | 1.8E+00 | J&E | 7.3E+01 | J&E | 5.7E-03 | J&E | 1.3E+02 | 5 | 2.4E+02 | 5 | 3.0E+02 | 5 | 3.5E+03 |
| TPH-motor oil | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| **Metals** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Antimony | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Arsenic | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Barium | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Cadmium | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Chromium (total) | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Chromium VI | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | 2 | NA | | NA | |
| Cobalt | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Copper | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Lead | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Mercury (inorganic) | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Molybdenum | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Nickel | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Silver | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Zinc | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aroclor-1242 (PCB-1242) | 2.4E-02 | 1 | 6.1E-06 | 1 | 3.4E-04 | 1 | 1.4E-02 | 1 | NA | | 6.0E+02 | 1 | 9.0E+02 | 1 | NA | | 3.4E-04 | J&E | 1.4E-02 | J&E | 1.9E-03 | J&E | 7.8E+04 | 1 | 2.8E-01 | 1 | 8.6E-05 | 1 | 1.3E+02 |
| Aroclor-1248 (PCB-1248) | 1.6E-02 | 1 | 3.9E-06 | 1 | 4.4E-04 | 1 | 1.8E-02 | 1 | NA | | 6.1E+02 | 1 | 9.2E+02 | 1 | NA | | 4.4E-04 | J&E | 1.8E-02 | J&E | 1.3E-03 | J&E | 7.7E+04 | 1 | 1.0E-01 | 1 | 4.9E-04 | 1 | 4.6E+01 |
| Aroclor-1254 (PCB-1254) | 2.4E-02 | 1 | 6.1E-06 | 1 | 2.8E-04 | 1 | 1.2E-02 | 1 | NA | | 6.4E+02 | 1 | 9.6E+02 | 1 | NA | | 2.8E-04 | J&E | 1.2E-02 | J&E | 1.9E-03 | J&E | 1.3E+05 | 1 | 4.3E-02 | 1 | 7.7E-05 | 1 | 3.4E+01 |
| Aroclor-1260 (PCB-1260) | 2.2E-02 | 1 | 5.6E-06 | 1 | 3.4E-04 | 1 | 1.4E-02 | 1 | NA | | 6.6E+02 | 1 | 9.9E+02 | 1 | NA | | 3.4E-04 | J&E | 1.4E-02 | J&E | 1.7E-03 | J&E | 3.5E+05 | 1 | 1.4E-02 | 1 | 4.1E-05 | 1 | 3.0E+01 |
| Aroclor-1262 (PCB-1262) | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |
| Aroclor-1268 (PCB-1268) | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | | NA | |

**TABLE 4**
**CHEMICAL PROPERTIES FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL AND SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Abbreviations:**
J&E = Johnson and Ettinger Model (Source 1; USEPA, 2017)
NA = Not applicable

**Notes:**
[a] Csat = the contaminant concentration in soil at which the absorptive limits of the soil particles, the solubility limits of the soil pore water, and saturation of soil pore air have been reached (USEPA, 2018). The equation used to calculate Csat is:
Csat = S / ρb × (Kd × ρb + θw + H' × θa), where:
S = solubility in water;
ρb = dry bulk density (1.66 g/cm3, default value; USEPA, 2017);
Kd = soil-water partition coefficient (Koc × foc, where foc = 0.006 g/g [default value; USEPA, 2017]);
θw = water-filled soil porosity (0.054 cm3/cm3, default value; USEPA, 2017);
H' = dimensionless Henry's Law constant; and
θa = air-filled soil porosity (0.321 cm3/cm3, default value; USEPA, 2017).

[b] Benzo(a)pyrene values used as surrogate.

**Sources:**
1. United States Environmental Protection Agency (USEPA). 2017. Johnson and Ettinger Model Spreadsheet Tool, Version 6.0. September.
2. USEPA. 2023. USEPA Regional Screening Levels (RSLs). May. Available at: https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables.
3. SRC PhysProp Database. 2002. Found at http://esc.syrres.com/fatepointer/search.asp and methods from Schwarzenback R. P. et al. 1993. Environmental Organic Chemistry. John Wiley and Sons, Inc., New York, NY.
4. USEPA. 2006. Water9, Version 3. 29 June. Available at: http://www.epa.gov/ttn/chief/software/water/water9_3.
5. California Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB). 2019. Environmental Screening Levels. Table IP-1. Physical-Chemical Values. January. Available at: http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.shtml.

**References:**
United States Environmental Protection Agency (USEPA). 2017. Documentation for EPA's Implementation of the Johnson and Ettinger Model to Evaluated Site Specific Vapor Intrusion into Buildings. Version 6.0. Washington, DC. September.
United States Environmental Protection Agency (USEPA). 2023. Regional Screening Levels (RSLs) - User's Guide. November. Available at: https://www.epa.gov/risk/regional-screening-levels-rsls-users-guide

**TABLE 5**
**EXPOSURE PARAMETERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Exposure Parameter | Symbol | Receptors | | Units |
|---|---|---|---|---|
| | | Hypothetical Future on-Site Receptors | | |
| | | On-Site Non-Intrusive Workers | On-Site Construction Worker | |
| **Inhalation of Soil Particulates** | | | | |
| Particulate Emission Factor [a] | PEF | 1.4E+09 | 1.0E+06 | $m^3/kg$ |
| **Dermal Contact with Soil** | | | | |
| Surface Area [b] | SA | 6032 | 6032 | $cm^2/day$ |
| Adherence Factor [c] | AF | 0.2 | 0.8 | $mg/cm^2$ |
| Absorption Factor-PAHs/PCBs [d] | ABS-PAH | 0.15 | 0.15 | unitless |
| Absorption Factor-Metals [d] | ABS-Met | 0.01 | 0.01 | unitless |
| Absorption Factor-Arsenic [d] | ABS-As | 0.03 | 0.03 | unitless |
| Absorption Factor-Cadmium [d] | ABS-Cd | 0.001 | 0.001 | unitless |
| Absorption Factor-Chromium VI [d] | ABS-CrVI | NA | NA | unitless |
| Absorption Factor-Mercury [d] | ABS-Hg | 0.01 | 0.01 | unitless |
| Absorption Factor-Organics [d] | ABS-Org | 0.1 | 0.1 | unitless |
| Conversion Factor | CF | 1.0E-06 | 1.0E-06 | kg/mg |
| **Ingestion of Soil** | | | | |
| Ingestion Rate [e] | IR | 100 | 330 | mg/day |
| Conversion Factor | CF | 1.0E-06 | 1.0E-06 | kg/mg |
| **Population-Specific Intake Parameters** | | | | |
| Exposure Time [f] | ET | 8 | 8 | hrs/day |
| Exposure Frequency [g] | EF | 250 | 250 | days/yr |
| Exposure Duration [h] | ED | 25 | 1 | yrs |
| Body Weight [i] | BW | 80 | 80 | kg |
| Averaging Time-Carcinogens [j] | ATc | 25550 | 25550 | days |
| Averaging Time-Noncarcinogens [j] | ATnc | 9125 | 365 | days |

**TABLE 5**
**EXPOSURE PARAMETERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Abbreviations:**

cm2/day = Centimeters squared per day
days/yr = Days per year
hrs/day = Hours per day
kg/mg = Kilograms per milligram
$m^3$/kg = Meters cubed per kilogram
mg/$cm^2$ = Milligrams per centimeters squared
mg/day = Milligrams per day
NA = Not applicable; parameter not applicable to evaluated receptor
ROW = Rights-of-way

**Notes:**

[a] . The particulate emission factors (PEF) for the on-Site non-intrusive and on-Site construction workers are recommended by the Department of Toxic Substances Control (DTSC) for industrial scenario and for receptors involved in soil excavation or other intrusive activities (DTSC, 2019), respectively.

[b] The area of exposed skin recommended by DTSC (2019) for industrial worker and construction worker populations.

[c] Soil adherence factors recommended by DTSC (2019) for industrial worker and construction worker populations.

[d] Dermal absorption factors for specific compound classes from DTSC (2015).

[e] DTSC default incidental soil ingestion rate for industrial workers (DTSC, 2019) used for on-Site non-intrusive workers. DTSC default incidental soil ingestion rate for construction workers (DTSC, 2019) used for on-Site construction workers.

[f] Exposure time for on-Site non-intrusive workers and construction workers corresponds to the DTSC default value for worker populations (8 hours per day; DTSC, 2019).

[g] Exposure frequency for on-Site non-intrusive workers and on-Site construction workers corresponds to the DTSC default values for industrial worker and construction worker populations, respectively (DTSC, 2019).

[h] Exposure duration of 25 years for on-Site non-intrusive workers is the DTSC default value for industrial worker populations (DTSC, 2019), which represents an upper-bound estimate of the total amount of time an individual may work in one location. Exposure duration of 1 year for on-Site construction workers is DTSC default value for construction worker populations (DTSC, 2019).

[i] Body weight values correspond to DTSC default values for adult receptors (DTSC, 2019).

[j] Averaging times correspond to DTSC default values (70 year lifetime × 365 days/year for carcinogens; exposure duration × 365 days/year for noncarcinogens; DTSC, 2019).

**References:**

Department of Toxic Substances Control (DTSC). 2015. Preliminary Endangerment Assessment Guidance Manual. October.

DTSC. 2019. Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Hazardous Waste Sites and Permitted Facilities. Human Health Risk Assessment (HHRA) Note Number: 1. Office of Human and Ecological Risk (HERO). 9 April.

USEPA. 1991. Risk Assessment Guidance for Superfund. Volume I: Human Health Evaluation Manual. Supplemental Guidance. Standard Default Exposure Factors. Office of Emergency and Remedial Response. 25 March.

United States Environmental Protection Agency (USEPA). 2002. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Office of Solid Waste and Emergency Response. Washington, DC. December.

USEPA. 2004. Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment). Final. OSWER Directive 9285.7-02EP. EPA-540/R/99/-005. July.

SFRWQCB. 2019. Environmental Screening Levels. Interim Final (Rev. 3). January. Available at: http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.shtml.

**TABLE 6**
**EQUATIONS USED TO CALCULATE EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES: WORKER SCENARIOS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Exposure Concentration: Vapor Inhalation**

*Noncancer*

$$EC_{inhv,\ worker,\ nc} = \frac{C_a \times ET \times (1/TCF) \times EF \times ED_{worker}}{AT_{nc,\ worker}}$$

*Cancer*

$$EC_{inhv,\ worker,\ c} = \frac{C_a \times ET \times (1/TCF) \times EF \times ED_{worker}}{AT_c}$$

where Ca = Cs x 1/VF for soil to outdoor air pathway

where Ca = Csg x α for soil gas to indoor air pathway

**Exposure Concentration: Soil Particulate Inhalation**

*Noncancer*

$$EC_{inhp,\ worker,\ nc} = \frac{C_s \times (1/PEF) \times ET \times 1/(TCF) \times EF \times ED_{worker}}{AT_{nc,\ worker}}$$

*Cancer*

$$EC_{inhp,\ worker,\ c} = \frac{C_s \times (1/PEF) \times ET \times (1/TCF) \times EF \times ED_{worker}}{ATc}$$

**Chronic Daily Intake: Dermal Contact**

*Noncancer*

$$CDI_{derm,\ worker,\ nc} = \frac{C_s \times SA_{worker} \times AF_{worker} \times ABS \times EF \times ED_{worker} \times CF}{BW_{worker} \times AT_{nc,\ worker}}$$

*Cancer*

$$CDI_{derm,\ worker,\ c} = \frac{C_s \times SA_{worker} \times AF_{worker} \times ABS \times EF \times ED_{worker} \times CF}{BW_{worker} \times AT_c}$$

**Chronic Daily Intake: Soil Ingestion**

*Noncancer*

$$CDI_{ing,\ worker,\ nc} = \frac{C_s \times IR_{s,worker} \times CF \times EF \times ED_{worker}}{BW_{worker} \times AT_{nc,\ worker}}$$

*Cancer*

$$CDI_{ing,\ worker,\ c} = \frac{C_s \times IR_{s,worker} \times CF \times EF \times ED_{worker}}{BW_{worker} \times AT_c}$$

**TABLE 6**
**EQUATIONS USED TO CALCULATE EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES: WORKER SCENARIOS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Abbreviations:**

ABS = Absorption Factor [unitless]
α = Soil Gas-to-Indoor Air Attenuation Factor [unitless]
AF = Soil to Skin Adherence Factor [$mg/cm^2$]
ATc = Averaging Time for Carcinogenic Compounds [days]
ATnc = Averaging Time for Noncarcinogenic Compounds [days]
BW = Body Weight [kg]
Ca = Concentration of Chemical in Air [$mg/m^3$]
Cs = Concentration of Chemical in Soil [mg/kg]
Csg = Concentration of Chemical in Soil Gas [$mg/m^3$]
CDIderm = Chronic Daily Intake: Dermal Contact [$mg_{chemical}$/kg \body weight-day]
CDIing = Chronic Daily Intake: Ingestion [$mg_{chemical}$/kg body weight-day]
CF = Conversion Factor [kg/mg]
ECinhp = Exposure Concentration: Soil Particulate Inhalation [$mg_{chemical}/m^3_{air}$]
ECinhv = Exposure Concentration: Vapor Inhalation [$mg_{chemical}/m^3_{air}$]
ED = Exposure Duration [years]
EF = Exposure Frequency [days/year]
ET = Exposure Time [hours/day]
IRs = Soil Ingestion Rate [mg/day]
PEF = Soil-to-Air Particulate Emission Factor [$m^3$/kg ]
SA = Surface Area of Exposed Skin [$cm^2$/day]
TCF = Time Conversion Factor [hours/day]
VF = Soil-to-Air Volatilization Factor [$m^3$/kg ]
worker = on-site non-intrusive worker or construction worker

**TABLE 7**

**CARCINOGENIC AND NONCARCINOGENIC TOXICITY VALUES FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL AND SOIL VAPOR**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

| | Unit Risk Factor, URF $(mg/m^3)^{-1}$ | | Cancer Slope Factor, CSF $(mg/kg\text{-}day)^{-1}$ | | Chronic Reference Concentration, RfC $(mg/m^3)$ | | Chronic Reference Dose, RfD (mg/kg-day) | |
|---|---|---|---|---|---|---|---|---|
| **Chemical** | **Value** | **Source** | **Value** | **Source** | **Value** | **Source** | **Value** | **Source** |
| **Volatile Organic Compounds** | | | | | | | | |
| 1,1,1-Trichloroethane | NC | NC | NC | NC | 1 | OEHHA | 2 | IRIS |
| 1,1,2,2-Tetrachloroethane | 0.058 | OEHHA | 0.2 | IRIS | 0.08 | Route | 0.02 | IRIS |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | NC | NC | NC | NC | 5 | PPRTV | 30 | IRIS |
| 1,1-Dichloroethane (1,1-DCA) | 0.0016 | OEHHA | 0.0057 | OEHHA | 0.8 | Route | 0.2 | PPRTV |
| 1,1-Dichloroethene (1,1-DCE) | NC | NC | NC | NC | 0.07 | OEHHA | 0.05 | IRIS |
| 1,2,3-Trichlorobenzene | NC | NC | NC | NC | 0.0032 | Route | 0.0008 | PPRTV |
| 1,2,4-Trichlorobenzene | 0.00725 | Route | 0.029 | PPRTV | 0.002 | PPRTV | 0.01 | IRIS |
| 1,2,4-Trimethylbenzene | NC | NC | NC | NC | 0.06 | IRIS | 0.01 | IRIS |
| 1,2-Dichlorobenzene | NC | NC | NC | NC | 0.2 | HEAST | 0.09 | IRIS |
| 1,2-Dichloroethane | 0.026 | IRIS | 0.091 | IRIS | 0.007 | PPRTV | 0.006 | PPRTV |
| 1,2-Dichloropropane | 0.01 | OEHHA | 0.037 | PPRTV | 0.004 | IRIS | 0.04 | PPRTV |
| 1,3,5-Trimethylbenzene | NC | NC | NC | NC | 0.06 | IRIS | 0.01 | IRIS |
| 1,3-Dichlorobenzene | NC | NC | NC | NC | 0.12 | Route | 0.03 | NCEA |
| 1,4-Dichlorobenzene | 0.011 | OEHHA | 0.0054 | OEHHA | 0.8 | IRIS | 0.07 | ATSDR |
| 1,4-Dioxane | 0.005 | IRIS | 0.1 | IRIS | 0.03 | IRIS | 0.03 | IRIS |
| 2-Butanone (Methyl Ethyl Ketone) | NC | NC | NC | NC | 5 | IRIS | 0.6 | IRIS |
| 2-Propanol | NC | NC | NC | NC | 0.2 | PPRTV | 2 | PPRTV |
| 4-Ethyltoluene | NC | NC | NC | NC | 0.1 | Surrogate | 0.2 | Surrogate |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | NC | NC | NC | NC | 3 | IRIS | 0.08 | HEAST |
| Acetone | NC | NC | NC | NC | 3.6 | Route | 0.9 | IRIS |
| Benzene | 0.029 | OEHHA | 0.1 | OEHHA | 0.003 | OEHHA | 0.004 | IRIS |
| Bromodichloromethane | 0.037 | OEHHA | 0.062 | IRIS | 0.08 | Route | 0.02 | IRIS |
| Carbon disulfide | NC | NC | NC | NC | 0.7 | IRIS | 0.1 | IRIS |
| Chlorobenzene | NC | NC | NC | NC | 0.05 | PPRTV | 0.02 | IRIS |
| Chloroethane (Ethyl Chloride) | NC | NC | NC | NC | 10 | IRIS | 7.5 | Route |
| Chloroform (Trichloromethane) | 0.023 | IRIS | 0.031 | OEHHA | 0.098 | ATSDR | 0.01 | IRIS |
| Chloromethane (Methyl Chloride) | NC | NC | NC | NC | 0.09 | IRIS | 0.0225 | Route |
| cis-1,2-Dichloroethene | NC | NC | NC | NC | 0.008 | Route | 0.002 | IRIS |
| Isopropylbenzene (Cumene) | NC | NC | NC | NC | 0.4 | IRIS | 0.1 | IRIS |
| p-Isopropyltoluene (Cymene) | NC | NC | NC | NC | 0.4 | Surrogate | 0.1 | Surrogate |
| Dichlorodifluoromethane (Freon 12) | NC | NC | NC | NC | 0.1 | PPRTV | 0.2 | IRIS |
| Di-isopropyl ether (DIPE) | NC | NC | NC | NC | 0.7 | PPRTV | 0.175 | Route |
| Ethanol | NC | NC | NC | NC | 0.2 | Surrogate | 2 | Surrogate |
| Ethylbenzene | 0.0025 | OEHHA | 0.011 | OEHHA | 1 | IRIS | 0.1 | IRIS |

**TABLE 7**

**CARCINOGENIC AND NONCARCINOGENIC TOXICITY VALUES FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL AND SOIL VAPOR**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

| | Unit Risk Factor, URF $(mg/m^3)^{-1}$ | | Cancer Slope Factor, CSF $(mg/kg\text{-}day)^{-1}$ | | Chronic Reference Concentration, RfC $(mg/m^3)$ | | Chronic Reference Dose, RfD (mg/kg-day) | |
|---|---|---|---|---|---|---|---|---|
| **Chemical** | **Value** | **Source** | **Value** | **Source** | **Value** | **Source** | **Value** | **Source** |
| Bromomethane (Methyl Bromide) | NC | NC | NC | NC | 0.005 | IRIS | 0.0014 | IRIS |
| Methyl tertiary butyl ether (MTBE) | 0.00026 | OEHHA | 0.0018 | OEHHA | 3 | IRIS | 2 | Route |
| Methylene chloride | 0.001 | OEHHA | 0.002 | IRIS | 0.4 | OEHHA | 0.006 | IRIS |
| Naphthalene | 0.034 | OEHHA | 0.12 | OEHHA | 0.003 | IRIS | 0.02 | IRIS |
| n-Butylbenzene | NC | NC | NC | NC | 0.2 | Route | 0.05 | PPRTV |
| n-Propylbenzene | NC | NC | NC | NC | 1 | PPRTV | 0.1 | PPRTV |
| sec-Butylbenzene | NC | NC | NC | NC | 0.4 | Route | 0.1 | PPRTV |
| Styrene | NC | NC | NC | NC | 0.9 | OEHHA | 0.2 | IRIS |
| tert-Butyl alcohol | NC | NC | 0.0005 | IRIS | 5 | IRIS | 0.4 | IRIS |
| tert-Butylbenzene | NC | NC | NC | NC | 0.4 | Route | 0.1 | PPRTV |
| Tetrachloroethene (PCE) | 0.0061 | OEHHA | 0.54 | OEHHA PHG | 0.04 | IRIS | 0.006 | IRIS |
| Toluene | NC | NC | NC | NC | 0.42 | OEHHA | 0.08 | IRIS |
| trans-1,2-Dichloroethene | NC | NC | NC | NC | 0.08 | Route | 0.02 | IRIS |
| Trichloroethene | 0.0041 | IRIS | 0.046 | IRIS | 0.002 | IRIS | 0.0005 | IRIS |
| Trichlorofluoromethane (Freon 11) | NC | NC | NC | NC | 1.2 | Route | 0.3 | IRIS |
| Vinyl chloride | 0.078 | OEHHA | 0.72 | IRIS | 0.1 | IRIS | 0.003 | IRIS |
| Xylenes | NC | NC | NC | NC | 0.1 | IRIS | 0.2 | IRIS |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | | |
| 1-Methylnaphthalene | 0.00725 | Route | 0.029 | PPRTV | 0.28 | Route | 0.07 | ATSDR |
| 2-Methylnaphthalene | NC | NC | NC | NC | 0.016 | Route | 0.004 | IRIS |
| Acenaphthene | NC | NC | NC | NC | 0.24 | Route | 0.06 | IRIS |
| Anthracene | NC | NC | NC | NC | 1.2 | Route | 0.3 | IRIS |
| Benzo(a)anthracene | 0.11 | OEHHA | 0.1 | ECAO | 0.12 | Surrogate | 0.03 | Surrogate |
| Benzo(a)pyrene | 1.1 | OEHHA | 1 | IRIS | 0.000002 | IRIS | 0.0003 | IRIS |
| Benzo(b)fluoranthene | 0.11 | OEHHA | 0.1 | ECAO | 0.12 | Surrogate | 0.03 | Surrogate |
| Benzo(g,h,i)perylene | NC | NC | NC | NC | 0.12 | Surrogate | 0.03 | Surrogate |
| Benzo(k)fluoranthene | 0.11 | OEHHA | 0.01 | ECAO | 0.12 | Surrogate | 0.03 | Surrogate |
| Chrysene | 0.011 | OEHHA | 0.001 | ECAO | 0.12 | Surrogate | 0.03 | Surrogate |
| Dibenz(a,h)anthracene | 1.2 | OEHHA | 4.1 | OEHHA ECP | 0.000002 | Surrogate | 0.0003 | Surrogate |
| Fluoranthene | NC | NC | NC | NC | 0.16 | Route | 0.04 | IRIS |
| Fluorene | NC | NC | NC | NC | 0.16 | Route | 0.04 | IRIS |
| Indeno(1,2,3-cd)pyrene | 0.11 | OEHHA | 0.1 | ECAO | 0.12 | Surrogate | 0.03 | Surrogate |
| Phenanthrene | NC | NC | NC | NC | 1.2 | Surrogate | 0.3 | Surrogate |
| Pyrene | NC | NC | NC | NC | 0.12 | Route | 0.03 | IRIS |

**TABLE 7**

**CARCINOGENIC AND NONCARCINOGENIC TOXICITY VALUES FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL AND SOIL VAPOR**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

| | Unit Risk Factor, URF $(mg/m^3)^{-1}$ | | Cancer Slope Factor, CSF $(mg/kg\text{-}day)^{-1}$ | | Chronic Reference Concentration, RfC $(mg/m^3)$ | | Chronic Reference Dose, RfD (mg/kg-day) | |
|---|---|---|---|---|---|---|---|---|
| **Chemical** | **Value** | **Source** | **Value** | **Source** | **Value** | **Source** | **Value** | **Source** |
| **Total Petroleum Hydrocarbons** | | | | | | | | |
| TPH-diesel | NC | NC | NC | NC | 0.26 | ESL | 0.019 | ESL |
| TPH-gasoline | NC | NC | NC | NC | 0.57 | ESL | 0.039 | ESL |
| TPH-motor oil | NC | NC | NC | NC | 0.6 | Route | 0.15 | ESL |
| **Metals** | | | | | | | | |
| Antimony | NC | NC | NC | NC | 0.0003 | ATSDR | 0.0004 | IRIS |
| Arsenic | 4.3 | IRIS | 9.5 | OEHHA PHG | 0.000015 | OEHHA | 0.0000035 | OEHHA |
| Barium | NC | NC | NC | NC | 0.0005 | HEAST | 0.2 | IRIS |
| Cadmium | 4.2 | OEHHA | NC | NC | 0.00001 | ATSDR | 0.001 | IRIS |
| Chromium (total) | NC | NC | NC | NC | 0.00006 | OEHHA | 1.5 | IRIS |
| Chromium VI | 150 | OEHHA | 0.5 | OEHHA PHG | 0.0001 | IRIS | 0.003 | IRIS |
| Cobalt | 9 | PPRTV | NC | NC | 0.000006 | PPRTV | 0.0003 | PPRTV |
| Copper | NC | NC | NC | NC | 0.16 | Route | 0.04 | HEAST [a] |
| Lead | na | na | na | na | na | na | na | na |
| Mercury (inorganic) | NC | NC | NC | NC | 0.00003 | OEHHA | 0.00016 | OEHHA |
| Molybdenum | NC | NC | NC | NC | 0.02 | Route | 0.005 | IRIS |
| Nickel | 0.26 | OEHHA | NC | NC | 0.000014 | OEHHA | 0.011 | OEHHA |
| Silver | NC | NC | NC | NC | 0.02 | Route | 0.005 | IRIS |
| Zinc | NC | NC | NC | NC | 1.2 | Route | 0.3 | IRIS |
| **Polychlorinated Biphenyls** | | | | | | | | |
| Aroclor-1242 (PCB-1242) | 0.57 | OEHHA | 2 | OEHHA | 0.00008 | Surrogate | 0.00002 | Surrogate |
| Aroclor-1248 (PCB-1248) | 0.57 | RSL User's Guide | 2 | RSL User's Guide | 0.00008 | Surrogate | 0.00002 | Surrogate |
| Aroclor-1254 (PCB-1254) | 0.57 | RSL User's Guide | 2 | RSL User's Guide | 0.00008 | Route | 0.00002 | IRIS |
| Aroclor-1260 (PCB-1260) | 0.57 | OEHHA | 2 | OEHHA | 0.00008 | Surrogate | 0.00002 | Surrogate |
| Aroclor-1262 (PCB-1262) | 0.57 | Surrogate | 2 | Surrogate | 0.00008 | Surrogate | 0.00002 | Surrogate |
| Aroclor-1268 (PCB-1268) | 0.57 | Surrogate | 2 | Surrogate | 0.00008 | Surrogate | 0.00002 | Surrogate |

**TABLE 7**

**CARCINOGENIC AND NONCARCINOGENIC TOXICITY VALUES FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL AND SOIL VAPOR**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Abbreviations**

ECP = Expedited Cancer Potency Factors

$(mg/m^3)^{-1}$ = Per milligrams per cubic meter

$(mg/kg\text{-}day)^{-1}$ = Per milligrams per kilogram per day

$mg/m^3$ = Milligrams per cubic meter

mg/kg-day = Milligrams per kilogram per day

na = Not applicable. Potential exposure to lead is evaluated using health-based screening levels derived using California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control's (DTSC) LeadSpread model or United States Environmental Protection Agency's (USEPA) Adult Lead Methodology (ALM). Please see Section 4.3 of the human health risk assessment (HHRA) for discussion.

NC = Not considered to be a carcinogen by either USEPA or Cal/EPA

**Notes:**

Surrogate = In the absence of available reference doses (RfDs) or reference concentrations (RfCs) for chemicals of potential concern, surrogate chemicals were chosen based on structural similarity to avoid underestimating potential noncarcinogenic hazards:

- Cymene was represented by cumene.
- Ethanol was represented by 2-propanol.
- Potential noncarcinogenic effects of the CPAHs, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were represented by pyrene.
- Benzo(g,h,i)perylene was represented by pyrene.
- Dibenz(a,h)anthracene was represented by benzo(a)pyrene.
- Phenanthrene was represented by anthracene.
-TPH (C9-C40) was represented by TPH-diesel.
- Aroclor-1242, Aroclor-1248, and Aroclor-1260 were represented by Aroclor-1254.

Route = Route-to-route extrapolation from RfDs or RfCs using the following equations:

RfC = RfD / (InhR / BW) or RfD = RfC / (BW / Inhr), where:

Adult daily inhalation rate (InhR) = 20 m3/day (Cal/EPA, 2014); and

Adult body weight (BW) = 80 kg (Cal/EPA, 2014).

[a] The RfD for copper is based on a drinking water standard of 1.3 mg/L.

**Sources:**

| | |
|---|---|
| ATSDR | Agency for Toxic Substances and Disease Registry (ATSDR). 2023. Minimal Risk Levels (MRLs) List . September. Available at: https://www.atsdr.cdc.gov/mrls/mrllist.asp. |
| ECAO | Environmental Criteria and Assessment Office (RSLs) |
| ESL | San Francisco Regional Water Quality Control Board (SFRWQCB). 2019. Environmental Screening Levels. Interim Final (Rev. 3). January. Available at: http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.shtml. |
| HEAST | United States Environmental Protection Agency (USEPA). 1997. Health Effects Assessment Summary Tables (HEAST) FY 1997 Update. Office of Solid Waste and Emergency Response. EPA 540-R-97- |
| HHRA Note 3 | DTSC. 2022. DTSC-modified Screening Levels (DTSC-SLs). Human Health Risk Assessment (HHRA) Note Number: 3. Human and Ecological Risk Office (HERO). May. |
| IRIS | USEPA. 2023. Integrated Risk Information System (IRIS). Available at: http://www.epa.gov/iris/. |
| OEHHA | Office of Environmental Health Hazard Assessment (OEHHA). 2023 Toxicity Criteria Database. Available at: http://www.oehha.ca.gov/chemicals. |
| PPRTV | National Center for Environmental Assessment/Superfund Health Risk Technical Support Center (NCEA/STSC). 2023. Provisional Peer Reviewed Toxicity Values (PPRTVs). Available at: https://www.epa.gov/pprtv. |
| RSL User's Guide | USEPA. 2023. Regional Screening Levels (RSLs) - User's Guide. November. Available at: https://www.epa.gov/risk/regional-screening-levels-rsls-users-guide. |

**TABLE 7**
**CARCINOGENIC AND NONCARCINOGENIC TOXICITY VALUES FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL AND SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**References:**


Department of Toxic Substances Control (DTSC). 2019. Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Hazardous Waste Sites and Permitted Facilities. Human Health Risk

DTSC. 2022. DTSC-modified Screening Levels (DTSC-SLs). Human Health Risk Assessment (HHRA) Note Number: 3. Human and Ecological Risk Office (HERO). May.

Office of Environmental Health Hazard Assessment (OEHHA). 2023 Toxicity Criteria Database. Available at: http://www.oehha.ca.gov/chemicals.

California Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB). 2019. Environmental Screening Levels. Interim Final (Rev. 3). January. Available at:
http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/esl.shtml.

United States Environmental Protection Agency (USEPA). 2023. Integrated Risk Information System (IRIS). Available at: http://www.epa.gov/iris/.

**TABLE 8A**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR CARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Vapor Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | NC | NC | NC | NC |
| 1,1,2,2-Tetrachloroethane | 7.2E-13 | 6.5E-08 | 4.4E-09 | 3.7E-09 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | NC | NC | NC | NC |
| 1,1-Dichloroethane (1,1-DCA) | 5.5E-14 | 3.59318E-08 | 3.4E-10 | 2.8E-10 |
| 1,1-Dichloroethene (1,1-DCE) | NC | NC | NC | NC |
| 1,2,3-Trichlorobenzene | NC | NC | NC | NC |
| 1,2,4-Trichlorobenzene | 6.9E-10 | 3.2E-05 | 4.3E-06 | 3.5E-06 |
| 1,2,4-Trimethylbenzene | NC | NC | NC | NC |
| 1,2-Dichlorobenzene | NC | NC | NC | NC |
| 1,2-Dichloroethane | 1.3E-12 | 3.8E-07 | 7.7E-09 | 6.4E-09 |
| 1,2-Dichloropropane | 9.0E-14 | 3.3E-08 | 5.5E-10 | 4.6E-10 |
| 1,3,5-Trimethylbenzene | NC | NC | NC | NC |
| 1,3-Dichlorobenzene | NC | NC | NC | NC |
| 1,4-Dichlorobenzene | 2.9E-10 | 3.8E-05 | 1.8E-06 | 1.5E-06 |
| 2-Butanone (Methyl Ethyl Ketone) | NC | NC | NC | NC |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | NC | NC | NC | NC |
| Acetone | NC | NC | NC | NC |
| Benzene | 3.8E-13 | 1.5E-07 | 2.4E-09 | 2.0E-09 |
| Carbon disulfide | NC | NC | NC | NC |
| Chlorobenzene | NC | NC | NC | NC |
| Chloroethane (Ethyl Chloride) | NC | NC | NC | NC |
| Chloromethane (Methyl Chloride) | NC | NC | NC | NC |
| cis-1,2-Dichloroethene | NC | NC | NC | NC |
| Isopropylbenzene (Cumene) | NC | NC | NC | NC |
| p-Isopropyltoluene (Cymene) | NC | NC | NC | NC |
| Ethanol | NC | NC | NC | NC |
| Ethylbenzene | 1.5E-10 | 3.7E-05 | 9.3E-07 | 7.7E-07 |
| Bromomethane (Methyl Bromide) | NC | NC | NC | NC |
| Methyl tertiary butyl ether (MTBE) | 5.0E-14 | 1.4E-08 | 3.0E-10 | 2.5E-10 |
| Methylene chloride | 1.3E-10 | 7.9E-05 | 7.7E-07 | 6.4E-07 |
| Naphthalene | 2.5E-11 | 7.3E-07 | 2.3E-07 | 1.3E-07 |
| n-Butylbenzene | NC | NC | NC | NC |
| n-Propylbenzene | NC | NC | NC | NC |
| sec-Butylbenzene | NC | NC | NC | NC |
| Styrene | NC | NC | NC | NC |
| tert-Butyl alcohol | NC | NC | 1.2E-08 | 1.0E-08 |
| tert-Butylbenzene | NC | NC | NC | NC |
| Tetrachloroethene (PCE) | 5.2E-12 | 3.0E-06 | 3.2E-08 | 2.7E-08 |
| Toluene | NC | NC | NC | NC |
| trans-1,2-Dichloroethene | NC | NC | NC | NC |
| Trichloroethene | 2.2E-12 | 1.4E-06 | 1.4E-08 | 1.1E-08 |
| Trichlorofluoromethane (Freon 11) | NC | NC | NC | NC |
| Vinyl chloride | 1.9E-13 | 2.7E-07 | 1.2E-09 | 9.7E-10 |
| Xylenes | NC | NC | NC | NC |

**TABLE 8A**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR CARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Vapor Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Polycyclic Aromatic Hydrocarbons** | | | | |
| 1-Methylnaphthalene | 6.6E-11 | 1.5E-06 | 6.1E-07 | 3.4E-07 |
| 2-Methylnaphthalene | NC | NC | NC | NC |
| Acenaphthene | NC | NC | NC | NC |
| Anthracene | NC | NC | NC | NC |
| Benzo(a)anthracene | 1.4E-11 | 4.4E-09 | 1.3E-07 | 7.3E-08 |
| Benzo(a)pyrene | 7.7E-12 | NV | 7.1E-08 | 3.9E-08 |
| Benzo(b)fluoranthene | 4.6E-11 | NV | 4.3E-07 | 2.4E-07 |
| Benzo(g,h,i)perylene | NC | NC | NC | NC |
| Benzo(k)fluoranthene | 1.7E-11 | NV | 1.5E-07 | 8.6E-08 |
| Chrysene | 3.7E-11 | NV | 3.4E-07 | 1.9E-07 |
| Dibenz(a,h)anthracene | 2.5E-11 | NV | 2.3E-07 | 1.3E-07 |
| Fluoranthene | NC | NC | NC | NC |
| Fluorene | NC | NC | NC | NC |
| Indeno(1,2,3-cd)pyrene | 3.2E-11 | NV | 3.0E-07 | 1.6E-07 |
| Phenanthrene | NC | NC | NC | NC |
| Pyrene | NC | NC | NC | NC |
| **Total Petroleum Hydrocarbons** | | | | |
| TPH-diesel | NC | NC | NC | NC |
| TPH-gasoline | NC | NC | NC | NC |
| TPH-motor oil | NC | NC | NC | NC |
| **Metals** | | | | |
| Antimony | NC | NC | NC | NC |
| Arsenic | 3.4E-10 | NV | 6.3E-07 | 1.7E-06 |
| Barium | NC | NC | NC | NC |
| Cadmium | 2.7E-11 | NV | NC | NC |
| Chromium (total) | NC | NC | NC | NC |
| Chromium VI | 4.4E-09 | NV | NA | 2.2E-05 |
| Cobalt | 5.5E-10 | NV | NC | NC |
| Copper | NC | NC | NC | NC |
| Lead | na | NV | na | na |
| Mercury (inorganic) | NC | NC | NC | NC |
| Molybdenum | NC | NC | NC | NC |
| Nickel | 1.0E-09 | NV | NC | NC |
| Silver | NC | NC | NC | NC |
| Zinc | NC | NC | NC | NC |

**TABLE 8A**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR CARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Vapor Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Polychlorinated Biphenyls** | | | | |
| Aroclor-1242 (PCB-1242) | 6.6E-10 | 1.5E-06 | 6.1E-06 | 3.4E-06 |
| Aroclor-1248 (PCB-1248) | 6.0E-11 | 1.3E-07 | 5.5E-07 | 3.1E-07 |
| Aroclor-1254 (PCB-1254) | 6.2E-11 | 1.0E-07 | 5.7E-07 | 3.1E-07 |
| Aroclor-1260 (PCB-1260) | 3.9E-11 | 4.1E-08 | 3.6E-07 | 2.0E-07 |
| Aroclor-1262 (PCB-1262) | 3.5E-11 | NV | 3.2E-07 | 1.8E-07 |
| Aroclor-1268 (PCB-1268) | 1.6E-11 | NV | 1.4E-07 | 8.0E-08 |

**Abbreviations:**
bgs = Below ground surface
CDI = Chronic daily intake
EC = Exposure concentration
$mg/m^3$ = Milligrams per cubic meter
mg/kg-day = Milligrams per kilogram per day
NA = Not applicable. No dermal absorption factor available for Chromium VI.
na = Not applicable. Potential exposure to lead is evaluated using the California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control (DTSC) health-based screening levels (DTSC-SLs) for commercial/industrial soil (for hypothetical future on-Site commercial/industrial workers). Please see Section 4.3 of the human health risk assessment for discussion.
NC = Not considered a carcinogen
NV = Not volatile

**TABLE 8B**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR CARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Vapor Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | NC | NC | NC | NC |
| 1,1,2,2-Tetrachloroethane | 3.9E-11 | 2.6E-09 | 7.1E-10 | 4.8E-10 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | NC | NC | NC | NC |
| 1,1-Dichloroethane (1,1-DCA) | 3.0E-12 | 1.4E-09 | 5.4E-11 | 3.7E-11 |
| 1,1-Dichloroethene (1,1-DCE) | NC | NC | NC | NC |
| 1,2,3-Trichlorobenzene | NC | NC | NC | NC |
| 1,2,4-Trichlorobenzene | 3.8E-08 | 1.2E-06 | 6.8E-07 | 4.7E-07 |
| 1,2,4-Trimethylbenzene | NC | NC | NC | NC |
| 1,2-Dichlorobenzene | NC | NC | NC | NC |
| 1,2-Dichloroethane | 6.8E-11 | 1.5E-08 | 1.2E-09 | 8.5E-10 |
| 1,2-Dichloropropane | 4.9E-12 | 1.3E-09 | 8.9E-11 | 6.1E-11 |
| 1,3,5-Trimethylbenzene | NC | NC | NC | NC |
| 1,3-Dichlorobenzene | NC | NC | NC | NC |
| 1,4-Dichlorobenzene | 1.6E-08 | 1.5E-06 | 2.9E-07 | 2.0E-07 |
| 2-Butanone (Methyl Ethyl Ketone) | NC | NC | NC | NC |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | NC | NC | NC | NC |
| Acetone | NC | NC | NC | NC |
| Benzene | 2.1E-11 | 5.8E-09 | 3.8E-10 | 2.6E-10 |
| Carbon disulfide | NC | NC | NC | NC |
| Chlorobenzene | NC | NC | NC | NC |
| Chloroethane (Ethyl Chloride) | NC | NC | NC | NC |
| Chloromethane (Methyl Chloride) | NC | NC | NC | NC |
| cis-1,2-Dichloroethene | NC | NC | NC | NC |
| Isopropylbenzene (Cumene) | NC | NC | NC | NC |
| p-Isopropyltoluene (Cymene) | NC | NC | NC | NC |
| Ethanol | NC | NC | NC | NC |
| Ethylbenzene | 8.2E-09 | 1.4E-06 | 1.5E-07 | 1.0E-07 |
| Bromomethane (Methyl Bromide) | NC | NC | NC | NC |
| Methyl tertiary butyl ether (MTBE) | 2.7E-12 | 5.4E-10 | 4.9E-11 | 3.3E-11 |
| Methylene chloride | 6.8E-09 | 3.1E-06 | 1.2E-07 | 8.5E-08 |
| Naphthalene | 1.3E-09 | 2.9E-08 | 3.6E-08 | 1.7E-08 |
| n-Butylbenzene | NC | NC | NC | NC |
| n-Propylbenzene | NC | NC | NC | NC |
| sec-Butylbenzene | NC | NC | NC | NC |
| Styrene | NC | NC | NC | NC |
| tert-Butyl alcohol | NC | NC | 1.9E-09 | 1.3E-09 |
| tert-Butylbenzene | NC | NC | NC | NC |
| Tetrachloroethene (PCE) | 2.8E-10 | 1.2E-07 | 5.1E-09 | 3.5E-09 |
| Toluene | NC | NC | NC | NC |
| trans-1,2-Dichloroethene | NC | NC | NC | NC |
| Trichloroethene | 1.2E-10 | 5.4E-08 | 2.2E-09 | 1.5E-09 |
| Trichlorofluoromethane (Freon 11) | NC | NC | NC | NC |
| Vinyl chloride | 1.0E-11 | 1.1E-08 | 1.9E-10 | 1.3E-10 |
| Xylenes | NC | NC | NC | NC |

**TABLE 8B**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR CARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Vapor Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Polycyclic Aromatic Hydrocarbons** | | | | |
| 1-Methylnaphthalene | 3.6E-09 | 6.0E-08 | 9.7E-08 | 4.4E-08 |
| 2-Methylnaphthalene | NC | NC | NC | NC |
| Acenaphthene | NC | NC | NC | NC |
| Anthracene | NC | NC | NC | NC |
| Benzo(a)anthracene | 7.8E-10 | 1.7E-10 | 2.1E-08 | 9.6E-09 |
| Benzo(a)pyrene | 4.2E-10 | NV | 1.1E-08 | 5.2E-09 |
| Benzo(b)fluoranthene | 2.5E-09 | NV | 6.8E-08 | 3.1E-08 |
| Benzo(g,h,i)perylene | NC | NC | NC | NC |
| Benzo(k)fluoranthene | 9.1E-10 | NV | 2.5E-08 | 1.1E-08 |
| Chrysene | 2.0E-09 | NV | 5.4E-08 | 2.5E-08 |
| Dibenz(a,h)anthracene | 1.3E-09 | NV | 3.6E-08 | 1.7E-08 |
| Fluoranthene | NC | NC | NC | NC |
| Fluorene | NC | NC | NC | NC |
| Indeno(1,2,3-cd)pyrene | 1.8E-09 | NV | 4.8E-08 | 2.2E-08 |
| Phenanthrene | NC | NC | NC | NC |
| Pyrene | NC | NC | NC | NC |
| **Total Petroleum Hydrocarbons** | | | | |
| TPH-diesel | NC | NC | NC | NC |
| TPH-gasoline | NC | NC | NC | NC |
| TPH-motor oil | NC | NC | NC | NC |
| **Metals** | | | | |
| Antimony | NC | NC | NC | NC |
| Arsenic | 1.9E-08 | NV | 1.0E-07 | 2.3E-07 |
| Barium | NC | NC | NC | NC |
| Cadmium | 1.5E-09 | NV | NC | NC |
| Chromium (total) | NC | NC | NC | NC |
| Chromium VI | 2.4E-07 | NV | NA | 2.9E-06 |
| Cobalt | 3.0E-08 | NV | NC | NC |
| Copper | NC | NC | NC | NC |
| Lead | na | NV | na | na |
| Mercury (inorganic) | NC | NC | NC | NC |
| Molybdenum | NC | NC | NC | NC |
| Nickel | 5.4E-08 | NV | NC | NC |
| Silver | NC | NC | NC | NC |
| Zinc | NC | NC | NC | NC |

**TABLE 8B**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR CARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Vapor Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Polychlorinated Biphenyls** | | | | |
| Aroclor-1242 (PCB-1242) | 3.6E-08 | 6.0E-08 | 9.7E-07 | 4.4E-07 |
| Aroclor-1248 (PCB-1248) | 3.3E-09 | 5.1E-09 | 8.8E-08 | 4.0E-08 |
| Aroclor-1254 (PCB-1254) | 3.4E-09 | 3.9E-09 | 9.1E-08 | 4.2E-08 |
| Aroclor-1260 (PCB-1260) | 2.1E-09 | 1.6E-09 | 5.8E-08 | 2.6E-08 |
| Aroclor-1262 (PCB-1262) | 1.9E-09 | NV | 5.1E-08 | 2.3E-08 |
| Aroclor-1268 (PCB-1268) | 8.5E-10 | NV | 2.3E-08 | 1.0E-08 |

**Abbreviations:**
bgs = Below ground surface
CDI = Chronic daily intake
EC = Exposure concentration
$mg/m^3$ = Milligrams per cubic meter
mg/kg-day = Milligrams per kilogram per day
NA = Not applicable. No dermal absorption factor available for Chromium VI.
na = Not applicable. Potential exposure to lead is evaluated using a health-based screening level derived using United States Environmental Protection Agency's (USEPA) Adult Lead Methodology (ALM). Please see Section 4.3 of the human health risk assessment for discussion.
NC = Not considered a carcinogen
NV = Not volatile

**TABLE 9A**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR NON-CARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Vapor Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | 1.1E-10 | 8.8E-05 | 6.5E-07 | 5.4E-07 |
| 1,1,2,2-Tetrachloroethane | 2.0E-12 | 1.8E-07 | 1.2E-08 | 1.0E-08 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 1.0E-12 | 1.1E-06 | 6.2E-09 | 5.1E-09 |
| 1,1-Dichloroethane (1,1-DCA) | 1.5E-13 | 1.0E-07 | 9.4E-10 | 7.8E-10 |
| 1,1-Dichloroethene (1,1-DCE) | 1.3E-12 | 1.6E-06 | 8.1E-09 | 6.7E-09 |
| 1,2,3-Trichlorobenzene | 5.0E-10 | 2.1E-05 | 3.1E-06 | 2.6E-06 |
| 1,2,4-Trichlorobenzene | 1.9E-09 | 8.9E-05 | 1.2E-05 | 9.9E-06 |
| 1,2,4-Trimethylbenzene | 8.2E-10 | 1.4E-04 | 5.0E-06 | 4.2E-06 |
| 1,2-Dichlorobenzene | 2.8E-09 | 3.3E-04 | 1.7E-05 | 1.4E-05 |
| 1,2-Dichloroethane | 3.5E-12 | 1.1E-06 | 2.2E-08 | 1.8E-08 |
| 1,2-Dichloropropane | 2.5E-13 | 9.1E-08 | 1.5E-09 | 1.3E-09 |
| 1,3,5-Trimethylbenzene | 2.8E-10 | 5.8E-05 | 1.7E-06 | 1.4E-06 |
| 1,3-Dichlorobenzene | 1.2E-13 | 1.2E-08 | 7.2E-10 | 6.0E-10 |
| 1,4-Dichlorobenzene | 8.1E-10 | 1.1E-04 | 5.0E-06 | 4.1E-06 |
| 2-Butanone (Methyl Ethyl Ketone) | 1.1E-11 | 1.2E-06 | 6.8E-08 | 5.6E-08 |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | 1.5E-11 | 2.0E-06 | 9.4E-08 | 7.8E-08 |
| Acetone | 1.7E-11 | 1.8E-06 | 1.1E-07 | 8.9E-08 |
| Benzene | 1.1E-12 | 4.2E-07 | 6.6E-09 | 5.5E-09 |
| Carbon disulfide | 8.7E-13 | 1.0E-06 | 5.4E-09 | 4.5E-09 |
| Chlorobenzene | 1.8E-11 | 3.9E-06 | 1.1E-07 | 9.4E-08 |
| Chloroethane (Ethyl Chloride) | 1.4E-13 | 1.4E-07 | 8.4E-10 | 6.9E-10 |
| Chloromethane (Methyl Chloride) | 6.7E-12 | 7.8E-06 | 4.1E-08 | 3.4E-08 |
| cis-1,2-Dichloroethene | 2.9E-12 | 1.6E-06 | 1.8E-08 | 1.5E-08 |
| Isopropylbenzene (Cumene) | 5.2E-11 | 1.1E-05 | 3.2E-07 | 2.6E-07 |
| p-Isopropyltoluene (Cymene) | 1.2E-10 | 1.0E-05 | 7.6E-07 | 6.3E-07 |
| Ethanol | 5.4E-11 | 2.4E-06 | 3.3E-07 | 2.7E-07 |
| Ethylbenzene | 4.2E-10 | 1.0E-04 | 2.6E-06 | 2.2E-06 |
| Bromomethane (Methyl Bromide) | 6.6E-12 | 6.5E-06 | 4.1E-08 | 3.4E-08 |
| Methyl tertiary butyl ether (MTBE) | 1.4E-13 | 3.9E-08 | 8.5E-10 | 7.1E-10 |
| Methylene chloride | 3.5E-10 | 2.2E-04 | 2.2E-06 | 1.8E-06 |
| Naphthalene | 6.9E-11 | 2.0E-06 | 6.4E-07 | 3.5E-07 |
| n-Butylbenzene | 1.2E-10 | 2.0E-05 | 7.5E-07 | 6.2E-07 |
| n-Propylbenzene | 3.0E-10 | 5.9E-05 | 1.9E-06 | 1.5E-06 |
| sec-Butylbenzene | 1.3E-10 | 2.4E-05 | 8.0E-07 | 6.7E-07 |
| Styrene | 4.2E-12 | 6.2E-07 | 2.6E-08 | 2.2E-08 |
| tert-Butyl alcohol | 5.5E-12 | 2.6E-07 | 3.4E-08 | 2.8E-08 |
| tert-Butylbenzene | 8.6E-11 | 1.6E-05 | 5.3E-07 | 4.4E-07 |
| Tetrachloroethene (PCE) | 1.5E-11 | 8.5E-06 | 9.0E-08 | 7.4E-08 |
| Toluene | 5.8E-10 | 1.9E-04 | 3.6E-06 | 3.0E-06 |
| trans-1,2-Dichloroethene | 2.1E-13 | 1.6E-07 | 1.3E-09 | 1.1E-09 |
| Trichloroethene | 6.2E-12 | 3.8E-06 | 3.8E-08 | 3.1E-08 |
| Trichlorofluoromethane (Freon 11) | 9.2E-11 | 1.2E-04 | 5.7E-07 | 4.7E-07 |
| Vinyl chloride | 5.3E-13 | 7.7E-07 | 3.3E-09 | 2.7E-09 |
| Xylenes | 3.9E-09 | 9.4E-04 | 2.4E-05 | 2.0E-05 |

**TABLE 9A**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR NONCARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Vapor Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Polycyclic Aromatic Hydrocarbons** | | | | |
| 1-Methylnaphthalene | 1.8E-10 | 4.3E-06 | 1.7E-06 | 9.4E-07 |
| 2-Methylnaphthalene | 4.7E-11 | 1.1E-06 | 4.3E-07 | 2.4E-07 |
| Acenaphthene | 2.0E-10 | 2.0E-06 | 1.9E-06 | 1.0E-06 |
| Anthracene | 1.5E-10 | 4.0E-07 | 1.4E-06 | 7.7E-07 |
| Benzo(a)anthracene | 4.0E-11 | 1.2E-08 | 3.7E-07 | 2.0E-07 |
| Benzo(a)pyrene | 2.2E-11 | NV | 2.0E-07 | 1.1E-07 |
| Benzo(b)fluoranthene | 1.3E-10 | NV | 1.2E-06 | 6.6E-07 |
| Benzo(g,h,i)perylene | 2.9E-11 | NV | 2.6E-07 | 1.5E-07 |
| Benzo(k)fluoranthene | 4.7E-11 | NV | 4.3E-07 | 2.4E-07 |
| Chrysene | 1.0E-10 | NV | 9.5E-07 | 5.2E-07 |
| Dibenz(a,h)anthracene | 6.9E-11 | NV | 6.4E-07 | 3.5E-07 |
| Fluoranthene | 9.5E-11 | NV | 8.7E-07 | 4.8E-07 |
| Fluorene | 2.2E-11 | 1.1E-07 | 2.0E-07 | 1.1E-07 |
| Indeno(1,2,3-cd)pyrene | 9.0E-11 | NV | 8.3E-07 | 4.6E-07 |
| Phenanthrene | 5.9E-11 | NV | 5.4E-07 | 3.0E-07 |
| Pyrene | 5.5E-11 | 3.1E-08 | 5.0E-07 | 2.8E-07 |
| **Total Petroleum Hydrocarbons** | | | | |
| TPH-diesel | 1.3E-07 | 1.5E-01 | 7.8E-04 | 6.5E-04 |
| TPH-gasoline | 8.2E-08 | 1.4E-01 | 5.0E-04 | 4.2E-04 |
| TPH-motor oil | 2.3E-07 | NV | 1.4E-03 | 1.2E-03 |
| **Metals** | | | | |
| Antimony | 3.3E-09 | NV | 2.0E-06 | 1.7E-05 |
| Arsenic | 9.6E-10 | NV | 1.8E-06 | 4.9E-06 |
| Barium | 2.9E-08 | NV | 1.8E-05 | 1.5E-04 |
| Cadmium | 7.7E-11 | NV | 4.7E-09 | 3.9E-07 |
| Chromium (total) | 2.6E-08 | NV | 1.6E-05 | 1.3E-04 |
| Chromium VI | 1.2E-08 | NV | NA | 6.3E-05 |
| Cobalt | 1.5E-09 | NV | 9.4E-07 | 7.8E-06 |
| Copper | 1.2E-08 | NV | 7.6E-06 | 6.3E-05 |
| Lead | na | na | na | na |
| Mercury (inorganic) | 3.5E-11 | NV | 2.1E-08 | 1.8E-07 |
| Molybdenum | 3.2E-10 | NV | 2.0E-07 | 1.6E-06 |
| Nickel | 2.8E-09 | NV | 1.7E-06 | 1.4E-05 |
| Silver | 5.2E-11 | NV | 3.2E-08 | 2.6E-07 |
| Zinc | 3.2E-08 | NV | 2.0E-05 | 1.6E-04 |

**TABLE 9A**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR NONCARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Vapor Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Polychlorinated Biphenyls** | | | | |
| Aroclor-1242 (PCB-1242) | 1.8E-09 | 4.3E-06 | 1.7E-05 | 9.4E-06 |
| Aroclor-1248 (PCB-1248) | 1.7E-10 | 3.7E-07 | 1.5E-06 | 8.6E-07 |
| Aroclor-1254 (PCB-1254) | 1.7E-10 | 2.8E-07 | 1.6E-06 | 8.8E-07 |
| Aroclor-1260 (PCB-1260) | 1.1E-10 | 1.1E-07 | 1.0E-06 | 5.6E-07 |
| Aroclor-1262 (PCB-1262) | 9.7E-11 | NV | 9.0E-07 | 5.0E-07 |
| Aroclor-1268 (PCB-1268) | 4.4E-11 | NV | 4.0E-07 | 2.2E-07 |

**Abbreviations:**
bgs = Below ground surface
CDI = Chronic daily intake
EC = Exposure concentration
$mg/m^3$ = Milligrams per cubic meter
mg/kg-day = Milligrams per kilogram per day
NA = Not applicable. No dermal absorption factor available for Chromium VI.
na = Not applicable. Potential exposure to lead is evaluated using a health-based screening level derived using California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control's (DTSC) LeadSpread model. Please see Section 4.3 of the human health risk assessment for discussion.
NV = Not volatile

**TABLE 9B**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR NON-CARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Particulate Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | 1.4E-07 | 8.6E-05 | 2.6E-06 | 1.8E-06 |
| 1,1,2,2-Tetrachloroethane | 2.7E-09 | 1.8E-07 | 5.0E-08 | 3.4E-08 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 1.4E-09 | 1.1E-06 | 2.5E-08 | 1.7E-08 |
| 1,1-Dichloroethane (1,1-DCA) | 2.1E-10 | 9.9E-08 | 3.8E-09 | 2.6E-09 |
| 1,1-Dichloroethene (1,1-DCE) | 1.8E-09 | 1.5E-06 | 3.2E-08 | 2.2E-08 |
| 1,2,3-Trichlorobenzene | 6.8E-07 | 2.1E-05 | 1.2E-05 | 8.5E-06 |
| 1,2,4-Trichlorobenzene | 2.6E-06 | 8.7E-05 | 4.8E-05 | 3.3E-05 |
| 1,2,4-Trimethylbenzene | 1.1E-06 | 1.4E-04 | 2.0E-05 | 1.4E-05 |
| 1,2-Dichlorobenzene | 3.8E-06 | 3.2E-04 | 6.9E-05 | 4.7E-05 |
| 1,2-Dichloroethane | 4.8E-09 | 1.0E-06 | 8.7E-08 | 5.9E-08 |
| 1,2-Dichloropropane | 3.4E-10 | 8.9E-08 | 6.2E-09 | 4.2E-09 |
| 1,3,5-Trimethylbenzene | 3.8E-07 | 5.6E-05 | 6.8E-06 | 4.7E-06 |
| 1,3-Dichlorobenzene | 1.6E-10 | 1.2E-08 | 2.9E-09 | 2.0E-09 |
| 1,4-Dichlorobenzene | 1.1E-06 | 1.0E-04 | 2.0E-05 | 1.4E-05 |
| 2-Butanone (Methyl Ethyl Ketone) | 1.5E-08 | 1.2E-06 | 2.7E-07 | 1.9E-07 |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | 2.1E-08 | 1.9E-06 | 3.8E-07 | 2.6E-07 |
| Acetone | 2.4E-08 | 1.7E-06 | 4.3E-07 | 2.9E-07 |
| Benzene | 1.5E-09 | 4.1E-07 | 2.6E-08 | 1.8E-08 |
| Carbon disulfide | 1.2E-09 | 1.0E-06 | 2.1E-08 | 1.5E-08 |
| Chlorobenzene | 2.5E-08 | 3.8E-06 | 4.5E-07 | 3.1E-07 |
| Chloroethane (Ethyl Chloride) | 1.8E-10 | 1.4E-07 | 3.3E-09 | 2.3E-09 |
| Chloromethane (Methyl Chloride) | 9.1E-09 | 7.7E-06 | 1.7E-07 | 1.1E-07 |
| cis-1,2-Dichloroethene | 4.0E-09 | 1.6E-06 | 7.2E-08 | 4.9E-08 |
| Isopropylbenzene (Cumene) | 7.0E-08 | 1.1E-05 | 1.3E-06 | 8.7E-07 |
| p-Isopropyltoluene (Cymene) | 1.7E-07 | 1.0E-05 | 3.0E-06 | 2.1E-06 |
| Ethanol | 7.3E-08 | 2.3E-06 | 1.3E-06 | 9.0E-07 |
| Ethylbenzene | 5.8E-07 | 1.0E-04 | 1.0E-05 | 7.1E-06 |
| Bromomethane (Methyl Bromide) | 9.0E-09 | 6.4E-06 | 1.6E-07 | 1.1E-07 |
| Methyl tertiary butyl ether (MTBE) | 1.9E-10 | 3.8E-08 | 3.4E-09 | 2.3E-09 |
| Methylene chloride | 4.8E-07 | 2.2E-04 | 8.7E-06 | 5.9E-06 |
| Naphthalene | 9.4E-08 | 2.0E-06 | 2.5E-06 | 1.2E-06 |
| n-Butylbenzene | 1.7E-07 | 2.0E-05 | 3.0E-06 | 2.0E-06 |
| n-Propylbenzene | 4.1E-07 | 5.8E-05 | 7.4E-06 | 5.1E-06 |
| sec-Butylbenzene | 1.8E-07 | 2.4E-05 | 3.2E-06 | 2.2E-06 |
| Styrene | 5.8E-09 | 6.1E-07 | 1.0E-07 | 7.1E-08 |
| tert-Butyl alcohol | 7.5E-09 | 2.6E-07 | 1.4E-07 | 9.3E-08 |
| tert-Butylbenzene | 1.2E-07 | 1.6E-05 | 2.1E-06 | 1.4E-06 |
| Tetrachloroethene (PCE) | 2.0E-08 | 8.3E-06 | 3.6E-07 | 2.4E-07 |
| Toluene | 8.0E-07 | 1.8E-04 | 1.4E-05 | 9.8E-06 |
| trans-1,2-Dichloroethene | 2.8E-10 | 1.6E-07 | 5.1E-09 | 3.5E-09 |
| Trichloroethene | 8.4E-09 | 3.8E-06 | 1.5E-07 | 1.0E-07 |
| Trichlorofluoromethane (Freon 11) | 1.3E-07 | 1.2E-04 | 2.3E-06 | 1.6E-06 |
| Vinyl chloride | 7.3E-10 | 7.5E-07 | 1.3E-08 | 9.0E-09 |
| Xylenes | 5.3E-06 | 9.2E-04 | 9.7E-05 | 6.6E-05 |

**TABLE 9B**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR NONCARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Particulate Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Polycyclic Aromatic Hydrocarbons** | | | | |
| 1-Methylnaphthalene | 2.5E-07 | 4.2E-06 | 6.8E-06 | 3.1E-06 |
| 2-Methylnaphthalene | 6.3E-08 | 1.1E-06 | 1.7E-06 | 7.8E-07 |
| Acenaphthene | 2.7E-07 | 1.9E-06 | 7.4E-06 | 3.4E-06 |
| Anthracene | 2.1E-07 | 3.9E-07 | 5.6E-06 | 2.5E-06 |
| Benzo(a)anthracene | 5.4E-08 | 1.2E-08 | 1.5E-06 | 6.7E-07 |
| Benzo(a)pyrene | 2.9E-08 | NV | 8.0E-07 | 3.6E-07 |
| Benzo(b)fluoranthene | 1.8E-07 | NV | 4.8E-06 | 2.2E-06 |
| Benzo(g,h,i)perylene | 3.9E-08 | NV | 1.1E-06 | 4.8E-07 |
| Benzo(k)fluoranthene | 6.4E-08 | NV | 1.7E-06 | 7.9E-07 |
| Chrysene | 1.4E-07 | NV | 3.8E-06 | 1.7E-06 |
| Dibenz(a,h)anthracene | 9.4E-08 | NV | 2.5E-06 | 1.2E-06 |
| Fluoranthene | 1.3E-07 | NV | 3.5E-06 | 1.6E-06 |
| Fluorene | 2.9E-08 | 1.0E-07 | 8.0E-07 | 3.6E-07 |
| Indeno(1,2,3-cd)pyrene | 1.2E-07 | NV | 3.3E-06 | 1.5E-06 |
| Phenanthrene | 8.0E-08 | NV | 2.2E-06 | 9.9E-07 |
| Pyrene | 7.4E-08 | 3.1E-08 | 2.0E-06 | 9.2E-07 |
| **Total Petroleum Hydrocarbons** | | | | |
| TPH-diesel | 1.7E-04 | 1.5E-01 | 3.1E-03 | 2.1E-03 |
| TPH-gasoline | 1.1E-04 | 1.3E-01 | 2.0E-03 | 1.4E-03 |
| TPH-motor oil | 3.2E-04 | NV | 5.7E-03 | 3.9E-03 |
| **Metals** | | | | |
| Antimony | 4.4E-06 | NV | 8.0E-06 | 5.5E-05 |
| Arsenic | 1.3E-06 | NV | 7.1E-06 | 1.6E-05 |
| Barium | 3.9E-05 | NV | 7.1E-05 | 4.9E-04 |
| Cadmium | 1.0E-07 | NV | 1.9E-08 | 1.3E-06 |
| Chromium (total) | 3.5E-05 | NV | 6.4E-05 | 4.4E-04 |
| Chromium VI | 1.7E-05 | NV | NA | 2.1E-04 |
| Cobalt | 2.1E-06 | NV | 3.8E-06 | 2.6E-05 |
| Copper | 1.7E-05 | NV | 3.0E-05 | 2.1E-04 |
| Lead | na | na | na | na |
| Mercury (inorganic) | 4.7E-08 | NV | 8.6E-08 | 5.9E-07 |
| Molybdenum | 4.3E-07 | NV | 7.8E-07 | 5.4E-06 |
| Nickel | 3.8E-06 | NV | 6.9E-06 | 4.7E-05 |
| Silver | 7.0E-08 | NV | 1.3E-07 | 8.7E-07 |
| Zinc | 4.4E-05 | NV | 7.9E-05 | 5.4E-04 |

**TABLE 9B**
**EXPOSURE CONCENTRATIONS AND CHRONIC DAILY INTAKES FOR NONCARCINOGENIC CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): ON-SITE CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | |
|---|---|---|---|---|
| | Soil Pathway | | | |
| | EC: Particulate Inhalation ($mg/m^3$) | EC: Particulate Inhalation ($mg/m^3$) | CDI: Dermal Contact (mg/kg-day) | CDI: Ingestion (mg/kg-day) |
| **Polychlorinated Biphenyls** | | | | |
| Aroclor-1242 (PCB-1242) | 2.5E-06 | 4.2E-06 | 6.8E-05 | 3.1E-05 |
| Aroclor-1248 (PCB-1248) | 2.3E-07 | 3.6E-07 | 6.2E-06 | 2.8E-06 |
| Aroclor-1254 (PCB-1254) | 2.3E-07 | 2.8E-07 | 6.4E-06 | 2.9E-06 |
| Aroclor-1260 (PCB-1260) | 1.5E-07 | 1.1E-07 | 4.1E-06 | 1.8E-06 |
| Aroclor-1262 (PCB-1262) | 1.3E-07 | NV | 3.6E-06 | 1.6E-06 |
| Aroclor-1268 (PCB-1268) | 5.9E-08 | NV | 1.6E-06 | 7.3E-07 |

**Abbreviations:**
bgs = Below ground surface
CDI = Chronic daily intake
EC = Exposure concentration
$mg/m^3$ = Milligrams per cubic meter
mg/kg-day = Milligrams per kilogram per day
NA = Not applicable. No dermal absorption factor available for Chromium VI.

na = Not applicable. Potential exposure to lead is evaluated using a health-based screening level derived using United States Environmental Protection Agency's (USEPA) Adult Lead Methodology (ALM). Please see Section 4.3 of the human health risk assessment for discussion.
NV = Not volatile

**TABLE 10A**
**ESTIMATED ILECRS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS):**
**ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Cumulative ILECR |
| **Volatile Organic Compounds** | | | | | |
| 1,1,1-Trichloroethane | NC | NC | NC | NC | -- |
| 1,1,2,2-Tetrachloroethane | 4.2E-14 | 3.8E-09 | 8.9E-10 | 7.3E-10 | 5.4E-09 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | NC | NC | NC | NC | -- |
| 1,1-Dichloroethane (1,1-DCA) | 8.7E-17 | 5.7E-11 | 1.9E-12 | 1.6E-12 | 6.1E-11 |
| 1,1-Dichloroethene (1,1-DCE) | NC | NC | NC | NC | -- |
| 1,2,3-Trichlorobenzene | NC | NC | NC | NC | -- |
| 1,2,4-Trichlorobenzene | 5.0E-12 | 2.3E-07 | 1.2E-07 | 1.0E-07 | 4.6E-07 |
| 1,2,4-Trimethylbenzene | NC | NC | NC | NC | -- |
| 1,2-Dichlorobenzene | NC | NC | NC | NC | -- |
| 1,2-Dichloroethane | 3.3E-14 | 9.8E-09 | 7.0E-10 | 5.8E-10 | 1.1E-08 |
| 1,2-Dichloropropane | 9.0E-16 | 3.3E-10 | 2.0E-11 | 1.7E-11 | 3.6E-10 |
| 1,3,5-Trimethylbenzene | NC | NC | NC | NC | -- |
| 1,3-Dichlorobenzene | NC | NC | NC | NC | -- |
| 1,4-Dichlorobenzene | 3.2E-12 | 4.2E-07 | 9.6E-09 | 8.0E-09 | 4.4E-07 |
| 2-Butanone (Methyl Ethyl Ketone) | NC | NC | NC | NC | -- |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | NC | NC | NC | NC | -- |
| Acetone | NC | NC | NC | NC | -- |
| Benzene | 1.1E-14 | 4.3E-09 | 2.4E-10 | 2.0E-10 | 4.7E-09 |
| Carbon disulfide | NC | NC | NC | NC | -- |
| Chlorobenzene | NC | NC | NC | NC | -- |
| Chloroethane (Ethyl Chloride) | NC | NC | NC | NC | -- |
| Chloromethane (Methyl Chloride) | NC | NC | NC | NC | -- |
| cis-1,2-Dichloroethene | NC | NC | NC | NC | -- |
| Isopropylbenzene (Cumene) | NC | NC | NC | NC | -- |
| p-Isopropyltoluene (Cymene) | NC | NC | NC | NC | -- |
| Ethanol | NC | NC | NC | NC | -- |
| Ethylbenzene | 3.8E-13 | 9.1E-08 | 1.0E-08 | 8.5E-09 | 1.1E-07 |
| Bromomethane (Methyl Bromide) | NC | NC | NC | NC | -- |
| Methyl tertiary butyl ether (MTBE) | 1.3E-17 | 3.6E-12 | 5.5E-13 | 4.5E-13 | 4.6E-12 |
| Methylene chloride | 1.3E-13 | 7.9E-08 | 1.5E-09 | 1.3E-09 | 8.2E-08 |
| Naphthalene | 8.4E-13 | 2.5E-08 | 2.7E-08 | 1.5E-08 | 6.7E-08 |
| n-Butylbenzene | NC | NC | NC | NC | -- |
| n-Propylbenzene | NC | NC | NC | NC | -- |
| sec-Butylbenzene | NC | NC | NC | NC | -- |
| Styrene | NC | NC | NC | NC | -- |
| tert-Butyl alcohol | NC | NC | 6.1E-12 | 5.0E-12 | 1.1E-11 |
| tert-Butylbenzene | NC | NC | NC | NC | -- |
| Tetrachloroethene (PCE) | 3.2E-14 | 1.9E-08 | 1.7E-08 | 1.4E-08 | 5.0E-08 |
| Toluene | NC | NC | NC | NC | -- |
| trans-1,2-Dichloroethene | NC | NC | NC | NC | -- |
| Trichloroethene | 9.0E-15 | 5.6E-09 | 6.2E-10 | 5.2E-10 | 6.7E-09 |
| Trichlorofluoromethane (Freon 11) | NC | NC | NC | NC | -- |
| Vinyl chloride | 1.5E-14 | 2.1E-08 | 8.4E-10 | 7.0E-10 | 2.3E-08 |
| Xylenes | NC | NC | NC | NC | -- |

**TABLE 10A**
**ESTIMATED ILECRS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS):**
**ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Cumulative ILECR |
| **Polycyclic Aromatic Hydrocarbons** | | | | | |
| 1-Methylnaphthalene | 4.8E-13 | 1.1E-08 | 1.8E-08 | 9.8E-09 | 3.9E-08 |
| 2-Methylnaphthalene | NC | NC | NC | NC | -- |
| Acenaphthene | NC | NC | NC | NC | -- |
| Anthracene | NC | NC | NC | NC | -- |
| Benzo(a)anthracene | 1.6E-12 | 4.9E-10 | 1.3E-08 | 7.3E-09 | 2.1E-08 |
| Benzo(a)pyrene | 8.5E-12 | NV | 7.1E-08 | 3.9E-08 | 1.1E-07 |
| Benzo(b)fluoranthene | 5.1E-12 | NV | 4.3E-08 | 2.4E-08 | 6.6E-08 |
| Benzo(g,h,i)perylene | NC | NC | NC | NC | -- |
| Benzo(k)fluoranthene | 1.8E-12 | NV | 1.5E-09 | 8.6E-10 | 2.4E-09 |
| Chrysene | 4.0E-13 | NV | 3.4E-10 | 1.9E-10 | 5.3E-10 |
| Dibenz(a,h)anthracene | 2.9E-11 | NV | 9.3E-07 | 5.1E-07 | 1.4E-06 |
| Fluoranthene | NC | NC | NC | NC | -- |
| Fluorene | NC | NC | NC | NC | -- |
| Indeno(1,2,3-cd)pyrene | 3.5E-12 | NV | 3.0E-08 | 1.6E-08 | 4.6E-08 |
| Phenanthrene | NC | NC | NC | NC | -- |
| Pyrene | NC | NC | NC | NC | -- |
| **Total Petroleum Hydrocarbons** | | | | | |
| TPH-diesel | NC | NC | NC | NC | -- |
| TPH-gasoline | NC | NC | NC | NC | -- |
| TPH-motor oil | NC | NC | NC | NC | -- |
| **Metals** | | | | | |
| Antimony | NC | NC | NC | NC | -- |
| Arsenic | 1.5E-09 | NV | 6.0E-06 | 1.7E-05 | 2.3E-05 |
| Barium | NC | NC | NC | NC | -- |
| Cadmium | 1.2E-10 | NV | NC | NC | 1.2E-10 |
| Chromium (total) | NC | NC | NC | NC | -- |
| Chromium VI | 6.6E-07 | NV | NA | 1.1E-05 | 1.2E-05 |
| Cobalt | 4.9E-09 | NV | NC | NC | 4.9E-09 |
| Copper | NC | NC | NC | NC | -- |
| Lead | na | NV | na | na | na |
| Mercury (inorganic) | NC | NC | NC | NC | -- |
| Molybdenum | NC | NC | NC | NC | -- |
| Nickel | 2.6E-10 | NV | NC | NC | 2.6E-10 |
| Silver | NC | NC | NC | NC | -- |
| Zinc | NC | NC | NC | NC | -- |

**TABLE 10A**
**ESTIMATED ILECRS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS):**
**ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Cumulative ILECR |
| **Polychlorinated Biphenyls** | | | | | |
| Aroclor-1242 (PCB-1242) | 3.8E-10 | 8.7E-07 | 1.2E-05 | 6.7E-06 | 2.0E-05 |
| Aroclor-1248 (PCB-1248) | 3.4E-11 | 7.5E-08 | 1.1E-06 | 6.1E-07 | 1.8E-06 |
| Aroclor-1254 (PCB-1254) | 3.5E-11 | 5.7E-08 | 1.1E-06 | 6.3E-07 | 1.8E-06 |
| Aroclor-1260 (PCB-1260) | 2.2E-11 | 2.3E-08 | 7.2E-07 | 4.0E-07 | 1.1E-06 |
| Aroclor-1262 (PCB-1262) | 2.0E-11 | NV | 6.4E-07 | 3.5E-07 | 1.0E-06 |
| Aroclor-1268 (PCB-1268) | 8.9E-12 | NV | 2.9E-07 | 1.6E-07 | 4.5E-07 |
| **Cumulative ILECR** | **6.6E-07** | **1.9E-06** | **2.3E-05** | **3.7E-05** | **6E-05** |

**Abbreviations:**

bgs = Below ground surface

ILECR = Incremental lifetime excess cancer risk

NA = Not applicable. No dermal absorption factor available for Chromium VI.

na = Not applicable. Potential exposure to lead is evaluated using the California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control (DTSC) health-based screening levels (DTSC-SLs) for commercial/industrial soil (for hypothetical future on-Site commercial workers). Please see Section 5.2 of the human health risk assessment for discussion.

NC = Not considered a carcinogen

NV = Not volatile

**TABLE 10B**
**ESTIMATED ILECRS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS):**
**ON-SITE CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Cumulative ILECR |
| **Volatile Organic Compounds** | | | | | |
| 1,1,1-Trichloroethane | NC | NC | NC | NC | -- |
| 1,1,2,2-Tetrachloroethane | 2.3E-12 | 1.5E-10 | 1.4E-10 | 9.7E-11 | 3.9E-10 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | NC | NC | NC | NC | -- |
| 1,1-Dichloroethane (1,1-DCA) | 4.8E-15 | 2.3E-12 | 3.1E-13 | 2.1E-13 | 2.8E-12 |
| 1,1-Dichloroethene (1,1-DCE) | NC | NC | NC | NC | -- |
| 1,2,3-Trichlorobenzene | NC | NC | NC | NC | -- |
| 1,2,4-Trichlorobenzene | 2.7E-10 | 9.0E-09 | 2.0E-08 | 1.4E-08 | 4.3E-08 |
| 1,2,4-Trimethylbenzene | NC | NC | NC | NC | -- |
| 1,2-Dichlorobenzene | NC | NC | NC | NC | -- |
| 1,2-Dichloroethane | 1.8E-12 | 3.8E-10 | 1.1E-10 | 7.7E-11 | 5.8E-10 |
| 1,2-Dichloropropane | 4.9E-14 | 1.3E-11 | 3.3E-12 | 2.2E-12 | 1.8E-11 |
| 1,3,5-Trimethylbenzene | NC | NC | NC | NC | -- |
| 1,3-Dichlorobenzene | NC | NC | NC | NC | -- |
| 1,4-Dichlorobenzene | 1.7E-10 | 1.6E-08 | 1.5E-09 | 1.1E-09 | 1.9E-08 |
| 2-Butanone (Methyl Ethyl Ketone) | NC | NC | NC | NC | -- |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | NC | NC | NC | NC | -- |
| Acetone | NC | NC | NC | NC | -- |
| Benzene | 6.1E-13 | 1.7E-10 | 3.8E-11 | 2.6E-11 | 2.3E-10 |
| Carbon disulfide | NC | NC | NC | NC | -- |
| Chlorobenzene | NC | NC | NC | NC | -- |
| Chloroethane (Ethyl Chloride) | NC | NC | NC | NC | -- |
| Chloromethane (Methyl Chloride) | NC | NC | NC | NC | -- |
| cis-1,2-Dichloroethene | NC | NC | NC | NC | -- |
| Isopropylbenzene (Cumene) | NC | NC | NC | NC | -- |
| p-Isopropyltoluene (Cymene) | NC | NC | NC | NC | -- |
| Ethanol | NC | NC | NC | NC | -- |
| Ethylbenzene | 2.1E-11 | 3.6E-09 | 1.6E-09 | 1.1E-09 | 6.4E-09 |
| Bromomethane (Methyl Bromide) | NC | NC | NC | NC | -- |
| Methyl tertiary butyl ether (MTBE) | 7.0E-16 | 1.4E-13 | 8.8E-14 | 6.0E-14 | 2.9E-13 |
| Methylene chloride | 6.8E-12 | 3.1E-09 | 2.5E-10 | 1.7E-10 | 3.5E-09 |
| Naphthalene | 4.5E-11 | 9.7E-10 | 4.4E-09 | 2.0E-09 | |
| n-Butylbenzene | NC | NC | NC | NC | -- |
| n-Propylbenzene | NC | NC | NC | NC | -- |
| sec-Butylbenzene | NC | NC | NC | NC | -- |
| Styrene | NC | NC | NC | NC | -- |
| tert-Butyl alcohol | NC | NC | 9.7E-13 | 6.6E-13 | 1.6E-12 |
| tert-Butylbenzene | NC | NC | NC | NC | -- |
| Tetrachloroethene (PCE) | 1.7E-12 | 7.3E-10 | 2.8E-09 | 1.9E-09 | 5.4E-09 |
| Toluene | NC | NC | NC | NC | -- |
| trans-1,2-Dichloroethene | NC | NC | NC | NC | -- |
| Trichloroethene | 4.9E-13 | 2.2E-10 | 1.0E-10 | 6.8E-11 | 3.9E-10 |
| Trichlorofluoromethane (Freon 11) | NC | NC | NC | NC | -- |
| Vinyl chloride | 8.1E-13 | 8.4E-10 | 1.4E-10 | 9.2E-11 | 1.1E-09 |
| Xylenes | NC | NC | NC | NC | -- |

**TABLE 10B**
**ESTIMATED ILECRS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS):**
**ON-SITE CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Cumulative ILECR |
| **Polycyclic Aromatic Hydrocarbons** | | | | | |
| 1-Methylnaphthalene | 2.6E-11 | 4.4E-10 | 2.8E-09 | 1.3E-09 | 4.6E-09 |
| 2-Methylnaphthalene | NC | NC | NC | NC | -- |
| Acenaphthene | NC | NC | NC | NC | -- |
| Anthracene | NC | NC | NC | NC | -- |
| Benzo(a)anthracene | 8.5E-11 | 1.9E-11 | 2.1E-09 | 9.6E-10 | 3.2E-09 |
| Benzo(a)pyrene | 4.6E-10 | NV | 1.1E-08 | 5.2E-09 | 1.7E-08 |
| Benzo(b)fluoranthene | 2.8E-10 | NV | 6.8E-09 | 3.1E-09 | 1.0E-08 |
| Benzo(g,h,i)perylene | NC | NC | NC | NC | -- |
| Benzo(k)fluoranthene | 1.0E-10 | NV | 2.5E-10 | 1.1E-10 | 4.6E-10 |
| Chrysene | 2.2E-11 | NV | 5.4E-11 | 2.5E-11 | 1.0E-10 |
| Dibenz(a,h)anthracene | 1.6E-09 | NV | 1.5E-07 | 6.8E-08 | 2.2E-07 |
| Fluoranthene | NC | NC | NC | NC | -- |
| Fluorene | NC | NC | NC | NC | -- |
| Indeno(1,2,3-cd)pyrene | 1.9E-10 | NV | 4.8E-09 | 2.2E-09 | 7.1E-09 |
| Phenanthrene | NC | NC | NC | NC | -- |
| Pyrene | NC | NC | NC | NC | -- |
| **Total Petroleum Hydrocarbons** | | | | | |
| TPH-diesel | NC | NC | NC | NC | -- |
| TPH-gasoline | NC | NC | NC | NC | -- |
| TPH-motor oil | NC | NC | NC | NC | -- |
| **Metals** | | | | | |
| Antimony | NC | NC | NC | NC | -- |
| Arsenic | 8.0E-08 | NV | 9.6E-07 | 2.2E-06 | 3.2E-06 |
| Barium | NC | NC | NC | NC | -- |
| Cadmium | 6.3E-09 | NV | NC | NC | 6.3E-09 |
| Chromium (total) | NC | NC | NC | NC | -- |
| Chromium VI | 3.6E-05 | NV | NA | 1.5E-06 | 3.7E-05 |
| Cobalt | 2.7E-07 | NV | NC | NC | 2.7E-07 |
| Copper | NC | NC | NC | NC | -- |
| Lead | na | NV | na | na | na |
| Mercury (inorganic) | NC | NC | NC | NC | -- |
| Molybdenum | NC | NC | NC | NC | -- |
| Nickel | 1.4E-08 | NV | NC | NC | 1.4E-08 |
| Silver | NC | NC | NC | NC | -- |
| Zinc | NC | NC | NC | NC | -- |

**TABLE 10B**
**ESTIMATED ILECRS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS):**
**ON-SITE CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Cumulative ILECR |
| **Polychlorinated Biphenyls** | | | | | |
| Aroclor-1242 (PCB-1242) | 2.0E-08 | 3.4E-08 | 1.9E-06 | 8.9E-07 | 2.9E-06 |
| Aroclor-1248 (PCB-1248) | 1.9E-09 | 2.9E-09 | 1.8E-07 | 8.1E-08 | 2.6E-07 |
| Aroclor-1254 (PCB-1254) | 1.9E-09 | 2.2E-09 | 1.8E-07 | 8.3E-08 | 2.7E-07 |
| Aroclor-1260 (PCB-1260) | 1.2E-09 | 9.1E-10 | 1.2E-07 | 5.3E-08 | 1.7E-07 |
| Aroclor-1262 (PCB-1262) | 1.1E-09 | NV | 1.0E-07 | 4.7E-08 | 1.5E-07 |
| Aroclor-1268 (PCB-1268) | 4.8E-10 | NV | 4.6E-08 | 2.1E-08 | 6.8E-08 |
| **Cumulative ILECR** | **3.6E-05** | **7.6E-08** | **3.7E-06** | **4.9E-06** | **4E-05** |

**Abbreviations:**

bgs = Below ground surface

ILECR = Incremental lifetime excess cancer risk

NA = Not applicable. No dermal absorption factor available for Chromium VI.

na = Not applicable. Potential exposure to lead is evaluated using a health-based screening level derived using United States Environmental Protection Agency's (USEPA) Adult Lead Methodology (ALM). Please see Section 5.2 of the human health risk assessment for discussion.

NC = Not considered a carcinogen

NV = Not volatile

**TABLE 11A**
**ESTIMATED NONCANCER HQS/HIS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS):**
**ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Total Hazard Index |
| **Volatile Organic Compounds** | | | | | |
| 1,1,1-Trichloroethane | 1.1E-10 | 8.8E-05 | 3.3E-07 | 2.7E-07 | 8.9E-05 |
| 1,1,2,2-Tetrachloroethane | 2.5E-11 | 2.3E-06 | 6.2E-07 | 5.1E-07 | 3.4E-06 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 2.0E-13 | 2.2E-07 | 2.1E-10 | 1.7E-10 | 2.2E-07 |
| 1,1-Dichloroethane (1,1-DCA) | 1.9E-13 | 1.3E-07 | 4.7E-09 | 3.9E-09 | 1.3E-07 |
| 1,1-Dichloroethene (1,1-DCE) | 1.9E-11 | 2.2E-05 | 1.6E-07 | 1.3E-07 | 2.3E-05 |
| 1,2,3-Trichlorobenzene | 1.6E-07 | 6.7E-03 | 3.9E-03 | 3.2E-03 | 1.4E-02 |
| 1,2,4-Trichlorobenzene | 9.7E-07 | 4.4E-02 | 1.2E-03 | 9.9E-04 | 4.7E-02 |
| 1,2,4-Trimethylbenzene | 1.4E-08 | 2.4E-03 | 5.0E-04 | 4.2E-04 | 3.3E-03 |
| 1,2-Dichlorobenzene | 1.4E-08 | 1.6E-03 | 1.9E-04 | 1.6E-04 | 2.0E-03 |
| 1,2-Dichloroethane | 5.0E-10 | 1.5E-04 | 3.6E-06 | 3.0E-06 | 1.6E-04 |
| 1,2-Dichloropropane | 6.3E-11 | 2.3E-05 | 3.9E-08 | 3.2E-08 | 2.3E-05 |
| 1,3,5-Trimethylbenzene | 4.6E-09 | 9.6E-04 | 1.7E-04 | 1.4E-04 | 1.3E-03 |
| 1,3-Dichlorobenzene | 9.8E-13 | 1.0E-07 | 2.4E-08 | 2.0E-08 | 1.4E-07 |
| 1,4-Dichlorobenzene | 1.0E-09 | 1.3E-04 | 7.1E-05 | 5.9E-05 | 2.6E-04 |
| 2-Butanone (Methyl Ethyl Ketone) | 2.2E-12 | 2.5E-07 | 1.1E-07 | 9.4E-08 | 4.6E-07 |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | 5.1E-12 | 6.6E-07 | 1.2E-06 | 9.7E-07 | 2.8E-06 |
| Acetone | 4.8E-12 | 4.9E-07 | 1.2E-07 | 9.9E-08 | 7.0E-07 |
| Benzene | 3.6E-10 | 1.4E-04 | 1.7E-06 | 1.4E-06 | 1.4E-04 |
| Carbon disulfide | 1.2E-12 | 1.5E-06 | 5.4E-08 | 4.5E-08 | 1.6E-06 |
| Chlorobenzene | 3.7E-10 | 7.8E-05 | 5.7E-06 | 4.7E-06 | 8.9E-05 |
| Chloroethane (Ethyl Chloride) | 1.4E-14 | 1.4E-08 | 1.1E-10 | 9.2E-11 | 1.5E-08 |
| Chloromethane (Methyl Chloride) | 7.5E-11 | 8.7E-05 | 1.8E-06 | 1.5E-06 | 9.0E-05 |
| cis-1,2-Dichloroethene | 3.7E-10 | 2.0E-04 | 9.0E-06 | 7.4E-06 | 2.2E-04 |
| Isopropylbenzene (Cumene) | 1.3E-10 | 2.8E-05 | 3.2E-06 | 2.6E-06 | 3.4E-05 |
| p-Isopropyltoluene (Cymene) | 3.1E-10 | 2.5E-05 | 7.6E-06 | 6.3E-06 | 3.9E-05 |
| Ethanol | 2.7E-10 | 1.2E-05 | 1.7E-07 | 1.4E-07 | 1.2E-05 |
| Ethylbenzene | 4.2E-10 | 1.0E-04 | 2.6E-05 | 2.2E-05 | 1.5E-04 |
| Bromomethane (Methyl Bromide) | 1.3E-09 | 1.3E-03 | 2.9E-05 | 2.4E-05 | 1.4E-03 |
| Methyl tertiary butyl ether (MTBE) | 4.6E-14 | 1.3E-08 | 4.3E-10 | 3.5E-10 | 1.4E-08 |
| Methylene chloride | 8.8E-10 | 5.5E-04 | 3.6E-04 | 3.0E-04 | 1.2E-03 |
| Naphthalene | 2.3E-08 | 6.8E-04 | 3.2E-05 | 1.8E-05 | 7.3E-04 |
| n-Butylbenzene | 6.1E-10 | 1.0E-04 | 1.5E-05 | 1.2E-05 | 1.3E-04 |
| n-Propylbenzene | 3.0E-10 | 5.9E-05 | 1.9E-05 | 1.5E-05 | 9.3E-05 |
| sec-Butylbenzene | 3.3E-10 | 6.1E-05 | 8.0E-06 | 6.7E-06 | 7.6E-05 |
| Styrene | 4.7E-12 | 6.9E-07 | 1.3E-07 | 1.1E-07 | 9.3E-07 |
| tert-Butyl alcohol | 1.1E-12 | 5.3E-08 | 8.5E-08 | 7.0E-08 | 2.1E-07 |
| tert-Butylbenzene | 2.1E-10 | 4.0E-05 | 5.3E-06 | 4.4E-06 | 4.9E-05 |
| Tetrachloroethene (PCE) | 3.6E-10 | 2.1E-04 | 1.5E-05 | 1.2E-05 | 2.4E-04 |
| Toluene | 1.4E-09 | 4.5E-04 | 4.5E-05 | 3.7E-05 | 5.3E-04 |
| trans-1,2-Dichloroethene | 2.6E-12 | 2.0E-06 | 6.4E-08 | 5.3E-08 | 2.2E-06 |
| Trichloroethene | 3.1E-09 | 1.9E-03 | 7.6E-05 | 6.3E-05 | 2.1E-03 |
| Trichlorofluoromethane (Freon 11) | 7.7E-11 | 1.0E-04 | 1.9E-06 | 1.6E-06 | 1.1E-04 |
| Vinyl chloride | 5.3E-12 | 7.7E-06 | 1.1E-06 | 9.1E-07 | 9.7E-06 |
| Xylenes | 3.9E-08 | 9.4E-03 | 1.2E-04 | 1.0E-04 | 9.6E-03 |

**TABLE 11A**
**ESTIMATED NONCANCER HQS/HIS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS):**
**ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Total Hazard Index |
| **Polycyclic Aromatic Hydrocarbons** | | | | | |
| 1-Methylnaphthalene | 6.6E-10 | 1.5E-05 | 2.4E-05 | 1.3E-05 | 5.3E-05 |
| 2-Methylnaphthalene | 2.9E-09 | 6.9E-05 | 1.1E-04 | 5.9E-05 | 2.4E-04 |
| Acenaphthene | 8.4E-10 | 8.2E-06 | 3.1E-05 | 1.7E-05 | 5.6E-05 |
| Anthracene | 1.3E-10 | 3.3E-07 | 4.6E-06 | 2.6E-06 | 7.5E-06 |
| Benzo(a)anthracene | 3.3E-10 | 1.0E-07 | 1.2E-05 | 6.8E-06 | 1.9E-05 |
| Benzo(a)pyrene | 1.1E-05 | NV | 6.7E-04 | 3.7E-04 | 1.0E-03 |
| Benzo(b)fluoranthene | 1.1E-09 | NV | 4.0E-05 | 2.2E-05 | 6.2E-05 |
| Benzo(g,h,i)perylene | 2.4E-10 | NV | 8.8E-06 | 4.9E-06 | 1.4E-05 |
| Benzo(k)fluoranthene | 3.9E-10 | NV | 1.4E-05 | 8.0E-06 | 2.2E-05 |
| Chrysene | 8.5E-10 | NV | 3.2E-05 | 1.7E-05 | 4.9E-05 |
| Dibenz(a,h)anthracene | 3.4E-05 | NV | 2.1E-03 | 1.2E-03 | 3.3E-03 |
| Fluoranthene | 5.9E-10 | NV | 2.2E-05 | 1.2E-05 | 3.4E-05 |
| Fluorene | 1.4E-10 | 6.6E-07 | 5.0E-06 | 2.8E-06 | 8.4E-06 |
| Indeno(1,2,3-cd)pyrene | 7.5E-10 | NV | 2.8E-05 | 1.5E-05 | 4.3E-05 |
| Phenanthrene | 4.9E-11 | NV | 1.8E-06 | 1.0E-06 | 2.8E-06 |
| Pyrene | 4.5E-10 | 2.6E-07 | 1.7E-05 | 9.3E-06 | 2.6E-05 |
| **Total Petroleum Hydrocarbons** | | | | | |
| TPH-diesel | 4.9E-07 | 5.9E-01 | 4.1E-02 | 3.4E-02 | 6.6E-01 |
| TPH-gasoline | 1.4E-07 | 2.4E-01 | 1.3E-02 | 1.1E-02 | 2.6E-01 |
| TPH-motor oil | 3.9E-07 | NV | 9.5E-03 | 7.9E-03 | 1.7E-02 |
| **Metals** | | | | | |
| Antimony | 1.1E-05 | NV | 5.0E-03 | 4.2E-02 | 4.7E-02 |
| Arsenic | 6.4E-05 | NV | 5.0E-01 | 1.4E+00 | 1.9E+00 |
| Barium | 5.8E-05 | NV | 8.9E-05 | 7.4E-04 | 8.9E-04 |
| Cadmium | 7.7E-06 | NV | 4.7E-06 | 3.9E-04 | 4.0E-04 |
| Chromium (total) | 4.3E-04 | NV | 1.1E-05 | 8.8E-05 | 5.3E-04 |
| Chromium VI | 1.2E-04 | NV | NA | 2.1E-02 | 2.1E-02 |
| Cobalt | 2.5E-04 | NV | 3.1E-03 | 2.6E-02 | 2.9E-02 |
| Copper | 7.7E-08 | NV | 1.9E-04 | 1.6E-03 | 1.8E-03 |
| Lead | na | na | na | na | na |
| Mercury (inorganic) | 1.2E-06 | NV | 1.3E-04 | 1.1E-03 | 1.2E-03 |
| Molybdenum | 1.6E-08 | NV | 3.9E-05 | 3.2E-04 | 3.6E-04 |
| Nickel | 2.0E-04 | NV | 1.6E-04 | 1.3E-03 | 1.7E-03 |
| Silver | 2.6E-09 | NV | 6.4E-06 | 5.3E-05 | 5.9E-05 |
| Zinc | 2.7E-08 | NV | 6.6E-05 | 5.4E-04 | 6.1E-04 |

**TABLE 11A**
**ESTIMATED NONCANCER HQS/HIS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS):**
**ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Non-Intrusive Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Total Hazard Index |
| **Polychlorinated Biphenyls** | | | | | |
| Aroclor-1242 (PCB-1242) | 2.3E-05 | 5.4E-02 | 8.5E-01 | 4.7E-01 | 1.4E+00 |
| Aroclor-1248 (PCB-1248) | 2.1E-06 | 4.6E-03 | 7.7E-02 | 4.3E-02 | 1.2E-01 |
| Aroclor-1254 (PCB-1254) | 2.2E-06 | 3.5E-03 | 8.0E-02 | 4.4E-02 | 1.3E-01 |
| Aroclor-1260 (PCB-1260) | 1.4E-06 | 1.4E-03 | 5.1E-02 | 2.8E-02 | 8.0E-02 |
| Aroclor-1262 (PCB-1262) | 1.2E-06 | NV | 4.5E-02 | 2.5E-02 | 7.0E-02 |
| Aroclor-1268 (PCB-1268) | 5.5E-07 | NV | 2.0E-02 | 1.1E-02 | 3.1E-02 |
| **Total Hazard Index** | **1.2E-03** | **9.6E-01** | **1.7E+00** | **2.2E+00** | **5** |

| Risk Drivers | Primary Target Organ |
|---|---|
| TPH-diesel | General Toxicity, Nervous System, Respiratory, Kidney |
| TPH-gasoline | General Toxicity, Nervous System, Respiratory |
| Arsenic | Nervous System, Respiratory, Cardiovascular, Skin, Reproductive |
| Aroclor-1242 (PCB-1242) | Skin, Ocular, Immune System |

| Target Organ-Specific HI | |
|---|---|
| General Toxicity | 0.9 |
| Nervous System | 3 |
| Respiratory | 3 |
| Kidney | 0.7 |
| Cardio-vascular | 2 |
| Skin | 3 |
| Reproductive | 2 |
| Ocular | 1 |
| Immune System | 1 |

**Abbreviations:**
bgs = Below ground surface
NA = Not applicable. No dermal absorption factor available for Chromium VI.

na = Not applicable. Potential exposure to lead is evaluated using the California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control (DTSC) health-based screening levels (DTSC-SLs) for commercial/industrial soil (for hypothetical future on-Site commercial/industrial workers). Please see Section 5.2 of the human health risk assessment for discussion.
NC = Not calculated
NV = Not volatile

**TABLE 11B**
**ESTIMATED NONCANCER HQS/HIS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Total Hazard Index |
| **Volatile Organic Compounds** | | | | | |
| 1,1,1-Trichloroethane | 1.4E-07 | 8.6E-05 | 1.3E-06 | 8.9E-07 | 8.9E-05 |
| 1,1,2,2-Tetrachloroethane | 3.4E-08 | 2.2E-06 | 2.5E-06 | 1.7E-06 | 6.4E-06 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 2.7E-10 | 2.1E-07 | 8.3E-10 | 5.7E-10 | 2.1E-07 |
| 1,1-Dichloroethane (1,1-DCA) | 2.6E-10 | 1.2E-07 | 1.9E-08 | 1.3E-08 | 1.6E-07 |
| 1,1-Dichloroethene (1,1-DCE) | 2.5E-08 | 2.2E-05 | 6.4E-07 | 4.4E-07 | 2.3E-05 |
| 1,2,3-Trichlorobenzene | 2.1E-04 | 6.6E-03 | 1.5E-02 | 1.1E-02 | 3.3E-02 |
| 1,2,4-Trichlorobenzene | 1.3E-03 | 4.4E-02 | 4.8E-03 | 3.3E-03 | 5.3E-02 |
| 1,2,4-Trimethylbenzene | 1.9E-05 | 2.3E-03 | 2.0E-03 | 1.4E-03 | 5.7E-03 |
| 1,2-Dichlorobenzene | 1.9E-05 | 1.6E-03 | 7.7E-04 | 5.3E-04 | 2.9E-03 |
| 1,2-Dichloroethane | 6.8E-07 | 1.5E-04 | 1.4E-05 | 9.9E-06 | 1.7E-04 |
| 1,2-Dichloropropane | 8.6E-08 | 2.2E-05 | 1.5E-07 | 1.1E-07 | 2.3E-05 |
| 1,3,5-Trimethylbenzene | 6.3E-06 | 9.4E-04 | 6.8E-04 | 4.7E-04 | 2.1E-03 |
| 1,3-Dichlorobenzene | 1.3E-09 | 9.9E-08 | 9.6E-08 | 6.6E-08 | 2.6E-07 |
| 1,4-Dichlorobenzene | 1.4E-06 | 1.3E-04 | 2.9E-04 | 2.0E-04 | 6.1E-04 |
| 2-Butanone (Methyl Ethyl Ketone) | 3.0E-09 | 2.4E-07 | 4.5E-07 | 3.1E-07 | 1.0E-06 |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | 6.9E-09 | 6.5E-07 | 4.7E-06 | 3.2E-06 | 8.6E-06 |
| Acetone | 6.6E-09 | 4.8E-07 | 4.8E-07 | 3.3E-07 | 1.3E-06 |
| Benzene | 4.9E-07 | 1.4E-04 | 6.6E-06 | 4.5E-06 | 1.5E-04 |
| Carbon disulfide | 1.7E-09 | 1.4E-06 | 2.1E-07 | 1.5E-07 | 1.8E-06 |
| Chlorobenzene | 5.0E-07 | 7.7E-05 | 2.3E-05 | 1.6E-05 | 1.2E-04 |
| Chloroethane (Ethyl Chloride) | 1.8E-11 | 1.4E-08 | 4.5E-10 | 3.1E-10 | 1.5E-08 |
| Chloromethane (Methyl Chloride) | 1.0E-07 | 8.5E-05 | 7.3E-06 | 5.0E-06 | 9.8E-05 |
| cis-1,2-Dichloroethene | 5.0E-07 | 2.0E-04 | 3.6E-05 | 2.5E-05 | 2.6E-04 |
| Isopropylbenzene (Cumene) | 1.8E-07 | 2.8E-05 | 1.3E-05 | 8.7E-06 | 4.9E-05 |
| p-Isopropyltoluene (Cymene) | 4.2E-07 | 2.5E-05 | 3.0E-05 | 2.1E-05 | 7.7E-05 |
| Ethanol | 3.7E-07 | 1.2E-05 | 6.6E-07 | 4.5E-07 | 1.3E-05 |
| Ethylbenzene | 5.8E-07 | 1.0E-04 | 1.0E-04 | 7.1E-05 | 2.8E-04 |
| Bromomethane (Methyl Bromide) | 1.8E-06 | 1.3E-03 | 1.2E-04 | 8.0E-05 | 1.5E-03 |
| Methyl tertiary butyl ether (MTBE) | 6.3E-11 | 1.3E-08 | 1.7E-09 | 1.2E-09 | 1.6E-08 |
| Methylene chloride | 1.2E-06 | 5.4E-04 | 1.4E-03 | 9.9E-04 | 3.0E-03 |
| Naphthalene | 3.1E-05 | 6.7E-04 | 1.3E-04 | 5.8E-05 | 8.8E-04 |
| n-Butylbenzene | 8.3E-07 | 1.0E-04 | 6.0E-05 | 4.1E-05 | 2.0E-04 |
| n-Propylbenzene | 4.1E-07 | 5.8E-05 | 7.4E-05 | 5.1E-05 | 1.8E-04 |
| sec-Butylbenzene | 4.4E-07 | 6.0E-05 | 3.2E-05 | 2.2E-05 | 1.1E-04 |
| Styrene | 6.4E-09 | 6.8E-07 | 5.2E-07 | 3.6E-07 | 1.6E-06 |
| tert-Butyl alcohol | 1.5E-09 | 5.2E-08 | 3.4E-07 | 2.3E-07 | 6.3E-07 |
| tert-Butylbenzene | 2.9E-07 | 3.9E-05 | 2.1E-05 | 1.4E-05 | 7.5E-05 |
| Tetrachloroethene (PCE) | 4.9E-07 | 2.1E-04 | 6.0E-05 | 4.1E-05 | 3.1E-04 |
| Toluene | 1.9E-06 | 4.4E-04 | 1.8E-04 | 1.2E-04 | 7.4E-04 |
| trans-1,2-Dichloroethene | 3.5E-09 | 2.0E-06 | 2.6E-07 | 1.8E-07 | 2.4E-06 |
| Trichloroethene | 4.2E-06 | 1.9E-03 | 3.0E-04 | 2.1E-04 | 2.4E-03 |
| Trichlorofluoromethane (Freon 11) | 1.0E-07 | 1.0E-04 | 7.6E-06 | 5.2E-06 | 1.1E-04 |
| Vinyl chloride | 7.3E-09 | 7.5E-06 | 4.4E-06 | 3.0E-06 | 1.5E-05 |
| Xylenes | 5.3E-05 | 9.2E-03 | 4.8E-04 | 3.3E-04 | 1.0E-02 |

**TABLE 11B**
**ESTIMATED NONCANCER HQS/HIS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Total Hazard Index |
| **Polycyclic Aromatic Hydrocarbons** | | | | | |
| 1-Methylnaphthalene | 9.0E-07 | 1.5E-05 | 9.7E-05 | 4.4E-05 | 1.6E-04 |
| 2-Methylnaphthalene | 4.0E-06 | 6.7E-05 | 4.3E-04 | 2.0E-04 | 7.0E-04 |
| Acenaphthene | 1.1E-06 | 8.0E-06 | 1.2E-04 | 5.7E-05 | 1.9E-04 |
| Anthracene | 1.7E-07 | 3.2E-07 | 1.9E-05 | 8.5E-06 | 2.8E-05 |
| Benzo(a)anthracene | 4.5E-07 | 1.0E-07 | 4.9E-05 | 2.2E-05 | 7.2E-05 |
| Benzo(a)pyrene | 1.5E-02 | NV | 2.7E-03 | 1.2E-03 | 1.9E-02 |
| Benzo(b)fluoranthene | 1.5E-06 | NV | 1.6E-04 | 7.3E-05 | 2.3E-04 |
| Benzo(g,h,i)perylene | 3.3E-07 | NV | 3.5E-05 | 1.6E-05 | 5.2E-05 |
| Benzo(k)fluoranthene | 5.3E-07 | NV | 5.8E-05 | 2.6E-05 | 8.5E-05 |
| Chrysene | 1.2E-06 | NV | 1.3E-04 | 5.8E-05 | 1.8E-04 |
| Dibenz(a,h)anthracene | 4.7E-02 | NV | 8.5E-03 | 3.9E-03 | 5.9E-02 |
| Fluoranthene | 8.0E-07 | NV | 8.7E-05 | 4.0E-05 | 1.3E-04 |
| Fluorene | 1.8E-07 | 6.5E-07 | 2.0E-05 | 9.1E-06 | 3.0E-05 |
| Indeno(1,2,3-cd)pyrene | 1.0E-06 | NV | 1.1E-04 | 5.1E-05 | 1.6E-04 |
| Phenanthrene | 6.7E-08 | NV | 7.2E-06 | 3.3E-06 | 1.1E-05 |
| Pyrene | 6.2E-07 | 2.6E-07 | 6.7E-05 | 3.1E-05 | 9.9E-05 |
| **Total Petroleum Hydrocarbons** | | | | | |
| TPH-diesel | 6.6E-04 | 5.8E-01 | 1.6E-01 | 1.1E-01 | 8.5E-01 |
| TPH-gasoline | 1.9E-04 | 2.3E-01 | 5.1E-02 | 3.5E-02 | 3.2E-01 |
| TPH-motor oil | 5.3E-04 | NV | 3.8E-02 | 2.6E-02 | 6.5E-02 |
| **Metals** | | | | | |
| Antimony | 1.5E-02 | NV | 2.0E-02 | 1.4E-01 | 1.7E-01 |
| Arsenic | 8.7E-02 | NV | 2.0E+00 | 4.6E+00 | 6.7E+00 |
| Barium | 7.9E-02 | NV | 3.6E-04 | 2.4E-03 | 8.2E-02 |
| Cadmium | 1.0E-02 | NV | 1.9E-05 | 1.3E-03 | 1.2E-02 |
| Chromium (total) | 5.9E-01 | NV | 4.3E-05 | 2.9E-04 | 5.9E-01 |
| Chromium VI | 1.7E-01 | NV | NA | 6.9E-02 | 2.4E-01 |
| Cobalt | 3.5E-01 | NV | 1.3E-02 | 8.6E-02 | 4.4E-01 |
| Copper | 1.1E-04 | NV | 7.6E-04 | 5.2E-03 | 6.1E-03 |
| Lead | na | na | na | na | na |
| Mercury (inorganic) | 1.6E-03 | NV | 5.4E-04 | 3.7E-03 | 5.8E-03 |
| Molybdenum | 2.2E-05 | NV | 1.6E-04 | 1.1E-03 | 1.2E-03 |
| Nickel | 2.7E-01 | NV | 6.3E-04 | 4.3E-03 | 2.8E-01 |
| Silver | 3.5E-06 | NV | 2.5E-05 | 1.7E-04 | 2.0E-04 |
| Zinc | 3.6E-05 | NV | 2.6E-04 | 1.8E-03 | 2.1E-03 |

**TABLE 11B**
**ESTIMATED NONCANCER HQS/HIS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS): CONSTRUCTION WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | On-Site Construction Worker | | | | |
|---|---|---|---|---|---|
| | Soil Pathway | | | | |
| | Particulate Inhalation | Vapor Inhalation | Dermal Contact | Ingestion | Total Hazard Index |
| **Polychlorinated Biphenyls** | | | | | |
| Aroclor-1242 (PCB-1242) | 3.1E-02 | 5.2E-02 | 3.4E+00 | 1.6E+00 | 5.0E+00 |
| Aroclor-1248 (PCB-1248) | 2.9E-03 | 4.5E-03 | 3.1E-01 | 1.4E-01 | 4.6E-01 |
| Aroclor-1254 (PCB-1254) | 2.9E-03 | 3.4E-03 | 3.2E-01 | 1.5E-01 | 4.7E-01 |
| Aroclor-1260 (PCB-1260) | 1.9E-03 | 1.4E-03 | 2.0E-01 | 9.2E-02 | 3.0E-01 |
| Aroclor-1262 (PCB-1262) | 1.7E-03 | NV | 1.8E-01 | 8.2E-02 | 2.6E-01 |
| Aroclor-1268 (PCB-1268) | 7.4E-04 | NV | 8.1E-02 | 3.7E-02 | 1.2E-01 |
| **Total Hazard Index** | **1.7E+00** | **9.4E-01** | **6.8E+00** | **7.2E+00** | **17** |

| Risk Drivers | Primary Target Organ |
|---|---|
| TPH-diesel | General Toxicity, Nervous System, Respiratory, Kidney |
| Arsenic | Nervous System, Respiratory, Cardiovascular, Skin, Reproductive |
| Chromium (Total) | General Toxicity |
| Aroclor-1242 (PCB-1242) | Skin, Ocular, Immune System |

| Target Organ-Specific HI | |
|---|---|
| General Toxicity | 1 |
| Nervous System | 8 |
| Respiratory | 8 |
| Kidney | 0.9 |
| Cardio-vascular | 7 |
| Skin | 12 |
| Reproductive | 7 |
| Ocular | 5 |
| Immune System | 5 |

**Abbreviations:**
bgs = Below ground surface
NA = Not applicable. No dermal absorption factor available for Chromium VI.

na = Not applicable. Potential exposure to lead is evaluated using a health-based screening level derived using United States Environmental Protection Agency's (USEPA) Adult Lead Methodology (ALM). Please see Section 5.2 of the human health risk assessment for discussion.
NC = Not calculated
NV = Not volatile

**TABLE 12A**

**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQS/HIS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR: HYPOTHETICAL FUTURE ON-SITE NON-INTRUSIVE WORKERS - AF OF 0.0005**

ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|
| HP-4 | 5 | HP-4 | 9/25/2020 | **6E-05** | 4E-01 |
| HP-4 | 5 | HP-4 | 3/28/2023 | **2E-05** | 2E-01 |
| HP-4 | 15 | HP-4 | 9/25/2020 | **3E-06** | 2E-02 |
| HP-4 | 15 | HP-4 | 3/28/2023 | 7E-07 | 1E-02 |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1E-07 | 4E-03 |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1E-07 | 2E-03 |
| HP-6 | 15 | HP-6 | 3/20/2023 | 2E-07 | 2E-02 |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1E-07 | 2E-03 |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1E-07 | 2E-03 |
| HP-8 | 15 | HP-8 | 3/20/2023 | 2E-07 | 1E-02 |
| HP-9 | 5 | HP-9 | 3/20/2023 | **3E-06** | 6E-02 |
| HP-9 | 15 | HP-9 | 3/20/2023 | **1E-05** | 3E-01 |
| HP-10 | 5 | HP-10 | 3/20/2023 | 3E-07 | 6E-03 |
| HP-10 | 15 | HP-10 | 3/20/2023 | 5E-07 | 1E-02 |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1E-07 | 3E-03 |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1E-07 | 3E-03 |
| HP-12 | 5 | HP-12 | 3/28/2023 | 2E-07 | 4E-03 |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1E-07 | 3E-03 |
| HP-13 | 5 | HP-13 | 3/28/2023 | 6E-07 | 1E-02 |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1E-07 | 3E-03 |
| HP-14 | 15 | HP-14 | 3/20/2023 | 3E-07 | 8E-03 |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1E-07 | 2E-03 |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1E-07 | 2E-03 |
| LV-3 | 10 | LV-3 | 3/28/2023 | 4E-07 | 4E-02 |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1E-06 | 2E-01 |
| LV-4 | 14 | LV-4 | 6/28/2021 | **5E-06** | 7E-01 |
| LV-8 | 5 | LV-8 | 6/28/2021 | **7E-06** | 4E-02 |
| LV-8 | 15 | LV-8 | 6/28/2021 | **9E-06** | 2E-01 |
| LV-10 | 6 | LV-10 | 6/28/2021 | **2E-06** | 3E-02 |
| LV-10 | 15 | LV-10 | 6/28/2021 | 7E-07 | 3E-02 |
| SB-2 | 5 | SB-2 | 8/22/2020 | 3E-08 | 3E-03 |
| SB-2 | 15 | SB-2 | 8/22/2020 | 9E-08 | 4E-03 |
| SB-5 | 5 | SB-5 | 8/21/2020 | 1E-07 | 1E-02 |
| SB-5 | 15 | SB-5 | 8/21/2020 | 2E-07 | 3E-02 |
| SB-8 | 5 | SB-8 | 8/22/2020 | 1E-07 | 2E-02 |
| SB-8 | 15 | SB-8 | 8/22/2020 | 4E-07 | 9E-02 |
| SB-9 | 5 | SB-9 | 8/21/2020 | 7E-08 | 1E-02 |
| SB-9 | 15 | SB-9 | 8/21/2020 | 1E-07 | 2E-02 |

**TABLE 12A**

**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR: HYPOTHETICAL FUTURE ON-SITE NON-INTRUSIVE WORKERS - AF OF 0.0005**

ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|
| SB-10 | 5 | SB-10 | 8/22/2020 | 5E-07 | 8E-02 |
| SB-10 | 15 | SB-10 | 8/22/2020 | 1E-06 | 2E-01 |
| SB-13 | 5 | SB-13 | 8/22/2020 | 3E-07 | 9E-02 |
| SB-13 | 15 | SB-13 | 8/22/2020 | 4E-07 | 1E-01 |
| SB-14 | 5 | SB-14 | 8/22/2020 | 4E-07 | 5E-02 |
| SB-14 | 15 | SB-14 | 8/22/2020 | 7E-07 | 2E-01 |
| SB-15 | 5 | SB-15 | 8/22/2020 | 1E-07 | 6E-03 |
| SB-15 | 15 | SB-15 | 8/22/2020 | 9E-08 | 9E-03 |
| SB-16 | 5 | SB-16 | 8/22/2020 | 5E-07 | 6E-02 |
| SB-16 | 15 | SB-16 | 8/22/2020 | 6E-07 | 1E-01 |
| SB-17 | 5 | SB-17 | 8/22/2020 | **3E-06** | 2E-01 |
| SB-17 | 15 | SB-17 | 8/22/2020 | 3E-07 | 2E-02 |
| SB-18 | 5 | SB-18 | 8/22/2020 | **3E-06** | 2E-01 |
| SB-18 | 15 | SB-18 | 8/22/2020 | 1E-06 | 4E-01 |
| SB-20 | 5 | SB-20 | 8/21/2020 | 4E-07 | 4E-02 |
| SB-20 | 15 | SB-20 | 8/21/2020 | 3E-07 | 2E-02 |
| SB-21 | 5 | SB-21 | 8/22/2020 | **1E-04** | 1E+00 |
| SB-21 | 15 | SB-21 | 8/22/2020 | **4E-06** | 5E-02 |
| SB-22 | 5 | SB-22 | 8/22/2020 | 3E-07 | 2E-02 |
| SB-22 | 15 | SB-22 | 8/22/2020 | 6E-07 | 1E-01 |
| SB-23 | 5 | SB-23 | 8/22/2020 | 8E-08 | 3E-03 |
| SB-23 | 15 | SB-23 | 8/22/2020 | 3E-07 | 3E-02 |
| SB-24 | 5 | SB-24 | 8/21/2020 | 2E-07 | 4E-03 |
| SB-24 | 15 | SB-24 | 8/21/2020 | 3E-07 | 1E-02 |
| SB-25 | 5 | SB-25 | 8/21/2020 | 5E-08 | 2E-03 |
| SB-25 | 15 | SB-25 | 8/21/2020 | 2E-07 | 7E-03 |

**TABLE 12A**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR: HYPOTHETICAL FUTURE ON-SITE NON-INTRUSIVE WORKERS - AF OF 0.0005**

ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Abbreviations:**

bgs = below ground surface

HI = hazard index

ILECR = incremental lifetime excess cancer risk

**Notes:**

[a] ILECRs and HIs calculated using default attenuation factors published by the California Environmental Protection Agency Department of Toxic Substances Control (DTSC). Specifically, the DTSC-recommended value of 0.0005 for commercial buildings (DTSC, 2011) was used for the scenario evaluated (future on-Site non-intrusive workers).

**References:**

DTSC. 2011. Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance). October.

**TABLE 12B**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQS/HIS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR: HYPOTHETICAL FUTURE ON-SITE NON-INTRUSIVE WORKERS - AF OF 0.03**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|
| HP-4 | 5 | HP-4 | 9/25/2020 | **4E-03** | **2E+01** |
| HP-4 | 5 | HP-4 | 3/28/2023 | **1E-03** | **1E+01** |
| HP-4 | 15 | HP-4 | 9/25/2020 | **2E-04** | 1E+00 |
| HP-4 | 15 | HP-4 | 3/28/2023 | **4E-05** | 9E-01 |
| HP-5 | 5 | HP-5 | 3/28/2023 | **8E-06** | 3E-01 |
| HP-6 | 5 | HP-6 | 3/20/2023 | **6E-06** | 1E-01 |
| HP-6 | 15 | HP-6 | 3/20/2023 | **1E-05** | 1E+00 |
| HP-7 | 5 | HP-7 | 3/20/2023 | **6E-06** | 1E-01 |
| HP-8 | 5 | HP-8 | 3/20/2023 | **7E-06** | 1E-01 |
| HP-8 | 15 | HP-8 | 3/20/2023 | **1E-05** | 6E-01 |
| HP-9 | 5 | HP-9 | 3/20/2023 | **2E-04** | **4E+00** |
| HP-9 | 15 | HP-9 | 3/20/2023 | **9E-04** | **2E+01** |
| HP-10 | 5 | HP-10 | 3/20/2023 | **2E-05** | 4E-01 |
| HP-10 | 15 | HP-10 | 3/20/2023 | **3E-05** | 9E-01 |
| HP-11 | 5 | HP-11 | 3/20/2023 | **7E-06** | 2E-01 |
| HP-11 | 15 | HP-11 | 3/20/2023 | **8E-06** | 2E-01 |
| HP-12 | 5 | HP-12 | 3/28/2023 | **1E-05** | 2E-01 |
| HP-12 | 15 | HP-12 | 3/28/2023 | **8E-06** | 2E-01 |
| HP-13 | 5 | HP-13 | 3/28/2023 | **3E-05** | 7E-01 |
| HP-14 | 5 | HP-14 | 3/20/2023 | **9E-06** | 2E-01 |
| HP-14 | 15 | HP-14 | 3/20/2023 | **2E-05** | 5E-01 |
| HP-15 | 5 | HP-15 | 3/20/2023 | **6E-06** | 1E-01 |
| HP-15 | 15 | HP-15 | 3/20/2023 | **6E-06** | 1E-01 |
| LV-3 | 10 | LV-3 | 3/28/2023 | **3E-05** | **2E+00** |
| LV-4 | 5 | LV-4 | 6/28/2021 | **6E-05** | **1E+01** |
| LV-4 | 14 | LV-4 | 6/28/2021 | **3E-04** | **4E+01** |
| LV-8 | 5 | LV-8 | 6/28/2021 | **4E-04** | **2E+00** |
| LV-8 | 15 | LV-8 | 6/28/2021 | **5E-04** | **1E+01** |
| LV-10 | 6 | LV-10 | 6/28/2021 | **1E-04** | **2E+00** |
| LV-10 | 15 | LV-10 | 6/28/2021 | **4E-05** | **2E+00** |
| SB-2 | 5 | SB-2 | 8/22/2020 | **2E-06** | 2E-01 |
| SB-2 | 15 | SB-2 | 8/22/2020 | **5E-06** | 3E-01 |
| SB-5 | 5 | SB-5 | 8/21/2020 | **8E-06** | 7E-01 |
| SB-5 | 15 | SB-5 | 8/21/2020 | **1E-05** | **2E+00** |
| SB-8 | 5 | SB-8 | 8/22/2020 | **7E-06** | 1E+00 |
| SB-8 | 15 | SB-8 | 8/22/2020 | **3E-05** | **5E+00** |
| SB-9 | 5 | SB-9 | 8/21/2020 | **4E-06** | 7E-01 |
| SB-9 | 15 | SB-9 | 8/21/2020 | **6E-06** | 1E+00 |

**TABLE 12B**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR: HYPOTHETICAL FUTURE ON-SITE NON-INTRUSIVE WORKERS - AF OF 0.03**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|
| SB-10 | 5 | SB-10 | 8/22/2020 | **3E-05** | **5E+00** |
| SB-10 | 15 | SB-10 | 8/22/2020 | **9E-05** | **1E+01** |
| SB-13 | 5 | SB-13 | 8/22/2020 | **2E-05** | **5E+00** |
| SB-13 | 15 | SB-13 | 8/22/2020 | **2E-05** | **9E+00** |
| SB-14 | 5 | SB-14 | 8/22/2020 | **2E-05** | **3E+00** |
| SB-14 | 15 | SB-14 | 8/22/2020 | **4E-05** | **1E+01** |
| SB-15 | 5 | SB-15 | 8/22/2020 | **8E-06** | 4E-01 |
| SB-15 | 15 | SB-15 | 8/22/2020 | **5E-06** | 5E-01 |
| SB-16 | 5 | SB-16 | 8/22/2020 | **3E-05** | **4E+00** |
| SB-16 | 15 | SB-16 | 8/22/2020 | **4E-05** | **9E+00** |
| SB-17 | 5 | SB-17 | 8/22/2020 | **2E-04** | **1E+01** |
| SB-17 | 15 | SB-17 | 8/22/2020 | **2E-05** | 1E+00 |
| SB-18 | 5 | SB-18 | 8/22/2020 | **2E-04** | **1E+01** |
| SB-18 | 15 | SB-18 | 8/22/2020 | **8E-05** | **2E+01** |
| SB-20 | 5 | SB-20 | 8/21/2020 | **2E-05** | **2E+00** |
| SB-20 | 15 | SB-20 | 8/21/2020 | **2E-05** | 1E+00 |
| SB-21 | 5 | SB-21 | 8/22/2020 | **7E-03** | **6E+01** |
| SB-21 | 15 | SB-21 | 8/22/2020 | **3E-04** | **3E+00** |
| SB-22 | 5 | SB-22 | 8/22/2020 | **2E-05** | **1E+00** |
| SB-22 | 15 | SB-22 | 8/22/2020 | **4E-05** | **7E+00** |
| SB-23 | 5 | SB-23 | 8/22/2020 | **5E-06** | 2E-01 |
| SB-23 | 15 | SB-23 | 8/22/2020 | **2E-05** | **2E+00** |
| SB-24 | 5 | SB-24 | 8/21/2020 | **1E-05** | 2E-01 |
| SB-24 | 15 | SB-24 | 8/21/2020 | **2E-05** | 6E-01 |
| SB-25 | 5 | SB-25 | 8/21/2020 | **3E-06** | 9E-02 |
| SB-25 | 15 | SB-25 | 8/21/2020 | **1E-05** | 4E-01 |

**TABLE 12B**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR: HYPOTHETICAL FUTURE ON-SITE NON-INTRUSIVE WORKERS - AF OF 0.03**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Abbreviations:**

bgs = below ground surface

HI = hazard index

ILECR = incremental lifetime excess cancer risk

**Notes:**

[a] ILECRs and HIs calculated using default attenuation factors published by the United States Environmental Protection Agency (USEPA, 2015) and the California Environmental Protection Agency Department of Toxic Substances Control and State Water Resources Control Board (DTSC and SWRCB, 2023). Specifically, the USEPA-derived value of 0.03 for chlorinated volatile organic compounds (VOCs) and residential buildings (USEPA, 2015) was used for the scenario evaluated (future on-Site non-intrusive workers).

**References:**

DTSC and SWRCB. 2023. Supplemental Guidance: Screening and Evaluating Vapor Intrusion. Final Draft. February.

USEPA, 2015. OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. Office of Solid Waste and Emergency Response. June.

**TABLE 13**
**SOIL RISK-BASED SCREENING CONCENTRATIONS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | Hypothetical Future On-Site Non-Intrusive Worker | | Hypothetical Future On-Site Construction Worker | |
|---|---|---|---|---|
| | Ambient- or Cancer Risk-Based Screening Concentrations (mg/kg) [a] | Noncancer Hazard Risk-Based Screening Concentrations (mg/kg) [b] | Cancer Risk-Based Screening Concentrations (mg/kg) [a] | Noncancer Hazard Risk-Based Screening Concentrations (mg/kg) [b] |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | -- | SC(7,100) | -- | SC(7,100) |
| 1,1,2,2-Tetrachloroethane | 2.2 | SC(3,500) | 31.00 | 1,900.00 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | -- | SC(28,000) | -- | SC(28,000) |
| 1,1-Dichloroethane (1,1-DCA) | 15 | SC(6,800) | 330.00 | SC(5,900) |
| 1,1-Dichloroethene (1,1-DCE) | -- | 350.00 | -- | 340.00 |
| 1,2,3-Trichlorobenzene | NC | SC(220) | NC | 91 |
| 1,2,4-Trichlorobenzene | 25 | 250 | 270 | 220 |
| 1,2,4-Trimethylbenzene | NC | SC(1,500) | NC | SC(850) |
| 1,2-Dichlorobenzene | -- | SC(8,400) | -- | SC(5,700) |
| 1,2-Dichloroethane | 1.9 | 130.00 | 36.00 | 120.00 |
| 1,2-Dichloropropane | 4.1 | 66.00 | 82.00 | 66.00 |
| 1,3,5-Trimethylbenzene | NC | SC(1,300) | NC | SC(790) |
| 1,3-Dichlorobenzene | NC | SC(4,800) | NC | SC(2,700) |
| 1,4-Dichlorobenzene | 11 | SC(18,000) | SC(250) | SC(7,900) |
| 2-Butanone (Methyl Ethyl Ketone) | -- | SC(140,000) | -- | SC(65,000) |
| 4-Methyl-2-pentanone (Methyl Isobutyl Ketone) | -- | SC(32,000) | -- | SC(11,000) |
| Acetone | NC | SC(150,000) | NC | 81000 |
| Benzene | 1.3 | 45 | 27.0 | 43.0 |
| Carbon disulfide | NC | SC(3,300) | NC | SC(2,900) |
| Chlorobenzene | NC | SC(1,200) | NC | SC(950) |
| Chloroethane (Ethyl Chloride) | -- | SC(55,000) | -- | SC(54,000) |
| Chloromethane (Methyl Chloride) | -- | 440.00 | -- | 410.00 |
| cis-1,2-Dichloroethene | -- | 80.00 | -- | 68.00 |
| Isopropylbenzene (Cumene) | NC | SC(9,000) | NC | SC(6,200) |
| p-Isopropyltoluene (Cymene) | NC | SC(19,000) | NC | SC(9,600) |
| Ethanol | NC | 26,000 | NC | 24000 |
| Ethylbenzene | 23 | SC(17,000) | 400 | SC(9,100) |
| Bromomethane (Methyl Bromide) | -- | 29.00 | -- | 27.00 |
| Methyl tertiary butyl ether (MTBE) | 180 | SC(60,000) | 2,900.00 | SC(53,000) |
| Methylene chloride | 26 | 1,700.00 | 600.00 | 710.00 |
| Naphthalene | 6.1 | SC(560) | 56.00 | SC(470) |
| n-Butylbenzene | NC | SC(5,600) | NC | SC(3,600) |
| n-Propylbenzene | NC | SC(19,000) | NC | SC(9,800) |
| sec-Butylbenzene | NC | SC(10,000) | NC | SC(6,800) |
| Styrene | NC | SC(27,000) | NC | SC(16,000) |
| tert-Butyl alcohol | 3,000 | SC(160,000) | 20,000.00 | 53,000.00 |
| tert-Butylbenzene | -- | SC(10,000) | -- | SC(6,800) |
| Tetrachloroethene (PCE) | 1.7 | SC(360) | 16.0 | SC(280) |
| Toluene | NC | SC(6,600) | NC | SC(4,700) |
| trans-1,2-Dichloroethene | -- | 570.00 | -- | 510.00 |
| Trichloroethene | 5.4 | 18.00 | 95.00 | 15.00 |
| Trichlorofluoromethane (Freon 11) | -- | SC(5,200) | -- | SC(4,900) |
| Vinyl chloride | 0.14 | 330.00 | 3.0 | 210.00 |
| Xylenes | NC | SC(2,400) | NC | SC(2,300) |
| **Polycyclic Aromatic Hydrocarbons** | | | | |
| 1-Methylnaphthalene | 29 | SC(21,000) | 240 | SC(7,000) |
| 2-Methylnaphthalene | NC | SC(1,200) | NC | SC(400) |
| Acenaphthene | NC | SC(21,000) | NC | SC(6,300) |
| Anthracene | NC | SC(120,000) | NC | SC(33,000) |
| Benzo(a)anthracene | SC(11) | SC(12,000) | SC(75) | SC(3,300) |
| Benzo(a)pyrene | 1.2 | SC(120) | SC(8) | SC(7) |
| Benzo(b)fluoranthene | SC(12) | SC(12,000) | SC(75) | SC(3,300) |
| Benzo(g,h,i)perylene | NC | SC(12,000) | NC | SC(3,300) |
| Benzo(k)fluoranthene | SC(120) | SC(12,000) | SC(610) | SC(3,300) |
| Chrysene | SC(1,200) | SC(12,000) | SC(6,100) | SC(3,300) |

**TABLE 13**
**SOIL RISK-BASED SCREENING CONCENTRATIONS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | Hypothetical Future On-Site Non-Intrusive Worker | | Hypothetical Future On-Site Construction Worker | |
|---|---|---|---|---|
| | Ambient- or Cancer Risk-Based Screening Concentrations (mg/kg) [a] | Noncancer Hazard Risk-Based Screening Concentrations (mg/kg) [b] | Cancer Risk-Based Screening Concentrations (mg/kg) [a] | Noncancer Hazard Risk-Based Screening Concentrations (mg/kg) [b] |
| Dibenz(a,h)anthracene | 0.3 | SC(120) | 1.9 | 6.9 |
| Fluoranthene | NC | SC(17,000) | NC | SC(4,400) |
| Fluorene | NC | SC(15,000) | NC | SC(4,300) |
| Indeno(1,2,3-cd)pyrene | SC(12) | SC(12,000) | SC(75) | SC(3,300) |
| Phenanthrene | NC | SC(120,000) | NC | SC(33,000) |
| Pyrene | NC | SC(12,000) | NC | SC(3,300) |
| **Total Petroleum Hydrocarbons** | | | | |
| TPH-diesel | NC | SC(1,100) | NC | SC(890) |
| TPH-gasoline | -- | 1,900.00 | -- | 1,500.00 |
| TPH-motor oil | NC | 79,000 | NC | 21000 |
| **Metals** | | | | |
| Antimony | -- | 420.00 | -- | 110.00 |
| Arsenic | BG (11) | BG (11) | BG (11) | BG (11) |
| Barium | NC | SC(190,000) | NC | 2100 |
| Cadmium | 4,000 | 1,100 | 73 | 39 |
| Chromium (total) | NC | SC(290,000) | NC | 260 |
| Chromium VI | 6 | 3,500.0 | 2 | 310 |
| Cobalt | 1,900 | 310 | 34 | 20 |
| Copper | -- | 42,000.00 | -- | 12,000.00 |
| Lead [c] | NC | -- | NC | -- |
| Mercury (inorganic) | NC | 320 | NC | 160.00 |
| Molybdenum | -- | 5,200.00 | -- | 1,500.00 |
| Nickel | 64,000 | 10,000.00 | 1,200.00 | 60 |
| Silver | NC | 5,200 | NC | 1,500 |
| Zinc | -- | SC(310,000) | -- | 91,000.00 |
| **Polychlorinated Biphenyls** | | | | |
| Aroclor-1242 (PCB-1242) | 0.56 | 8.0 | 3.8 | 2.2 |
| Aroclor-1248 (PCB-1248) | 0.56 | 8.0 | 3.8 | 2.2 |
| Aroclor-1254 (PCB-1254) | 0.56 | 8.1 | 3.8 | 2.2 |
| Aroclor-1260 (PCB-1260) | 0.57 | 8.2 | 3.8 | 2.2 |
| Aroclor-1262 (PCB-1262) | 0.58 | 8.3 | 3.9 | 2.2 |
| Aroclor-1268 (PCB-1268) | 0.58 | 8.3 | 3.9 | 2.2 |

**TABLE 13**
**SOIL RISK-BASED SCREENING CONCENTRATIONS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Notes:**

BG () = The value indicated in parentheses corresponds to the background values (BG) of 11 mg/kg for arsenic. The cancer and/or noncancer risk-based screening concentrations (RBSCs) presented the following table for the hypothetical future on-Site non-intrusive worker and hypothetical future construction worker are below the BG concentrations for arsenic where shown. Units are in mg/kg.

| | Hypothetical Future On-Site Worker | | | |
|---|---|---|---|---|
| | Non-Intrusive | | Construction | |
| COPC | Cancer | Noncancer | Cancer | Noncancer |
| Arsenic | 0.25 | 3.0 | 1.8 | 0.85 |

mg/kg = Milligrams per kilogram

NC = Not considered a carcinogen

NA = Not applicable. Potential carcinogenic polyaromatic hydrcarbons (CPAHs; benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-c,d)pyrene) are evaluated using benzo(a)pyrene equivalents. Potential noncarcinogenic effects of the CPAHs are evaluated for each of the CPAHs individually, not using benzo(a)pyrene equivalents.

SC() = The risk-based screening concentrations (RBSCs) indicated in parentheses represent an RBSC that is greater than the theoretical soil saturation limit for that compound or the theoretical ceiling limit of 100,000 mg/kg (United States Environmental Protection Agency [USEPA], 2018). The theoretical soil saturation limit is the contaminant concentration in soil at which the absorptive limits of the soil particles, the solubility limits of the soil pore water, and saturation of soil pore air have been reached. Calculated soil saturation limits are presented in Table 6. The theoretical ceiling limit of 100,000 mg/kg is equivalent to a chemical representing 10 percent by weight of the soil sample. At this contaminant concentration (and higher), the assumptions for soil contact may be violated (for example, soil adherence and wind-borne dispersion assumptions) due to the presence of the foreign substance itself.

[a] Cancer RBSCs correspond to a target incremental lifetime excees cancer risk (ILECR) of 1×10-6. RBSCs corresponding to target ILECRs of 10-5 and 10-4 would be 10 times and 100 times higher, respectively, than the RBSCs presented in this table.

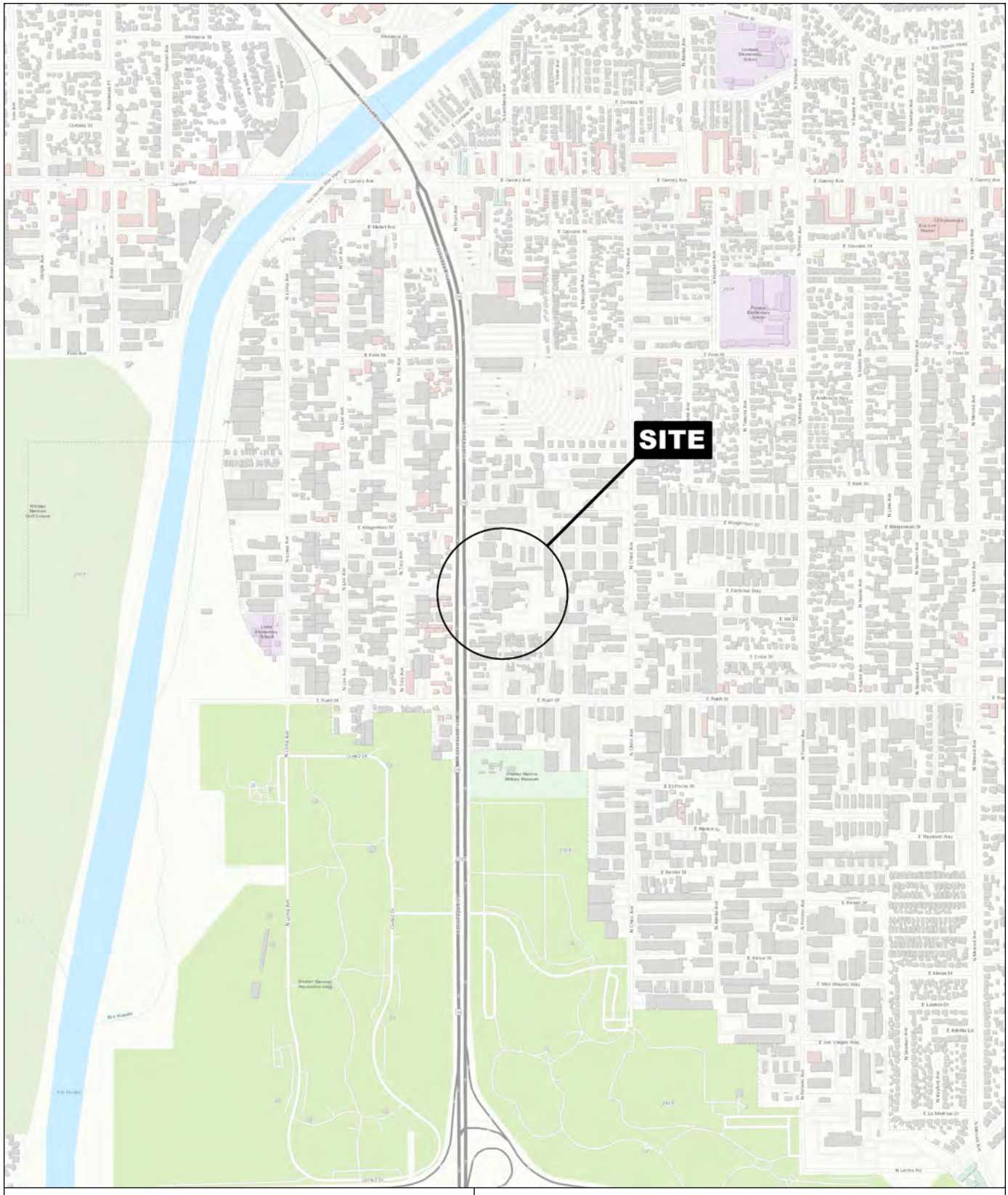
[b] Noncancer hazard RBSCs correspond to a target chemical-specific hazard quotient (HQ) of 1.

[c] RBSCs presented for lead are the health-based screening levels used to evaluate potential exposures and increases in blood lead levels for: a) the fetus of hypothetical future on-Site non-intrusive workers and construction workers (500 mg/kg), as described in Section 4.3.

**References:**

United States Environmental Protection Agency (USEPA). 2023. Regional Screening Levels (RSLs) - User's Guide. November. Available at: https://www.epa.gov/risk/regional-screening-levels-rsls-users-guide.

# FIGURES




SITE COORDINATES: 34°03'14"N, 118°03'47"W

MAP SOURCE: USGS

HALEY ALDRICH

ROSEMEAD HOLDING LLC
2200-2226 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CALIFORNIA

# PROJECT LOCUS

APPROXIMATE SCALE: 1 INCH = 1,000 FEET
APRIL 2024

FIGURE 1

0209476_002_LOCUS HALEYALDRICH\MASA

**LEGEND**

- SOIL BORING
- SOIL VAPOR LOCATION
- APPROXIMATE SITE BOUNDARY

**NOTES**

1. ALL LOCATIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 9/12/23.

N

0 60 120

SCALE IN FEET

HALEY ALDRICH

ROSEMEAD HOLDING LLC
2200-2226 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA

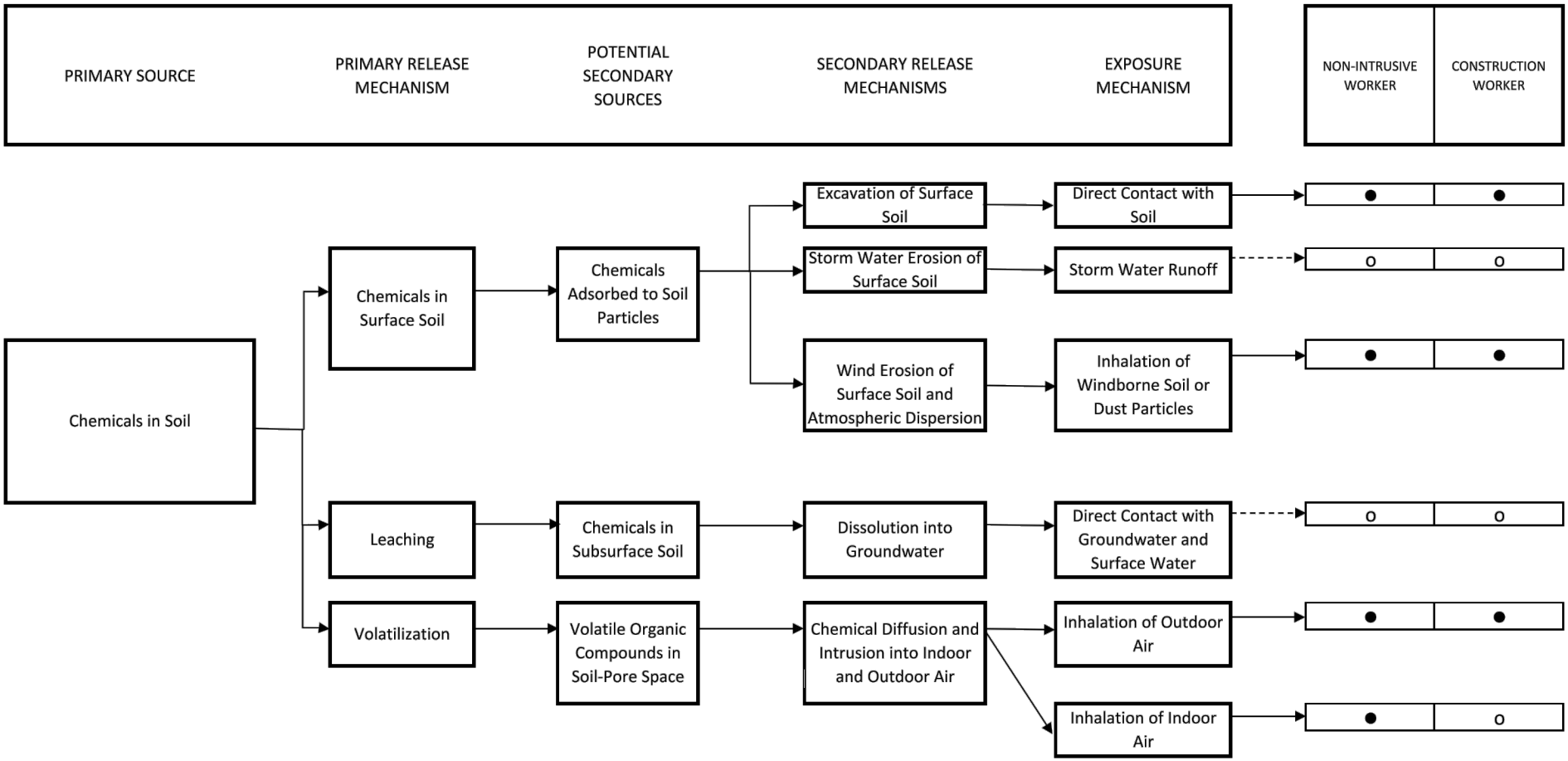
# SITE PLAN

SCALE: AS SHOWN
APRIL 2024

FIGURE 2

Printed: 2/29/2024 1:08 PM Sheet: HA-FIG-B-L-H
Saved by: MASA \\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0209476\CAD\2024-0228-HAI-SO-SV-BASEPLAN.DWG

Saved by: MASA Printed: 3/7/2024 3:12 PM Sheet: HA-FIG-A-L
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0209476\CAD\2023-0307-HAI-CONCEPTUAL-SITE-MODEL.DWG




**Legend:**

- ● Potentially complete exposure pathway for further quantitative evaluation in the HHRA.
- o Incomplete exposure pathway.

HALEY ALDRICH

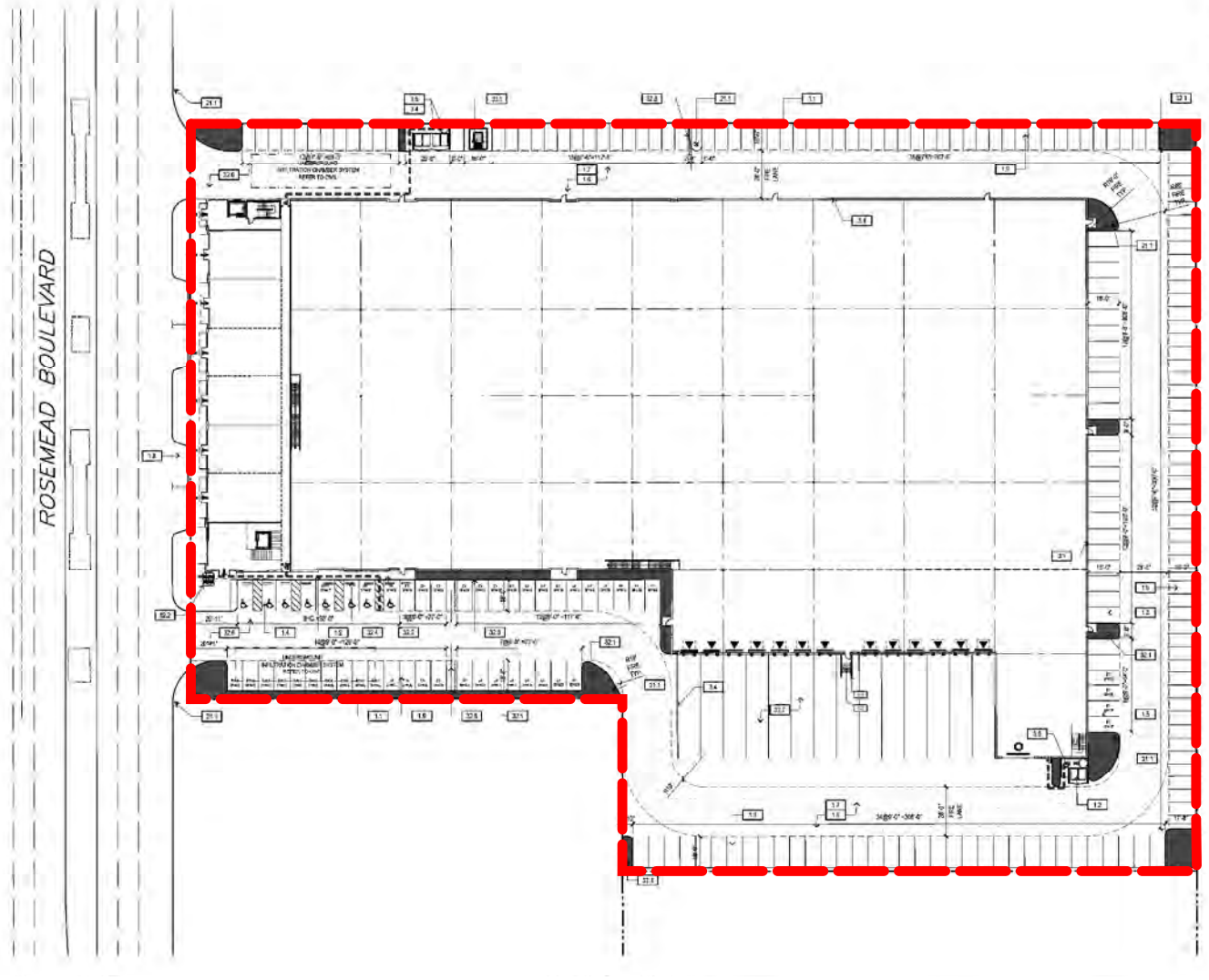
ROSEMEAD HOLDING LLC
2200-2226 N ROSEMEAD BOULEVARD
SOUTH EL MONTE, CA

# CONCEPTUAL SITE MODEL

SCALE: AS SHOWN
APRIL 2024

FIGURE 3

# APPENDIX A
# Proposed Development Plan

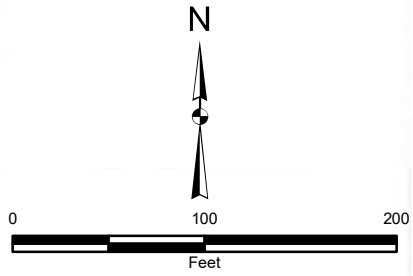



**PROJECT TABULATIONS**

| | | |
|---|---|---|
| **SITE AREA** | | |
| SF | | 223,693 |
| ACRES | | 5.14 |
| **BUILDING AREA** | | |
| Warehouse | | 112,405 |
| Retail | | 8,200 |
| Office | | 1,950 |
| **TOTAL BUILDING FOOTPRINT** | | **122,555** |
| **2ND FLOOR AND MEZZANINE** | | |
| Office | | 8,875 |
| WH Storage | | 14,445 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **23,320** |
| **3RD FLOOR** | | |
| Office | | 9,705 |
| **TOTAL 2ND FLOOR AND MEZZANINE** | | **9,705** |
| **TOTAL BUILDING AREA** | | **155,580** |
| **COVERAGE** | | **55%** |
| **FAR** | | **69%** |
| **PARKING REQUIRED** | | |
| Office | 1/300 | 67 |
| Retail | 1/300 | 27 |
| Warehouse | 1/1000 | 127 |
| **TOTAL PARKING REQUIRED*** | | **223** |
| **PARKING PROVIDED** | | |
| Full Size Stalls | 9'-0" x 18'-0" | 113 |
| Compact Stalls | 7'-6" x 16'-0" | 114 |
| Parallel Stalls | 9'-0" x 24'-0" | 4 |
| **TOTAL PARKING PROVIDED** | | **228** |
| **PARKING RATIO** | | 1.47/1000 |

| **EV PARKING** | Required | Provided |
|---|---|---|
| EV 20% of Total Required Parking | 45 | 45 |
| EVCS 5% of Total Required Parking | 11 | 11 |
| **BICYCLE PARKING** | | |
| Long Term - 5% of Tenant parking | 6 | 6 |
| Short term - 5% of Visitor parking | 4 | 4 |
| DOCK DOORS | | 13 |
| GRADE DOORS | | 1 |

| **LANDSCAPE** | % | Area (S.F.) |
|---|---|---|
| Total Parking Lot Area | | 77,900 |
| Required - 5% of Parking Lot Area | 5.00% | 3,895 |
| Total Landscape Area Provided | 6.20% | 4,832 |




| | |
|---|---|
| Project: 13111.004 | Eng/Geol: RJF |
| Scale: 1 " = 100 ' | Date: October 2022 |
| Base Map: Site Plan by Architecture Design Relationships, 10/14/2022.<br><br>Author: Leighton Geomatics (mmurphy) | |

# PROPOSED PHASE 1 SCHEMATIC FOR ROSEMEAD HOLDING LLC DEVELOPMENT ROSEMEAD HOLDING SITE

2222 North Rosemead Boulevard
South El Monte, California

**FIGURE 2**

Leighton

Map Saved as V:\Drafting\13111\004\Maps\13111-004_F02_PS-PH1_2022-10-21.mxd on 10/21/2022 5:05:34 PM

# APPENDIX B
# OEHHA Response to Comments

| OEHHA COMMENTS DATED JULY 12, 2023 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| **Chemical of Potential Concern (COPCs)**<br><br>Environmental assessments indicated the presence of metals, polychlorinated biphenyls (PCBs), petroleum hydrocarbons (TPH) , and volatile organic compounds (VOCs) in soil. COPCs are organic compounds detected in soil at concentrations above laboratory reporting limits and inorganic compounds detected at concentrations exceeding both background levels and screening levels. OEHHA does not recommend comparisons with screening levels as a basis for exclusion of chemicals as COPCs.<br><br>The only elements selected in soil as COPCs were antimony, arsenic, hexavalent chromium (Cr+6), cobalt, lead, and molybdenum. In addition to these, barium, cadmium, chromium, copper, mercury, nickel, silver, and zinc also exceeded background levels and should be evaluated as COPCs. | Comment noted. Barium, cadmium, chromium, copper, mercury, nickel, silver, and zinc along with antimony, arsenic, hexavalent chromium (Cr+6), cobalt, lead, and molybdenum shall be evaluated as soil COPCs in an updated health risk screening evaluation that will be included in an addendum to the Limited Soil Remediation Work Plan. |
| **Exposure Concentrations (EPCs)**<br><br>For arsenic and molybdenum, all Arochlors, and TPH-g, the reported 95% upper confidence limits (UCLs) are less than the mean concentrations for detects. | Comment noted. |
| **Conceptual Site Model**<br><br>Leighton evaluated soil exposure and associated risks and hazards to onsite outdoor workers and onsite construction workers. Soil gas exposure was not evaluated. | Comment noted. An evaluation of soil gas exposure will be included in an updated health risk screening evaluation that will be included in an addendum to the Limit Soil Remediation Work Plan. |

**Soil Risk Assessment**

Leighton

In their baseline soil risk assessment, Leighton used the UCL as the exposure concentration when it could be calculated, otherwise the maximum detected concentration. Exposure parameters were standard values from HHRA Note 1 (DTSC, 2019a) except that the exposure duration for the construction worker was 91 days rather than the usual 1 year, resulting in a four-fold reduction in risk. No site-specific basis for this departure from standard exposure parameters was provided. This

The calculated risk for outdoor workers exposed to contaminants in soil and dust through the ingestion, dermal, and inhalation pathways was 2E-5, exceeding the benchmark of 1E-5. The calculated risk for construction workers exposed to contaminants in soil and dust through these pathways was 1E-5, equaling the benchmark of 1E-5. The risk driver identified in soil was Cr+6. Although not widely dispersed throughout the site, Cr+6 contributed 97% and 67% of the estimated cancer risk for construction workers and outdoor workers, respectively. The hazard index (HI) for construction workers exceeded the benchmark of 1. The lead UCL was 1443 mg/kg, exceeding the DTSC screening level of 500 mg/kg.

Table 1: Leighton Risk and Hazard Estimates

| Exposure Scenarios | Estimated Risk | Estimated HI |
|---|---|---|
| Construction Worker | 1E-5 | 2 |
| Outdoor Worker | 2E-5 | 0.6 |

Table Notes: Risk estimates are presented in scientific notation. For example, a cancer risk of 1 in a million (0.000001) is written as 1E-6. HI is the estimated hazard index.

Comment noted.

OEHHA

To calculate cumulative risk and hazard for chemicals in soil, OEHHA used the equations from DTSC's Preliminary Endangerment Assessment Manual (DTSC 2015, Section 2.5). Values for exposure parameters were taken from DTSC's HERO Note 1 (DTSC 2019a) and toxicity values were from Note 10 (DTSC 2019b). This was done for all metals detected, except lead. Exposure concentrations were the UCLs. OEHHA entered the petroleum hydrocarbon data as TPH gasoline, TPH diesel, and TPH motor oil, rather than converting these values to assumed fractions. OEHHA's results differed from Leighton's results, as shown in Table 2:

Table 2: OEHHA's Partial Risk and Hazard Estimates

| Exposure Scenarios | Estimated Risk | Estimated HI |
|---|---|---|
| Construction Worker | 3.4E-6 | 6.8 |
| Outdoor Worker | 2.3E-5 | 1.9 |

Table Notes: Risk estimates are presented in scientific notation. For example, a cancer risk of 1 in a million (0.000001) is written as 1E-6. HI is the estimated hazard index. The modifier "partial" is in the title to indicate that some COPCs were omitted due to lack of statistical analysis.

OEHHA Both Leighton and OEHHA predicted construction worker risks below 1E-5 and outdoor worker risks exceeding 1E-5. Both Leighton and OEHHA predicted HIs above 1 for construction workers. OEHHA's HI for outdoor workers exceeded 1. Risk drivers were arsenic, Arochlor 1248, tetrachloroethene, and naphthalene. OEHHA did not assess the metals that were rejected as COPCs because no statistics were supplied for these metals. Risk and hazard estimates would be higher if all the metals that were detected above background were included.

| OEHHA COMMENTS DATED JULY 12, 2023 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| **Risk-based Concentrations (RBCs)**<br><br>Leighton's Table 13 lists RBCs five metals five Arochlors, and six TPH ranges plus a background-based goal for arsenic. OEHHA has the following comments:<br>• OEHHA agrees that the RBCs for antimony, cobalt, hexavalent chromium, molybdenum, and the Arochlors yield risk estimates of 1E-5 or hazard quotients (HQs) of 1 when used as EPCs in a one-at-a-time forward calculation. But see comment below regarding additivity.<br>• The TPH RBCs yield HQs ranging from 0.41 to 1200. Only the RBC for TPH aliphatic high is less than 1.<br>• The construction worker risk estimates at the RBCs meet the target of 1E-5 only because of the shorter-than-usual exposure duration. If the standard exposure duration is used the RBC for hexavalent chromium would be 21 mg/kg.<br>• The Work Plan does not state what exposure metric (e.g. UCL or maximum) will be compared to the RBCs. This should be discussed with the Water Board.<br>• Since the RBC for arsenic (10.63 mg/kg) is based on the 95th percentile of background, the 95th percentile of current and post-remedial arsenic concentrations should be the metric to be compared to the clean-up goal for comparison, not the UCL. | Comment noted for all bullets listed in comment. |

| OEHHA COMMENTS DATED JULY 12, 2023 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| • The RBCs should be applied in an additive manner, i.e., the ratios of the exposure concentrations to the respective RBCs for all carcinogens and other chemicals that may act in an additive manner should be added and the total compared to 1 (unity). An example follows:<br>o Risk index = EPCa/RBCa + EPCb/RBCb + EPCn/RBCn<br>o Risk index should be less than or equal to 1.<br>o Hazard index = EPCa/RBCa + EPCb/RBCb + EPCn/RBCn<br>o Hazard index should be less than or equal to 1.<br>• Lead is considered separately; it may be compared directly to the DTSC (2022) screening level of 500 mg/kg.<br>• Verification of post-remedial risk and hazards should be conducted in a manner similar to baseline risk assessment, i.e., the assessment should include all chemicals remaining on-site, not just those that were COPCs. Risk should be the cumulative risk from remaining concentrations of all carcinogens. The hazard index should be the combined HQs of all compounds that have the same target organ or the same mechanism of action. | |
| **Risk Management**<br>The request notes that the USEPA lead RSL for protection of groundwater is 14 mg/kg, lower than the San Francisco Bay Regional Water Quality Control Board's 320 mg/kg Environmental Screening Level (ESL, SFBRWQCB, 2019) for direct exposure to soil for protection | Comment noted. |

| OEHHA COMMENTS DATED JULY 12, 2023 | HALEY & ALDRICH, INC. RESPONSE |
|---|---|
| of human health. OEHHA defers to the Los Angeles Regional Water Quality Control Board regarding protection of groundwater. Leighton proposes to remove contaminated soil until the lead UCL concentration is 500 mg/kg or less. OEHHA agrees with this approach.<br><br>Leighton discusses risk management in Section 7.0 of Appendix B. OEHHA defers to the Los Angeles Regional Water Quality Control Board regarding risk management. | |
| **Conclusions**<br>• OEHHA cannot support Leighton's baseline risk assessment because it does not include all metals that were detected above background. Risk and hazard estimates would be higher if all the metals that were detected above background were included.<br>• RBCs will be needed for all metals detected above background. DTSC (2022) Note 3 screening levels may be used.<br>• Leighton should provide the basis for the reduced exposure duration for construction workers if this value is to be used in the verification assessment.<br>• OEHHA cannot support Leighton's RBCs for TPH.<br>• RBCs should be employed in an additive manner as noted above.<br>• Verification of post-remedial risk and hazards should include all remaining chemicals, not just those that were COPCs and should be based on cumulative risk and hazard indices. | An updated health risk screening evaluation that will be included in an addendum to the Limit Soil Remediation Work Plan and will address these comments as follows:<br>• All metals detected above background will be included as COPCs in the risk evaluation.<br>• RBCs will be developed for all metals above background.<br>• The basis for the reduced exposure duration for the construction worker will be provided.<br>• TPH will be evaluated as a mixture (i.e., TPH as gasoline, diesel, and motor oil) and RBCs will be developed for TPH as a mixture.<br>• It will be clarified that RBCs will be employed in an additive manner.<br>• It will be clarified that verification of post-remedial risk and hazards will include all remaining chemicals and will be based on cumulative risks and hazard indices. |

# APPENDIX C
# Soil and Soil Vapor Data

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 1,1,1,2-Tetrachloroethane | 1,1,1-Trichloroethane | 1,1,2,2-Tetrachloroethane | 1,1,2-Trichloroethane | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,1-Dichloropropene | 1,2,3-Trichlorobenzene | 1,2,3-Trichloropropane | 1,2,4-Trichlorobenzene | 1,2,4-Trimethylbenzene | 1,2-Dibromo-3-Chloropropane (DBCP) | 1,2-Dibromoethane (EDB) | 1,2-Dichlorobenzene | 1,2-Dichloroethane | 1,2-Dichloropropane | 1,3,5-Trimethylbenzene | 1,3-Dichlorobenzene | 1,3-Dichloropropane | 1,4-Dichlorobenzene | 2,2-Dichloropropane | 2-Butanone (MEK) | 2-Chlorotoluene | 2-Hexanone | 4-Chlorotoluene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-1 | 10 | 9/18/2020 | Primary | -- | -- | -- | -- | -- | < 0.0053 | < 0.0053 | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | < 0.11 | -- | -- | -- |
| HP-2 | 10 | 9/18/2020 | Primary | -- | -- | -- | -- | -- | < 0.0045 | < 0.0045 | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | < 0.091 | -- | -- | -- |
| HP-3 | 10 | 9/18/2020 | Primary | -- | -- | -- | -- | -- | < 0.0066 | < 0.0066 | -- | -- | -- | -- | < 0.0066 | -- | -- | -- | -- | -- | < 0.0066 | -- | -- | -- | -- | < 0.13 | -- | -- | -- |
| HP-4 | 10 | 9/18/2020 | Primary | -- | -- | -- | -- | -- | < 0.0053 | < 0.0053 | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | < 0.11 | -- | -- | -- |
| HP-5 | 5 | 3/8/2023 | Primary | < 0.00024 | < 0.00019 | < 0.00045 | < 0.00038 | < 0.00038 | < 0.00023 | < 0.00022 | < 0.00032 | < 0.00031 | < 0.00034 | < 0.00034 | < 0.00049 | < 0.0027 | < 0.00017 | < 0.00021 | < 0.00023 | < 0.00023 | < 0.00022 | < 0.00021 | < 0.00024 | < 0.00025 | < 0.00022 | **0.004 J** | < 0.00021 | < 0.0025 | < 0.0002 |
| HP-6 | 5 | 3/8/2023 | Primary | < 0.00024 | < 0.00019 | < 0.00045 | < 0.00038 | < 0.00038 | < 0.00023 | < 0.00022 | < 0.00032 | < 0.00031 | < 0.00034 | < 0.00034 | < 0.00049 | < 0.0027 | < 0.00017 | < 0.00021 | < 0.00023 | < 0.00023 | < 0.00022 | < 0.00021 | < 0.00024 | < 0.00025 | < 0.00022 | < 0.0037 | < 0.00021 | < 0.0025 | < 0.0002 |
| | 10 | 3/8/2023 | Primary | < 0.00034 | < 0.00027 | < 0.00063 | < 0.00054 | < 0.00054 | < 0.00032 | < 0.00031 | < 0.00045 | < 0.00044 | < 0.00049 | < 0.00048 | < 0.00069 | < 0.0039 | < 0.00024 | < 0.00029 | < 0.00032 | < 0.00032 | < 0.00031 | < 0.00029 | < 0.00034 | < 0.00036 | < 0.00031 | < 0.0052 | < 0.00029 | < 0.0036 | < 0.00028 |
| HP-7 | 5 | 3/8/2023 | Primary | < 0.00024 | < 0.0002 | < 0.00046 | < 0.00039 | < 0.00039 | < 0.00023 | < 0.00022 | < 0.00032 | < 0.00031 | < 0.00035 | < 0.00034 | < 0.0005 | < 0.0028 | < 0.00017 | < 0.00021 | < 0.00023 | < 0.00023 | < 0.00022 | < 0.00021 | < 0.00025 | < 0.00026 | < 0.00023 | < 0.0038 | < 0.00021 | < 0.0026 | < 0.0002 |
| HP-8 | 5 | 3/8/2023 | Primary | < 0.00024 | < 0.00019 | < 0.00044 | < 0.00038 | < 0.00038 | < 0.00023 | < 0.00022 | < 0.00032 | < 0.00031 | < 0.00034 | < 0.00033 | < 0.00049 | < 0.0027 | < 0.00017 | < 0.0002 | < 0.00022 | < 0.00022 | < 0.00022 | < 0.00021 | < 0.00024 | < 0.00025 | < 0.00022 | < 0.0037 | < 0.0002 | < 0.0025 | < 0.0002 |
| | 10 | 3/8/2023 | Primary | < 0.00029 | < 0.00023 | < 0.00055 | < 0.00047 | < 0.00046 | < 0.00028 | < 0.00027 | < 0.00039 | < 0.00038 | < 0.00042 | < 0.00041 | < 0.0006 | < 0.0034 | < 0.00021 | < 0.00025 | < 0.00028 | < 0.00028 | < 0.00027 | < 0.00025 | < 0.0003 | < 0.00031 | < 0.00027 | < 0.0045 | < 0.00025 | < 0.0031 | < 0.00024 |
| HP-9 | 5 | 3/7/2023 | Primary | < 0.00026 | < 0.00021 | < 0.00048 | < 0.00041 | < 0.00041 | < 0.00025 | < 0.00024 | < 0.00034 | < 0.00033 | < 0.00037 | < 0.00036 | < 0.00053 | < 0.003 | < 0.00018 | < 0.00022 | < 0.00024 | < 0.00024 | < 0.00024 | < 0.00022 | < 0.00026 | < 0.00027 | < 0.00024 | < 0.004 | < 0.00022 | < 0.0027 | < 0.00021 |
| | 10 | 3/7/2023 | Primary | < 0.0003 | < 0.00024 | < 0.00055 | < 0.00047 | < 0.00047 | < 0.00029 | < 0.00027 | < 0.0004 | < 0.00038 | < 0.00043 | < 0.00042 | < 0.00061 | < 0.0034 | < 0.00021 | < 0.00026 | < 0.00028 | < 0.00028 | < 0.00027 | < 0.00026 | < 0.0003 | < 0.00031 | < 0.00028 | < 0.0046 | < 0.00026 | < 0.0031 | < 0.00025 |
| HP-10 | 5 | 3/7/2023 | Primary | < 0.00024 | < 0.00019 | < 0.00045 | < 0.00038 | < 0.00038 | < 0.00023 | < 0.00022 | < 0.00032 | < 0.00031 | < 0.00034 | < 0.00034 | < 0.00049 | < 0.0027 | < 0.00017 | < 0.0002 | < 0.00023 | < 0.00023 | < 0.00022 | < 0.00021 | < 0.00024 | < 0.00025 | < 0.00022 | < 0.0037 | < 0.00021 | < 0.0025 | < 0.0002 |
| | 10 | 3/7/2023 | Primary | < 0.00034 | < 0.00027 | < 0.00063 | < 0.00054 | < 0.00054 | < 0.00032 | < 0.00031 | < 0.00045 | < 0.00044 | < 0.00049 | < 0.00048 | < 0.00069 | < 0.0039 | < 0.00024 | < 0.00029 | < 0.00032 | < 0.00032 | < 0.00031 | < 0.00029 | < 0.00034 | < 0.00036 | < 0.00031 | < 0.0052 | < 0.00029 | < 0.0036 | < 0.00028 |
| HP-11 | 5 | 3/7/2023 | Primary | < 0.00021 | < 0.00017 | < 0.00039 | < 0.00034 | < 0.00034 | < 0.0002 | < 0.00019 | < 0.00028 | < 0.00027 | < 0.0003 | < 0.0003 | < 0.00043 | < 0.0024 | < 0.00015 | < 0.00018 | < 0.0002 | < 0.0002 | < 0.00019 | < 0.00018 | < 0.00021 | < 0.00022 | < 0.0002 | **0.0048 J** | < 0.00018 | < 0.0022 | < 0.00018 |
| | 10 | 3/7/2023 | Primary | < 0.00032 | < 0.00026 | < 0.0006 | < 0.00051 | < 0.00051 | < 0.00031 | < 0.00029 | < 0.00043 | < 0.00042 | < 0.00046 | < 0.00045 | < 0.00066 | < 0.0037 | < 0.00023 | < 0.00028 | < 0.0003 | < 0.0003 | < 0.00029 | < 0.00028 | < 0.00033 | < 0.00034 | < 0.0003 | < 0.005 | < 0.00028 | < 0.0034 | < 0.00027 |
| HP-12 | 5 | 3/7/2023 | Primary | < 0.0003 | < 0.00024 | < 0.00056 | < 0.00048 | < 0.00048 | < 0.00029 | < 0.00027 | < 0.0004 | < 0.00039 | < 0.00043 | < 0.00043 | < 0.00062 | < 0.0035 | < 0.00021 | < 0.00026 | < 0.00029 | < 0.00029 | < 0.00028 | < 0.00026 | < 0.00031 | < 0.00032 | < 0.00028 | < 0.0047 | < 0.00026 | < 0.0032 | < 0.00025 |
| | 10 | 3/7/2023 | Primary | < 0.00029 | < 0.00023 | < 0.00054 | < 0.00046 | < 0.00046 | < 0.00028 | < 0.00027 | < 0.00039 | < 0.00038 | < 0.00042 | < 0.00041 | < 0.0006 | < 0.0033 | < 0.00021 | < 0.00025 | < 0.00028 | < 0.00028 | < 0.00027 | < 0.00025 | < 0.0003 | < 0.00031 | < 0.00027 | < 0.0045 | < 0.00025 | < 0.0031 | < 0.00024 |
| HP-13 | 5 | 3/7/2023 | Primary | < 0.00027 | < 0.00021 | < 0.0005 | < 0.00042 | < 0.00042 | < 0.00026 | < 0.00024 | < 0.00035 | < 0.00034 | < 0.00038 | < 0.00038 | < 0.00055 | < 0.003 | < 0.00019 | < 0.00023 | < 0.00025 | < 0.00025 | < 0.00024 | < 0.00023 | < 0.00027 | < 0.00028 | < 0.00025 | < 0.0041 | < 0.00023 | < 0.0028 | < 0.00022 |
| | 10 | 3/7/2023 | Primary | < 0.00028 | < 0.00023 | < 0.00053 | < 0.00045 | < 0.00045 | **0.0003 J** | < 0.00026 | < 0.00038 | < 0.00037 | < 0.00041 | < 0.0004 | < 0.00058 | < 0.0032 | < 0.0002 | < 0.00024 | < 0.00027 | < 0.00027 | < 0.00026 | < 0.00025 | < 0.00029 | < 0.0003 | < 0.00026 | < 0.0044 | < 0.00025 | < 0.003 | < 0.00024 |
| HP-14 | 5 | 3/8/2023 | Primary | < 0.00024 | < 0.0002 | < 0.00046 | < 0.00039 | < 0.00039 | < 0.00024 | < 0.00022 | < 0.00033 | < 0.00032 | < 0.00035 | < 0.00035 | < 0.0005 | < 0.0028 | < 0.00017 | < 0.00021 | < 0.00023 | < 0.00023 | < 0.00022 | < 0.00021 | < 0.00025 | < 0.00026 | < 0.00023 | < 0.0038 | < 0.00021 | < 0.0026 | < 0.0002 |
| | 10 | 3/8/2023 | Primary | < 0.00031 | < 0.00025 | < 0.00058 | < 0.00049 | < 0.00049 | < 0.0003 | < 0.00028 | < 0.00041 | < 0.0004 | < 0.00044 | < 0.00043 | < 0.00064 | < 0.0035 | < 0.00022 | < 0.00027 | < 0.00029 | < 0.00029 | < 0.00028 | < 0.00027 | < 0.00031 | < 0.00032 | < 0.00029 | < 0.0048 | < 0.00027 | < 0.0033 | < 0.00026 |
| HP-15 | 5 | 3/7/2023 | Primary | < 0.00022 | < 0.00018 | < 0.00042 | < 0.00036 | < 0.00035 | < 0.00021 | < 0.0002 | < 0.0003 | < 0.00029 | < 0.00032 | < 0.00031 | **0.0036** | < 0.0026 | < 0.00016 | < 0.00019 | < 0.00021 | < 0.00021 | **0.0013 J** | < 0.00019 | < 0.00023 | < 0.00024 | < 0.00021 | **0.029** | < 0.00019 | < 0.0024 | < 0.00019 |
| | 10 | 3/7/2023 | Primary | < 0.00028 | < 0.00023 | < 0.00053 | < 0.00045 | < 0.00045 | < 0.00027 | < 0.00026 | < 0.00038 | < 0.00037 | < 0.00041 | < 0.0004 | < 0.00059 | < 0.0033 | < 0.0002 | < 0.00024 | < 0.00027 | < 0.00027 | < 0.00026 | < 0.00025 | < 0.00029 | < 0.0003 | < 0.00026 | < 0.0044 | < 0.00025 | < 0.003 | < 0.00024 |
| LDB-1 | 0.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00022 | -- | -- | < 0.0003 | -- | < 0.00032 | < 0.00047 | -- | -- | < 0.0002 | -- | -- | < 0.00021 | -- | -- | < 0.00024 | -- | -- | -- | -- | -- |
| | 2.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00024 | -- | -- | < 0.00032 | -- | < 0.00035 | < 0.00052 | -- | -- | < 0.00022 | -- | -- | < 0.00023 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- |
| | 5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00024 | -- | -- | < 0.00032 | -- | < 0.00035 | < 0.00051 | -- | -- | < 0.00021 | -- | -- | < 0.00023 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- |
| | 7.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00023 | -- | -- | < 0.00031 | -- | < 0.00034 | < 0.0005 | -- | -- | < 0.00021 | -- | -- | < 0.00022 | -- | -- | < 0.00025 | -- | -- | -- | -- | -- |
| | 10 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00025 | -- | -- | < 0.00034 | -- | < 0.00037 | < 0.00054 | -- | -- | < 0.00023 | -- | -- | < 0.00024 | -- | -- | < 0.00028 | -- | -- | -- | -- | -- |
| LDB-2/3 | 0.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00023 | -- | -- | < 0.00031 | -- | < 0.00034 | < 0.0005 | -- | -- | < 0.00021 | -- | -- | < 0.00022 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- |
| | 2.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00023 | -- | -- | < 0.00031 | -- | < 0.00034 | < 0.00049 | -- | -- | < 0.0002 | -- | -- | < 0.00022 | -- | -- | < 0.00025 | -- | -- | -- | -- | -- |
| | 5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00037 | -- | < 0.0004 | < 0.00059 | -- | -- | < 0.00025 | -- | -- | < 0.00026 | -- | -- | < 0.0003 | -- | -- | -- | -- | -- |
| | 7.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00037 | -- | < 0.00041 | < 0.00059 | -- | -- | < 0.00025 | -- | -- | < 0.00026 | -- | -- | < 0.0003 | -- | -- | -- | -- | -- |
| | 10 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00022 | -- | -- | < 0.0003 | -- | < 0.00033 | < 0.00048 | -- | -- | < 0.0002 | -- | -- | < 0.00021 | -- | -- | < 0.00024 | -- | -- | -- | -- | -- |
| LDB-4 | 0.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00024 | -- | -- | < 0.00032 | -- | < 0.00035 | < 0.00051 | -- | -- | < 0.00021 | -- | -- | < 0.00023 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- |
| | 2.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00027 | -- | -- | < 0.00037 | -- | < 0.0004 | < 0.00059 | -- | -- | < 0.00025 | -- | -- | < 0.00026 | -- | -- | < 0.0003 | -- | -- | -- | -- | -- |
| | 5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00026 | -- | -- | < 0.00035 | -- | < 0.00038 | < 0.00055 | -- | -- | < 0.00023 | -- | -- | < 0.00025 | -- | -- | < 0.00028 | -- | -- | -- | -- | -- |
| | 7.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00038 | -- | < 0.00041 | < 0.0006 | -- | -- | < 0.00025 | -- | -- | < 0.00027 | -- | -- | < 0.00031 | -- | -- | -- | -- | -- |
| | 10 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00027 | -- | -- | < 0.00036 | -- | < 0.0004 | < 0.00058 | -- | -- | < 0.00024 | -- | -- | < 0.00026 | -- | -- | < 0.0003 | -- | -- | -- | -- | -- |
| LDB-5 | 0.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.083 | -- | -- | < 0.11 | -- | **6.8** | **57** | -- | -- | **49** | -- | -- | **23** | -- | -- | **19** | -- | -- | -- | -- | -- |
| | 2.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.15 | -- | -- | **3** | -- | **87** | **230** | -- | -- | **300** | -- | -- | **76** | -- | -- | **82** | -- | -- | -- | -- | -- |
| | 5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00038 | -- | **0.0022** | < 0.00061 | -- | -- | **0.0033** | -- | -- | < 0.00027 | -- | -- | < 0.00031 | -- | -- | -- | -- | -- |
| | 7.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00025 | -- | -- | < 0.00034 | -- | < 0.00037 | < 0.00054 | -- | -- | **0.0026** | -- | -- | < 0.00024 | -- | -- | < 0.00028 | -- | -- | -- | -- | -- |
| | 10 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00029 | -- | < 0.00032 | < 0.00046 | -- | -- | < 0.00019 | -- | -- | < 0.0002 | -- | -- | < 0.00024 | -- | -- | -- | -- | -- |
| LDB-6 | 0.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | **0.11** | -- | -- | < 0.034 | -- | < 0.037 | **1.1** | -- | -- | **0.19** | -- | -- | **0.47** | -- | -- | < 0.027 | -- | -- | -- | -- | -- |
| | 2.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.012 | -- | -- | < 0.016 | -- | < 0.017 | < 0.025 | -- | -- | < 0.01 | -- | -- | < 0.011 | -- | -- | < 0.013 | -- | -- | -- | -- | -- |
| | 5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00023 | -- | -- | < 0.00031 | -- | < 0.00034 | < 0.0005 | -- | -- | < 0.00021 | -- | -- | < 0.00022 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- |
| | 7.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.0003 | -- | -- | < 0.0004 | -- | < 0.00043 | < 0.00063 | -- | -- | < 0.00026 | -- | -- | < 0.00028 | -- | -- | < 0.00032 | -- | -- | -- | -- | -- |
| | 10 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00038 | -- | < 0.00042 | < 0.00061 | -- | -- | < 0.00025 | -- | -- | < 0.00027 | -- | -- | < 0.00031 | -- | -- | -- | -- | -- |
| LDB-7 | 0.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00025 | -- | -- | < 0.00034 | -- | < 0.00037 | < 0.00054 | -- | -- | < 0.00022 | -- | -- | < 0.00024 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- |
| | 2.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00024 | -- | -- | < 0.00032 | -- | < 0.00035 | < 0.00051 | -- | -- | < 0.00021 | -- | -- | < 0.00023 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- |
| | 5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00025 | -- | -- | < 0.00033 | -- | < 0.00036 | < 0.00052 | -- | -- | < 0.00022 | -- | -- | < 0.00023 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- |
| | 7.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00027 | -- | -- | < 0.00036 | -- | < 0.00039 | < 0.00057 | -- | -- | < 0.00024 | -- | -- | < 0.00025 | -- | -- | < 0.00029 | -- | -- | -- | -- | -- |
| | 10 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00025 | -- | -- | < 0.00033 | -- | < 0.00036 | < 0.00053 | -- | -- | < 0.00022 | -- | -- | < 0.00023 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- |

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 1,1,1,2-Tetrachloroethane | 1,1,1-Trichloroethane | 1,1,2,2-Tetrachloroethane | 1,1,2-Trichloroethane | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,1-Dichloropropene | 1,2,3-Trichlorobenzene | 1,2,3-Trichloropropane | 1,2,4-Trichlorobenzene | 1,2,4-Trimethylbenzene | 1,2-Dibromo-3-Chloropropane (DBCP) | 1,2-Dibromoethane (EDB) | 1,2-Dichlorobenzene | 1,2-Dichloroethane | 1,2-Dichloropropane | 1,3,5-Trimethylbenzene | 1,3-Dichlorobenzene | 1,3-Dichloropropane | 1,4-Dichlorobenzene | 2,2-Dichloropropane | 2-Butanone (MEK) | 2-Chlorotoluene | 2-Hexanone | 4-Chlorotoluene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LDB-8 | 0.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00026 | -- | -- | < 0.00035 | -- | < 0.00038 | < 0.00056 | -- | -- | < 0.00023 | -- | -- | < 0.00025 | -- | -- | < 0.00028 | -- | -- | -- | -- | -- |
| | 2.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00026 | -- | -- | < 0.00035 | -- | < 0.00038 | < 0.00055 | -- | -- | < 0.00023 | -- | -- | < 0.00025 | -- | -- | < 0.00028 | -- | -- | -- | -- | -- |
| | 5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00022 | -- | -- | < 0.0003 | -- | < 0.00033 | < 0.00048 | -- | -- | < 0.0002 | -- | -- | < 0.00021 | -- | -- | < 0.00024 | -- | -- | -- | -- | -- |
| | 7.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.0003 | -- | -- | < 0.0004 | -- | < 0.00043 | < 0.00063 | -- | -- | < 0.00026 | -- | -- | < 0.00028 | -- | -- | < 0.00032 | -- | -- | -- | -- | -- |
| | 10 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00026 | -- | -- | < 0.00035 | -- | < 0.00038 | < 0.00055 | -- | -- | < 0.00023 | -- | -- | < 0.00025 | -- | -- | < 0.00028 | -- | -- | -- | -- | -- |
| LDB-9 | 0.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00037 | -- | < 0.0004 | < 0.00059 | -- | -- | < 0.00025 | -- | -- | < 0.00026 | -- | -- | < 0.0003 | -- | -- | -- | -- | -- |
| | 2.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00027 | -- | -- | < 0.00037 | -- | < 0.0004 | < 0.00059 | -- | -- | < 0.00024 | -- | -- | < 0.00026 | -- | -- | < 0.0003 | -- | -- | -- | -- | -- |
| | 5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00022 | -- | -- | < 0.0003 | -- | < 0.00033 | < 0.00048 | -- | -- | < 0.0002 | -- | -- | < 0.00021 | -- | -- | < 0.00025 | -- | -- | -- | -- | -- |
| | 7.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00038 | -- | < 0.00042 | < 0.00061 | -- | -- | < 0.00025 | -- | -- | < 0.00027 | -- | -- | < 0.00031 | -- | -- | -- | -- | -- |
| | 10 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00038 | -- | < 0.00041 | < 0.0006 | -- | -- | < 0.00025 | -- | -- | < 0.00027 | -- | -- | < 0.00031 | -- | -- | -- | -- | -- |
| LDB-10 | 0.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00029 | -- | -- | < 0.00038 | -- | < 0.00042 | < 0.00061 | -- | -- | < 0.00026 | -- | -- | < 0.00027 | -- | -- | < 0.00031 | -- | -- | -- | -- | -- |
| | 2.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00026 | -- | -- | < 0.00035 | -- | < 0.00038 | < 0.00056 | -- | -- | < 0.00023 | -- | -- | < 0.00025 | -- | -- | < 0.00028 | -- | -- | -- | -- | -- |
| | 5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00022 | -- | -- | < 0.00029 | -- | < 0.00032 | < 0.00047 | -- | -- | < 0.0002 | -- | -- | < 0.00021 | -- | -- | < 0.00024 | -- | -- | -- | -- | -- |
| | 7.5 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00037 | -- | < 0.00041 | < 0.00059 | -- | -- | < 0.00025 | -- | -- | < 0.00026 | -- | -- | < 0.0003 | -- | -- | -- | -- | -- |
| | 10 | 2/16/2023 | Primary | -- | -- | -- | -- | -- | < 0.00028 | -- | -- | < 0.00038 | -- | < 0.00041 | < 0.0006 | -- | -- | < 0.00025 | -- | -- | < 0.00027 | -- | -- | < 0.00031 | -- | -- | -- | -- | -- |
| LV-1 | 1 | 6/23/2021 | Primary | -- | -- | -- | -- | -- | < 0.0008 | < 0.0008 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 5 | 6/23/2021 | Primary | -- | -- | -- | -- | -- | < 0.00078 | < 0.00078 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 10 | 6/23/2021 | Primary | -- | -- | -- | -- | -- | < 0.00099 | < 0.00099 | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | < 0.02 | -- | -- | -- |
| LV-2 | 1 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.00083 | < 0.00083 | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | < 0.017 | -- | -- | -- |
| | 5 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.00091 | < 0.00091 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| | 10 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | < 0.021 | -- | -- | -- |
| LV-3 | 1 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | **0.0009** | < 0.00063 | -- | -- | -- | -- | < 0.0013 | -- | -- | -- | -- | -- | < 0.0013 | -- | -- | -- | -- | < 0.013 | -- | -- | -- |
| | 5 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | **0.001** | < 0.00083 | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | < 0.017 | -- | -- | -- |
| | 10 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.00094 | < 0.00094 | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | < 0.019 | -- | -- | -- |
| | 10 | 6/22/2021 | Duplicate | -- | -- | -- | -- | -- | < 0.0009 | < 0.0009 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| LV-4 | 1 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.00091 | < 0.00091 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| | 5 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.00093 | < 0.00093 | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | < 0.019 | -- | -- | -- |
| | 10 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.00094 | < 0.00094 | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | < 0.019 | -- | -- | -- |
| LV-5 | 1 | 6/23/2021 | Primary | -- | -- | -- | -- | -- | < 0.00084 | < 0.00084 | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | < 0.017 | -- | -- | -- |
| | 5 | 6/23/2021 | Primary | -- | -- | -- | -- | -- | < 0.00085 | < 0.00085 | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | < 0.017 | -- | -- | -- |
| | 10 | 6/23/2021 | Primary | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | < 0.02 | -- | -- | -- |
| | 10 | 6/23/2021 | Duplicate | -- | -- | -- | -- | -- | < 0.00097 | < 0.00097 | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | < 0.019 | -- | -- | -- |
| LV-6 | 1 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | < 0.021 | -- | -- | -- |
| | 5 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.0009 | < 0.0009 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| | 10 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.0008 | < 0.0008 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| LV-7 | 1 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.00082 | < 0.00082 | -- | -- | -- | -- | **0.0035** | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 5 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.00086 | < 0.00086 | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | < 0.017 | -- | -- | -- |
| | 10 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.00072 | < 0.00072 | -- | -- | -- | -- | < 0.0014 | -- | -- | -- | -- | -- | < 0.0014 | -- | -- | -- | -- | < 0.014 | -- | -- | -- |
| LV-8 | 1 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | **0.12** | < 0.04 | -- | -- | -- | -- | **0.82** | -- | -- | -- | -- | -- | < 0.081 | -- | -- | **0.045** | -- | < 0.81 | -- | -- | -- |
| | 5 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.00081 | < 0.00081 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 10 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | -- | -- | -- | -- | < 0.0022 | -- | -- | -- | -- | -- | < 0.0022 | -- | -- | -- | -- | < 0.022 | -- | -- | -- |
| LV-9 | 1 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.0007 | < 0.0007 | -- | -- | -- | -- | < 0.0014 | -- | -- | -- | -- | -- | < 0.0014 | -- | -- | -- | -- | < 0.014 | -- | -- | -- |
| | 5 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.00088 | < 0.00088 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| | 10 | 6/22/2021 | Primary | -- | -- | -- | -- | -- | < 0.00079 | < 0.00079 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 10 | 6/22/2021 | Duplicate | -- | -- | -- | -- | -- | < 0.00074 | < 0.00074 | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | < 0.015 | -- | -- | -- |
| LV-10 | 1 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | < 0.02 | -- | -- | -- |
| | 5 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00096 | < 0.00096 | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | < 0.019 | -- | -- | -- |
| | 10 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00074 | < 0.00074 | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | < 0.015 | -- | -- | -- |
| LV-11 | 1 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00073 | < 0.00073 | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | < 0.015 | -- | -- | -- |
| | 1 | 6/21/2021 | Duplicate | -- | -- | -- | -- | -- | < 0.00081 | < 0.00081 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 5 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00079 | < 0.00079 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 10 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | < 0.021 | -- | -- | -- |
| LV-12 | 1 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00062 | < 0.00062 | -- | -- | -- | -- | < 0.0012 | -- | -- | -- | -- | -- | < 0.0012 | -- | -- | -- | -- | < 0.012 | -- | -- | -- |
| | 5 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00077 | < 0.00077 | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | < 0.015 | -- | -- | -- |
| | 10 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00078 | < 0.00078 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| LV-13 | 1 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.00074 | < 0.00074 | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | **0.024** | -- | -- | -- |
| | 5 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.00088 | < 0.00088 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| | 10 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | -- | -- | -- | -- | < 0.0022 | -- | -- | -- | -- | -- | < 0.0022 | -- | -- | -- | -- | < 0.022 | -- | -- | -- |

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 1,1,1,2-Tetrachloroethane | 1,1,1-Trichloroethane | 1,1,2,2-Tetrachloroethane | 1,1,2-Trichloroethane | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,1-Dichloropropene | 1,2,3-Trichlorobenzene | 1,2,3-Trichloropropane | 1,2,4-Trichlorobenzene | 1,2,4-Trimethylbenzene | 1,2-Dibromo-3-Chloropropane (DBCP) | 1,2-Dibromoethane (EDB) | 1,2-Dichlorobenzene | 1,2-Dichloroethane | 1,2-Dichloropropane | 1,3,5-Trimethylbenzene | 1,3-Dichlorobenzene | 1,3-Dichloropropane | 1,4-Dichlorobenzene | 2,2-Dichloropropane | 2-Butanone (MEK) | 2-Chlorotoluene | 2-Hexanone | 4-Chlorotoluene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-14A | 1 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | -- | -- | -- | -- | **0.0081** | -- | -- | -- | -- | -- | **0.004** | -- | -- | -- | -- | **0.022** | -- | -- | -- |
| | 5 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.00079 | < 0.00079 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 10 | 6/18/2021 | Primary | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | < 0.021 | -- | -- | -- |
| LV-15 | 1 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00081 | < 0.00081 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 5 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.0009 | < 0.0009 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| | 10 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.0009 | < 0.0009 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| LV-16 | 1 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00076 | < 0.00076 | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | -- | < 0.0015 | -- | -- | -- | -- | < 0.015 | -- | -- | -- |
| | 5 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00038 | < 0.00038 | -- | -- | -- | -- | < 0.00075 | -- | -- | -- | -- | -- | < 0.00075 | -- | -- | -- | -- | < 0.0075 | -- | -- | -- |
| | 10 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00086 | < 0.00086 | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | -- | < 0.0017 | -- | -- | -- | -- | < 0.017 | -- | -- | -- |
| LV-17 | 1 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | -- | < 0.0021 | -- | -- | -- | -- | < 0.021 | -- | -- | -- |
| | 5 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.042 | < 0.042 | -- | -- | -- | -- | **6.9** | -- | -- | -- | -- | -- | **2.7** | -- | -- | -- | -- | < 0.83 | -- | -- | -- |
| | 10 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00089 | < 0.00089 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| LV-18 | 1 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.0009 | < 0.0009 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| | 5 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00093 | < 0.00093 | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | -- | < 0.0019 | -- | -- | -- | -- | < 0.019 | -- | -- | -- |
| | 10 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00091 | < 0.00091 | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | -- | < 0.0018 | -- | -- | -- | -- | < 0.018 | -- | -- | -- |
| | 10 | 6/21/2021 | Duplicate | -- | -- | -- | -- | -- | < 0.00064 | < 0.00064 | -- | -- | -- | -- | < 0.0013 | -- | -- | -- | -- | -- | < 0.0013 | -- | -- | -- | -- | < 0.013 | -- | -- | -- |
| LV-19 | 1 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | **0.026** | -- | -- | -- |
| | 5 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00082 | < 0.00082 | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | -- | < 0.0016 | -- | -- | -- | -- | < 0.016 | -- | -- | -- |
| | 10 | 6/21/2021 | Primary | -- | -- | -- | -- | -- | < 0.00099 | < 0.00099 | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | -- | < 0.002 | -- | -- | -- | -- | < 0.02 | -- | -- | -- |
| MW-4 | 5 | 12/27/2022 | Primary | < 0.00036 | < 0.00029 | < 0.00068 | < 0.00058 | < 0.00058 | < 0.00035 | < 0.00033 | < 0.00049 | < 0.00047 | < 0.00053 | < 0.00052 | < 0.00075 | < 0.0042 | < 0.00026 | < 0.00031 | < 0.00035 | < 0.00035 | < 0.00034 | < 0.00032 | < 0.00037 | < 0.00039 | < 0.00034 | < 0.0057 | < 0.00032 | < 0.0039 | < 0.0003 |
| | 10 | 12/27/2022 | Primary | < 0.00043 | < 0.00035 | < 0.00081 | < 0.00069 | < 0.00069 | < 0.00042 | < 0.0004 | < 0.00058 | < 0.00056 | < 0.00063 | < 0.00061 | < 0.0009 | < 0.005 | < 0.00031 | < 0.00037 | < 0.00041 | < 0.00041 | < 0.0004 | < 0.00038 | < 0.00044 | < 0.00046 | < 0.00041 | < 0.0067 | < 0.00038 | < 0.0046 | < 0.00036 |
| MW-5 | 5 | 12/28/2022 | Primary | < 0.00024 | < 0.00019 | < 0.00044 | < 0.00038 | < 0.00038 | < 0.00023 | < 0.00022 | < 0.00032 | < 0.00031 | < 0.00034 | < 0.00033 | < 0.00049 | < 0.0027 | < 0.00017 | < 0.0002 | < 0.00022 | < 0.00022 | < 0.00022 | < 0.00021 | < 0.00024 | < 0.00025 | < 0.00022 | < 0.0037 | < 0.00021 | < 0.0025 | < 0.0002 |
| | 10 | 12/28/2022 | Primary | < 0.0003 | < 0.00024 | < 0.00056 | < 0.00048 | < 0.00047 | < 0.00029 | < 0.00027 | < 0.0004 | < 0.00039 | < 0.00043 | < 0.00042 | < 0.00061 | < 0.0034 | < 0.00021 | < 0.00026 | < 0.00028 | < 0.00028 | < 0.00027 | < 0.00026 | < 0.0003 | < 0.00031 | < 0.00028 | < 0.0046 | < 0.00026 | < 0.0031 | < 0.00025 |
| MW-6 | 5 | 12/28/2022 | Primary | < 0.00023 | < 0.00019 | < 0.00043 | < 0.00037 | < 0.00037 | < 0.00022 | < 0.00021 | < 0.00031 | < 0.0003 | < 0.00033 | < 0.00033 | < 0.00048 | < 0.0027 | < 0.00016 | < 0.0002 | < 0.00022 | < 0.00022 | < 0.00021 | < 0.0002 | < 0.00023 | < 0.00024 | < 0.00022 | < 0.0036 | < 0.0002 | < 0.0024 | < 0.00019 |
| | 10 | 12/28/2022 | Primary | < 0.00027 | < 0.00022 | < 0.00051 | < 0.00044 | < 0.00044 | < 0.00026 | < 0.00025 | < 0.00037 | < 0.00035 | < 0.00039 | < 0.00039 | < 0.00056 | < 0.0031 | < 0.00019 | < 0.00024 | < 0.00026 | < 0.00026 | < 0.00025 | < 0.00024 | < 0.00028 | < 0.00029 | < 0.00026 | < 0.0042 | < 0.00024 | < 0.0029 | < 0.00023 |
| SB-1 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.0039 | < 0.0039 | -- | -- | -- | -- | < 0.0039 | -- | -- | -- | -- | -- | < 0.0039 | -- | -- | -- | -- | **0.0041** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.0045 | < 0.0045 | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | **0.0037** | -- | -- | -- |
| SB-2 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.0049 | < 0.0049 | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | **0.015** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.005 | < 0.005 | -- | -- | -- | -- | < 0.005 | -- | -- | -- | -- | -- | < 0.005 | -- | -- | -- | -- | **0.0087** | -- | -- | -- |
| SB-3 | 10 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0045 | < 0.0045 | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | **0.0015** | -- | -- | -- |
| SB-4 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0048 | < 0.0048 | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | **0.01** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0042 | < 0.0042 | -- | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | **0.011** | -- | -- | -- |
| SB-5 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0053 | < 0.0053 | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | **0.015** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0049 | < 0.0049 | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | **0.0043** | -- | -- | -- |
| SB-6 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.0039 | < 0.0039 | -- | -- | -- | -- | **0.00027** | -- | -- | -- | -- | -- | < 0.0039 | -- | -- | -- | -- | **0.0087** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.0064 | < 0.0064 | -- | -- | -- | -- | < 0.0064 | -- | -- | -- | -- | -- | < 0.0064 | -- | -- | -- | -- | **0.0075** | -- | -- | -- |
| SB-7 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.005 | < 0.005 | -- | -- | -- | -- | **0.0016** | -- | -- | -- | -- | -- | < 0.005 | -- | -- | -- | -- | **0.015** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.0045 | < 0.0045 | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | **0.0092** | -- | -- | -- |
| SB-8 | 2 | 8/21/2020 | Primary | -- | -- | **0.012** | -- | -- | < 0.004 | < 0.004 | -- | -- | -- | -- | **0.0038** | -- | -- | -- | -- | -- | **0.0025** | -- | -- | -- | -- | **0.028** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0041 | < 0.0041 | -- | -- | -- | -- | **0.00033** | -- | -- | -- | -- | -- | < 0.0041 | -- | -- | -- | -- | **0.0088** | -- | -- | -- |
| SB-9 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0048 | < 0.0048 | -- | -- | -- | -- | **0.0003** | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | **0.018** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0051 | < 0.0051 | -- | -- | -- | -- | **0.0003** | -- | -- | -- | -- | -- | < 0.0051 | -- | -- | -- | -- | **0.0055** | -- | -- | -- |
| SB-10 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0056 | < 0.0056 | -- | -- | -- | -- | < 0.0056 | -- | -- | -- | -- | -- | < 0.0056 | -- | -- | -- | -- | **0.017** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0049 | < 0.0049 | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | **0.0072** | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | Primary | -- | **0.027 J** | -- | -- | -- | **0.046** | < 0.24 | -- | -- | -- | -- | **1.1** | -- | -- | -- | **0.021 J** | -- | **0.61** | -- | -- | -- | -- | **0.88** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | **0.00074** | < 0.0042 | -- | -- | -- | -- | **0.00043** | -- | -- | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | **0.012** | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0044 | < 0.0044 | -- | -- | -- | -- | **0.00085** | -- | -- | -- | -- | -- | < 0.0044 | -- | -- | -- | -- | **0.01** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | **0.00039** | < 0.0036 | -- | -- | -- | -- | < 0.0036 | -- | -- | -- | -- | -- | < 0.0036 | -- | -- | -- | -- | **0.0082** | -- | -- | -- |
| SB-13 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0048 | < 0.0048 | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | **0.02** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0045 | < 0.0045 | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | **0.013** | -- | -- | -- |
| | 10 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0045 | < 0.0045 | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | **0.0051** | -- | -- | -- |
| SB-14 | 2 | 8/21/2020 | Primary | -- | **0.035** | -- | -- | **0.00092 J** | **0.0024** | **0.00023** | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | **0.032** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | **0.0048 J** | -- | -- | -- | **0.0037** | < 0.0051 | -- | -- | -- | -- | **0.012** | -- | -- | -- | -- | -- | **0.0076** | -- | -- | -- | -- | **0.052** | -- | -- | -- |
| SB-15 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.0053 | < 0.0053 | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | **0.011** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.006 | < 0.006 | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | **0.01** | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | **0.00063** | < 0.0046 | -- | -- | -- | -- | **0.015** | -- | -- | -- | -- | -- | **0.0084** | -- | -- | -- | -- | **0.021** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | **0.00051** | < 0.0047 | -- | -- | -- | -- | **0.00092** | -- | -- | -- | -- | -- | **0.00042** | -- | -- | -- | -- | **0.0078** | -- | -- | -- |

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 1,1,1,2-Tetrachloroethane | 1,1,1-Trichloroethane | 1,1,2,2-Tetrachloroethane | 1,1,2-Trichloroethane | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,1-Dichloropropene | 1,2,3-Trichlorobenzene | 1,2,3-Trichloropropane | 1,2,4-Trichlorobenzene | 1,2,4-Trimethylbenzene | 1,2-Dibromo-3-Chloropropane (DBCP) | 1,2-Dibromoethane (EDB) | 1,2-Dichlorobenzene | 1,2-Dichloroethane | 1,2-Dichloropropane | 1,3,5-Trimethylbenzene | 1,3-Dichlorobenzene | 1,3-Dichloropropane | 1,4-Dichlorobenzene | 2,2-Dichloropropane | 2-Butanone (MEK) | 2-Chlorotoluene | 2-Hexanone | 4-Chlorotoluene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-17 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | **0.034** | < 0.0041 | -- | -- | -- | **0.0052** | **0.031** | -- | -- | **0.0056 J** | -- | -- | **0.012** | **0.0007 J** | -- | **0.0017 J** | -- | **0.072** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | **0.0043** | < 0.0053 | -- | -- | -- | **0.0024 J** | **0.0085** | -- | -- | **0.00058 J** | -- | -- | **0.0033** | -- | -- | **0.0017 J** | -- | **0.019** | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | **0.0046 J** | **0.015** | < 0.0053 | -- | -- | -- | -- | **0.00052** | -- | -- | **0.00063 J** | -- | **0.0015 J** | < 0.0053 | -- | -- | -- | -- | **0.017** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | **0.0061** | < 0.005 | -- | -- | -- | -- | < 0.005 | -- | -- | -- | -- | **0.00095 J** | < 0.005 | -- | -- | -- | -- | **0.0058** | -- | -- | -- |
| SB-19 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | **0.021** | < 0.0078 | -- | -- | -- | -- | **0.0083** | -- | -- | -- | **0.00096 J** | -- | **0.004** | -- | -- | -- | -- | **0.017** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0046 | < 0.0046 | -- | -- | -- | -- | < 0.0046 | -- | -- | -- | -- | -- | < 0.0046 | -- | -- | -- | -- | **0.005** | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | **0.0031** | < 0.1 | -- | -- | -- | -- | **0.1** | -- | -- | -- | -- | -- | **0.03** | -- | -- | -- | -- | **0.023** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.005 | < 0.005 | -- | -- | -- | -- | **0.0015** | -- | -- | -- | -- | -- | **0.00058** | -- | -- | -- | -- | **0.0073** | -- | -- | -- |
| SB-21 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.005 | < 0.005 | -- | -- | -- | -- | **0.0008** | -- | -- | -- | -- | -- | < 0.005 | -- | -- | -- | -- | **0.042** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 1 | < 1 | -- | -- | -- | -- | **13** | -- | -- | -- | -- | -- | **3.5** | -- | -- | -- | -- | **0.38** | -- | -- | -- |
| | 10 | 8/21/2020 | Primary | -- | **0.00021 J** | -- | -- | -- | **0.0032** | < 0.0048 | -- | -- | -- | -- | **0.001** | -- | -- | -- | -- | -- | **0.00025** | -- | -- | -- | -- | **0.017** | **0.0017 J** | -- | -- |
| SB-22 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0044 | < 0.0044 | -- | -- | -- | -- | < 0.0044 | -- | -- | -- | -- | -- | < 0.0044 | -- | -- | -- | -- | **0.0056** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0052 | < 0.0052 | -- | -- | -- | -- | **0.001** | -- | -- | -- | -- | -- | **0.00033** | -- | -- | -- | -- | **0.0088** | -- | -- | -- |
| SB-23 | 2 | 8/21/2020 | Primary | -- | **1.7** | -- | -- | -- | < 1.5 | < 1.5 | -- | -- | -- | -- | **33** | -- | -- | -- | -- | -- | **9.9** | -- | -- | -- | -- | **1.8** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0057 | < 0.0057 | -- | -- | -- | -- | < 0.0057 | -- | -- | -- | -- | -- | < 0.0057 | -- | -- | -- | -- | **0.0071** | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0058 | < 0.0058 | -- | -- | -- | -- | **0.00039** | -- | -- | -- | -- | -- | < 0.0058 | -- | -- | -- | -- | **0.014** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0056 | < 0.0056 | -- | -- | -- | -- | < 0.0056 | -- | -- | -- | -- | -- | < 0.0056 | -- | -- | -- | -- | **0.0066** | -- | -- | -- |
| SB-25 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0049 | < 0.0049 | -- | -- | -- | -- | **0.0003** | -- | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | **0.01** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0048 | < 0.0048 | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | **0.0032** | -- | -- | -- |
| SB-26 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0071 | < 0.0071 | -- | -- | -- | -- | **0.0005** | -- | -- | -- | -- | -- | < 0.0071 | -- | -- | -- | -- | **0.014** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0068 | < 0.0068 | -- | -- | -- | -- | **0.00054** | -- | -- | -- | -- | -- | < 0.0068 | -- | -- | -- | -- | **0.035** | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | < 0.0048 | < 0.0048 | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | **0.0051** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | **0.0016** | < 0.0054 | -- | -- | -- | -- | **0.00035** | -- | -- | -- | -- | -- | < 0.0054 | -- | -- | -- | -- | **0.0068** | -- | -- | -- |
| SB-28 | 2 | 8/21/2020 | Primary | -- | -- | -- | -- | **0.006** | **0.00062** | < 0.006 | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | **0.0057** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | **0.00023** | < 0.0042 | -- | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | **0.0033** | -- | -- | -- |
| SB-29 | 2 | 8/21/2020 | Primary | -- | **0.00018 J** | -- | -- | -- | < 0.0043 | < 0.0043 | -- | -- | -- | -- | < 0.0043 | -- | -- | -- | -- | -- | < 0.0043 | -- | -- | -- | -- | **0.026** | -- | -- | -- |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | **0.00039** | < 0.0061 | -- | -- | -- | -- | < 0.0061 | -- | -- | -- | -- | -- | < 0.0061 | -- | -- | -- | -- | **0.005** | -- | -- | -- |
| SB-30 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.0057 | < 0.0057 | -- | -- | -- | -- | < 0.0057 | -- | -- | -- | -- | -- | < 0.0057 | -- | -- | -- | -- | **0.0082** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | **0.0004 J** | -- | -- | -- | < 0.0042 | < 0.0042 | -- | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | **0.0079** | -- | -- | -- |
| SB-31 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.006 | < 0.006 | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | **0.0076** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | **0.00041 J** | -- | -- | -- | < 0.0054 | < 0.0054 | -- | -- | -- | -- | < 0.0054 | -- | -- | -- | -- | -- | < 0.0054 | -- | -- | -- | -- | **0.0056** | -- | -- | -- |
| SB-32 | 2 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.0064 | < 0.0064 | -- | -- | -- | -- | < 0.0064 | -- | -- | -- | -- | -- | < 0.0064 | -- | -- | -- | -- | **0.0046** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | **0.00036 J** | -- | -- | -- | < 0.0047 | < 0.0047 | -- | -- | -- | -- | < 0.0047 | -- | -- | -- | -- | -- | < 0.0047 | -- | -- | -- | -- | **0.0074** | -- | -- | -- |
| SB-33 | 2 | 8/22/2020 | Primary | -- | **0.00025 J** | -- | -- | -- | < 0.0048 | < 0.0048 | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | **0.0076** | -- | -- | -- |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | < 0.006 | < 0.006 | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | **0.01** | -- | -- | -- |

**Notes:**
Results in milligrams per kilogram (mg/kg)
Detected results are presented in bold
-- = results not available or sample not analyzed
< = Analyte was not detected at the given reporting limit
bgs = below ground surface
J = estimated value

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 4-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Acetone | Benzene | Bromobenzene | Bromodichloromethane | Bromoform | Bromomethane | Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chlorobromomethane | Chloroethane | Chloroform | Chloromethane | cis-1,2-Dichloroethene | cis-1,3-Dichloropropene | Dibromochloromethane | Dibromomethane | Dichlorodifluoromethane (Freon 12) | Ethanol | Ethyl tert-Butyl Ether (ETBE) | Ethylbenzene | Isopropyl ether | Isopropylbenzene (Cumene) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-1 | 10 | 9/18/2020 | Primary | -- | < 0.0053 | < 0.11 | < 0.0053 | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | < 0.0053 | -- | < 0.0053 |
| HP-2 | 10 | 9/18/2020 | Primary | -- | < 0.0045 | < 0.091 | < 0.0045 | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | < 0.0045 | -- | < 0.0045 |
| HP-3 | 10 | 9/18/2020 | Primary | -- | < 0.0066 | < 0.13 | **0.001 J** | -- | -- | -- | < 0.0066 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0066 | -- | -- | -- | -- | -- | -- | < 0.0066 | -- | < 0.0066 |
| HP-4 | 10 | 9/18/2020 | Primary | -- | < 0.0053 | < 0.11 | < 0.0053 | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | < 0.0053 | -- | < 0.0053 |
| HP-5 | 5 | 3/8/2023 | Primary | < 0.00023 | < 0.0024 | **0.067** | **0.0046** | < 0.00017 | < 0.00027 | < 0.0011 | < 0.0054 | < 0.00017 | **0.00071 J** | < 0.00025 | < 0.00022 | < 0.00037 | < 0.00061 | < 0.00048 | < 0.0013 | < 0.00028 | < 0.00029 | < 0.00022 | < 0.00025 | < 0.00037 | < 0.076 | < 0.00019 | **0.00057 J** | < 0.00041 | < 0.00023 |
| HP-6 | 5 | 3/8/2023 | Primary | < 0.00023 | < 0.0024 | **0.03** | **0.00083** | < 0.00017 | < 0.00027 | < 0.0011 | < 0.0054 | < 0.00017 | < 0.00033 | < 0.00025 | < 0.00022 | < 0.00036 | < 0.00061 | < 0.00048 | < 0.0013 | < 0.00028 | < 0.00029 | < 0.00022 | < 0.00025 | < 0.00037 | < 0.075 | < 0.00019 | < 0.00017 | < 0.00041 | < 0.00023 |
| | 10 | 3/8/2023 | Primary | < 0.00033 | < 0.0034 | **0.056** | < 0.0003 | < 0.00024 | < 0.00038 | < 0.0015 | < 0.0076 | < 0.00024 | < 0.00046 | < 0.00035 | < 0.00031 | < 0.00052 | < 0.00086 | < 0.00068 | < 0.0018 | < 0.00039 | < 0.0004 | < 0.00032 | < 0.00035 | < 0.00053 | < 0.11 | < 0.00027 | < 0.00024 | < 0.00058 | < 0.00032 |
| HP-7 | 5 | 3/8/2023 | Primary | < 0.00024 | < 0.0024 | **0.038** | **0.00035 J** | < 0.00017 | < 0.00027 | < 0.0011 | < 0.0055 | < 0.00018 | < 0.00033 | < 0.00025 | < 0.00022 | < 0.00037 | < 0.00062 | < 0.00049 | < 0.0013 | < 0.00028 | < 0.00029 | < 0.00023 | < 0.00026 | < 0.00038 | < 0.077 | < 0.0002 | < 0.00017 | < 0.00042 | < 0.00023 |
| HP-8 | 5 | 3/8/2023 | Primary | < 0.00023 | < 0.0024 | **0.025** | **0.00055 J** | < 0.00017 | < 0.00026 | < 0.0011 | < 0.0053 | < 0.00017 | < 0.00033 | < 0.00024 | < 0.00022 | < 0.00036 | < 0.0006 | < 0.00048 | < 0.0012 | < 0.00027 | < 0.00028 | < 0.00022 | < 0.00025 | < 0.00037 | < 0.075 | < 0.00019 | < 0.00017 | < 0.00041 | < 0.00022 |
| | 10 | 3/8/2023 | Primary | < 0.00028 | < 0.0029 | **0.055** | < 0.00026 | < 0.00021 | < 0.00033 | < 0.0013 | < 0.0066 | < 0.00021 | < 0.0004 | < 0.0003 | < 0.00027 | < 0.00045 | < 0.00075 | < 0.00059 | < 0.0015 | < 0.00034 | < 0.00035 | < 0.00027 | < 0.00031 | < 0.00046 | < 0.093 | < 0.00024 | < 0.00021 | < 0.0005 | < 0.00028 |
| HP-9 | 5 | 3/7/2023 | Primary | < 0.00025 | < 0.0026 | **0.056** | **0.0044** | < 0.00018 | < 0.00029 | < 0.0012 | < 0.0058 | < 0.00019 | < 0.00035 | < 0.00027 | < 0.00024 | < 0.00039 | < 0.00066 | < 0.00052 | < 0.0014 | < 0.0003 | < 0.00031 | < 0.00024 | < 0.00027 | < 0.0004 | < 0.082 | < 0.00021 | **0.0006 J** | < 0.00044 | < 0.00024 |
| | 10 | 3/7/2023 | Primary | < 0.00029 | < 0.003 | **0.05** | < 0.00026 | < 0.00021 | < 0.00033 | < 0.0013 | < 0.0067 | < 0.00021 | < 0.00041 | < 0.00031 | < 0.00027 | < 0.00045 | < 0.00076 | < 0.0006 | < 0.0016 | < 0.00034 | < 0.00036 | < 0.00028 | < 0.00031 | < 0.00046 | < 0.094 | < 0.00024 | < 0.00021 | < 0.00051 | < 0.00028 |
| HP-10 | 5 | 3/7/2023 | Primary | < 0.00023 | < 0.0024 | **0.025** | **0.0027** | < 0.00017 | < 0.00027 | < 0.0011 | < 0.0054 | < 0.00017 | < 0.00033 | < 0.00024 | < 0.00022 | < 0.00036 | < 0.00061 | < 0.00048 | < 0.0013 | < 0.00028 | < 0.00029 | < 0.00022 | < 0.00025 | < 0.00037 | < 0.075 | < 0.00019 | **0.00044 J** | < 0.00041 | < 0.00023 |
| | 10 | 3/7/2023 | Primary | < 0.00033 | < 0.0034 | **0.061** | **0.00051 J** | < 0.00024 | < 0.00038 | < 0.0015 | < 0.0076 | < 0.00024 | < 0.00046 | < 0.00035 | < 0.00031 | < 0.00051 | < 0.00086 | < 0.00068 | < 0.0018 | < 0.00039 | < 0.0004 | < 0.00032 | < 0.00035 | < 0.00052 | **0.25 J** | < 0.00027 | < 0.00024 | < 0.00058 | < 0.00032 |
| HP-11 | 5 | 3/7/2023 | Primary | < 0.0002 | < 0.0021 | **0.077** | **0.0025** | < 0.00015 | < 0.00024 | < 0.00096 | < 0.0048 | < 0.00015 | < 0.00029 | < 0.00022 | < 0.00019 | < 0.00032 | < 0.00054 | < 0.00043 | < 0.0011 | < 0.00024 | < 0.00025 | < 0.0002 | < 0.00022 | < 0.00033 | < 0.067 | < 0.00017 | **0.00033 J** | < 0.00036 | < 0.0002 |
| | 10 | 3/7/2023 | Primary | < 0.00031 | < 0.0032 | **0.041** | **0.00065 J** | < 0.00023 | < 0.00036 | < 0.0015 | < 0.0073 | < 0.00023 | < 0.00044 | < 0.00033 | < 0.0003 | < 0.00049 | < 0.00082 | < 0.00065 | < 0.0017 | < 0.00037 | < 0.00038 | < 0.0003 | < 0.00034 | < 0.0005 | < 0.1 | < 0.00026 | < 0.00023 | < 0.00055 | < 0.0003 |
| HP-12 | 5 | 3/7/2023 | Primary | < 0.00029 | < 0.003 | **0.061** | **0.0007 J** | < 0.00022 | < 0.00034 | < 0.0014 | < 0.0068 | < 0.00022 | < 0.00041 | < 0.00031 | < 0.00028 | < 0.00046 | < 0.00077 | < 0.00061 | < 0.0016 | < 0.00035 | < 0.00036 | < 0.00028 | < 0.00032 | < 0.00047 | < 0.095 | < 0.00024 | < 0.00021 | < 0.00052 | < 0.00029 |
| | 10 | 3/7/2023 | Primary | < 0.00028 | < 0.0029 | **0.064** | **0.00043 J** | < 0.00021 | < 0.00033 | < 0.0013 | < 0.0066 | < 0.00021 | < 0.0004 | < 0.0003 | < 0.00027 | < 0.00044 | < 0.00074 | < 0.00059 | < 0.0015 | < 0.00034 | < 0.00035 | < 0.00027 | < 0.00031 | < 0.00045 | **0.11 J** | < 0.00024 | < 0.00021 | < 0.0005 | < 0.00028 |
| HP-13 | 5 | 3/7/2023 | Primary | < 0.00026 | < 0.0027 | **0.043** | **0.00037 J** | < 0.00019 | < 0.0003 | < 0.0012 | < 0.006 | < 0.00019 | < 0.00037 | < 0.00027 | < 0.00024 | < 0.00041 | < 0.00068 | < 0.00054 | < 0.0014 | < 0.00031 | < 0.00032 | < 0.00025 | < 0.00028 | < 0.00041 | < 0.084 | < 0.00022 | < 0.00019 | < 0.00046 | < 0.00025 |
| | 10 | 3/7/2023 | Primary | < 0.00027 | < 0.0028 | **0.065** | < 0.00025 | < 0.0002 | < 0.00032 | < 0.0013 | < 0.0064 | < 0.0002 | **0.00044 J** | < 0.00029 | < 0.00026 | < 0.00043 | < 0.00072 | < 0.00057 | < 0.0015 | **0.00074 J** | < 0.00034 | < 0.00027 | < 0.0003 | < 0.00044 | < 0.09 | < 0.00023 | < 0.0002 | < 0.00049 | < 0.00027 |
| HP-14 | 5 | 3/8/2023 | Primary | < 0.00024 | < 0.0024 | **0.028** | **0.0014** | < 0.00018 | < 0.00027 | < 0.0011 | < 0.0055 | < 0.00018 | < 0.00034 | < 0.00025 | < 0.00023 | < 0.00037 | < 0.00062 | < 0.0005 | < 0.0013 | < 0.00028 | < 0.00029 | < 0.00023 | < 0.00026 | < 0.00038 | < 0.077 | < 0.0002 | < 0.00017 | < 0.00042 | < 0.00023 |
| | 10 | 3/8/2023 | Primary | < 0.0003 | < 0.0031 | **0.048** | < 0.00027 | < 0.00022 | < 0.00034 | < 0.0014 | < 0.007 | < 0.00022 | < 0.00042 | < 0.00032 | < 0.00028 | < 0.00047 | < 0.00079 | < 0.00062 | < 0.0016 | < 0.00036 | < 0.00037 | < 0.00029 | < 0.00032 | < 0.00048 | < 0.098 | < 0.00025 | < 0.00022 | < 0.00053 | < 0.00029 |
| HP-15 | 5 | 3/7/2023 | Primary | **0.0003 J** | < 0.0022 | **0.094** | **0.045** | < 0.00016 | < 0.00025 | < 0.001 | < 0.005 | **0.00048 J** | < 0.00031 | < 0.00023 | < 0.00021 | < 0.00034 | < 0.00057 | < 0.00045 | < 0.0012 | < 0.00026 | < 0.00027 | < 0.00021 | < 0.00023 | < 0.00035 | < 0.071 | < 0.00018 | **0.013** | < 0.00038 | **0.0011** |
| | 10 | 3/7/2023 | Primary | < 0.00028 | < 0.0028 | **0.039** | **0.00029 J** | < 0.0002 | < 0.00032 | < 0.0013 | < 0.0064 | < 0.00021 | < 0.00039 | < 0.00029 | < 0.00026 | < 0.00043 | < 0.00072 | < 0.00057 | < 0.0015 | < 0.00033 | < 0.00034 | < 0.00027 | < 0.0003 | < 0.00044 | < 0.09 | < 0.00023 | < 0.0002 | < 0.00049 | < 0.00027 |
| LDB-1 | 0.5 | 2/16/2023 | Primary | < 0.00022 | -- | **0.047** | **0.0031** | -- | -- | -- | -- | < 0.00017 | -- | -- | < 0.00021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00016 | -- | < 0.00022 |
| | 2.5 | 2/16/2023 | Primary | < 0.00024 | -- | **0.074** | < 0.00022 | -- | -- | -- | -- | < 0.00018 | -- | -- | < 0.00023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00018 | -- | < 0.00024 |
| | 5 | 2/16/2023 | Primary | < 0.00024 | -- | **0.035** | < 0.00022 | -- | -- | -- | -- | < 0.00018 | -- | -- | < 0.00023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00018 | -- | < 0.00024 |
| | 7.5 | 2/16/2023 | Primary | < 0.00023 | -- | **0.038** | **0.00086** | -- | -- | -- | -- | < 0.00017 | -- | -- | < 0.00022 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00017 | -- | < 0.00023 |
| | 10 | 2/16/2023 | Primary | < 0.00026 | -- | **0.045** | < 0.00023 | -- | -- | -- | -- | < 0.00019 | -- | -- | < 0.00024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00019 | -- | < 0.00025 |
| LDB-2/3 | 0.5 | 2/16/2023 | Primary | < 0.00024 | -- | **0.053** | **0.001** | -- | -- | -- | -- | < 0.00018 | -- | -- | < 0.00022 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00017 | -- | < 0.00023 |
| | 2.5 | 2/16/2023 | Primary | < 0.00023 | -- | **0.06** | < 0.00021 | -- | -- | -- | -- | < 0.00017 | -- | -- | < 0.00022 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00017 | -- | < 0.00023 |
| | 5 | 2/16/2023 | Primary | < 0.00028 | -- | **0.035** | < 0.00025 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0002 | -- | < 0.00027 |
| | 7.5 | 2/16/2023 | Primary | < 0.00028 | -- | **0.049** | < 0.00025 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0002 | -- | < 0.00027 |
| | 10 | 2/16/2023 | Primary | < 0.00022 | -- | **0.024** | < 0.00021 | -- | -- | -- | -- | < 0.00017 | -- | -- | < 0.00021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00016 | -- | < 0.00022 |
| LDB-4 | 0.5 | 2/16/2023 | Primary | < 0.00024 | -- | **0.15** | **0.0012** | -- | -- | -- | -- | < 0.00018 | -- | -- | < 0.00023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00018 | -- | < 0.00023 |
| | 2.5 | 2/16/2023 | Primary | < 0.00028 | -- | **0.071** | < 0.00025 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0002 | -- | < 0.00027 |
| | 5 | 2/16/2023 | Primary | < 0.00026 | -- | **0.068** | < 0.00024 | -- | -- | -- | -- | < 0.00019 | -- | -- | < 0.00025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00019 | -- | < 0.00025 |
| | 7.5 | 2/16/2023 | Primary | < 0.00028 | -- | **0.093** | < 0.00026 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00021 | -- | < 0.00028 |
| | 10 | 2/16/2023 | Primary | < 0.00027 | -- | **0.085** | < 0.00025 | -- | -- | -- | -- | < 0.0002 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0002 | -- | < 0.00027 |
| LDB-5 | 0.5 | 2/16/2023 | Primary | **2.9** | -- | < 2.9 | < 0.076 | -- | -- | -- | -- | **3.6** | -- | -- | **0.63** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | **52** | -- | **5.3** |
| | 2.5 | 2/16/2023 | Primary | **7.5** | -- | < 5.3 | < 0.14 | -- | -- | -- | -- | **10** | -- | -- | **0.8** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | **110** | -- | **14** |
| | 5 | 2/16/2023 | Primary | < 0.00029 | -- | **0.058** | < 0.00026 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00021 | -- | < 0.00028 |
| | 7.5 | 2/16/2023 | Primary | < 0.00026 | -- | **0.04** | < 0.00023 | -- | -- | -- | -- | < 0.00019 | -- | -- | < 0.00024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00019 | -- | < 0.00025 |
| | 10 | 2/16/2023 | Primary | < 0.00022 | -- | **0.026** | < 0.0002 | -- | -- | -- | -- | < 0.00016 | -- | -- | < 0.00021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00016 | -- | < 0.00021 |
| LDB-6 | 0.5 | 2/16/2023 | Primary | **1.7** | -- | < 0.88 | < 0.023 | -- | -- | -- | -- | < 0.019 | -- | -- | < 0.024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | **0.98** | -- | < 0.05 |
| | 2.5 | 2/16/2023 | Primary | < 0.012 | -- | < 0.41 | < 0.011 | -- | -- | -- | -- | < 0.0087 | -- | -- | < 0.011 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0085 | -- | < 0.011 |
| | 5 | 2/16/2023 | Primary | < 0.00024 | -- | **0.045** | **0.0011** | -- | -- | -- | -- | < 0.00018 | -- | -- | < 0.00022 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00017 | -- | < 0.00023 |
| | 7.5 | 2/16/2023 | Primary | < 0.0003 | -- | **0.052** | < 0.00027 | -- | -- | -- | -- | < 0.00022 | -- | -- | < 0.00028 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00022 | -- | < 0.00029 |
| | 10 | 2/16/2023 | Primary | < 0.00029 | -- | **0.044** | < 0.00026 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00021 | -- | < 0.00028 |
| LDB-7 | 0.5 | 2/16/2023 | Primary | < 0.00025 | -- | **0.097** | < 0.00023 | -- | -- | -- | -- | < 0.00019 | -- | -- | < 0.00024 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00018 | -- | < 0.00025 |
| | 2.5 | 2/16/2023 | Primary | < 0.00024 | -- | **0.12** | < 0.00022 | -- | -- | -- | -- | < 0.00018 | -- | -- | < 0.00023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00018 | -- | < 0.00024 |
| | 5 | 2/16/2023 | Primary | < 0.00025 | -- | **0.084** | < 0.00023 | -- | -- | -- | -- | < 0.00018 | -- | -- | < 0.00023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00018 | -- | < 0.00024 |
| | 7.5 | 2/16/2023 | Primary | < 0.00027 | -- | **0.076** | < 0.00025 | -- | -- | -- | -- | < 0.0002 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0002 | -- | < 0.00026 |
| | 10 | 2/16/2023 | Primary | < 0.00025 | -- | **0.031** | < 0.00023 | -- | -- | -- | -- | < 0.00018 | -- | -- | < 0.00023 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00018 | -- | < 0.00024 |

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 4-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Acetone | Benzene | Bromobenzene | Bromodichloromethane | Bromoform | Bromomethane | Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chlorobromomethane | Chloroethane | Chloroform | Chloromethane | cis-1,2-Dichloroethene | cis-1,3-Dichloropropene | Dibromochloromethane | Dibromomethane | Dichlorodifluoromethane (Freon 12) | Ethanol | Ethyl tert-Butyl Ether (ETBE) | Ethylbenzene | Isopropyl ether | Isopropylbenzene (Cumene) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LDB-8 | 0.5 | 2/16/2023 | Primary | < 0.00026 | -- | **0.088** | < 0.00024 | -- | -- | -- | -- | < 0.0002 | -- | -- | < 0.00025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00019 | -- | < 0.00026 |
| | 2.5 | 2/16/2023 | Primary | < 0.00026 | -- | **0.073** | **0.0021** | -- | -- | -- | -- | < 0.00019 | -- | -- | < 0.00025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00019 | -- | < 0.00025 |
| | 5 | 2/16/2023 | Primary | < 0.00022 | -- | **0.089** | **0.0037** | -- | -- | -- | -- | < 0.00017 | -- | -- | < 0.00021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00016 | -- | < 0.00022 |
| | 7.5 | 2/16/2023 | Primary | < 0.0003 | -- | **0.083** | < 0.00027 | -- | -- | -- | -- | < 0.00022 | -- | -- | < 0.00028 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00022 | -- | < 0.00029 |
| | 10 | 2/16/2023 | Primary | < 0.00026 | -- | **0.095** | < 0.00024 | -- | -- | -- | -- | < 0.00019 | -- | -- | < 0.00025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00019 | -- | < 0.00025 |
| LDB-9 | 0.5 | 2/16/2023 | Primary | < 0.00028 | -- | **0.24** | < 0.00025 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0002 | -- | < 0.00027 |
| | 2.5 | 2/16/2023 | Primary | < 0.00028 | -- | **0.13** | **0.0022** | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0002 | -- | < 0.00027 |
| | 5 | 2/16/2023 | Primary | < 0.00023 | -- | **0.066** | **0.0032** | -- | -- | -- | -- | < 0.00017 | -- | -- | < 0.00021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00016 | -- | < 0.00022 |
| | 7.5 | 2/16/2023 | Primary | < 0.00029 | -- | **0.051** | **0.0016** | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00021 | -- | < 0.00028 |
| | 10 | 2/16/2023 | Primary | < 0.00028 | -- | **0.057** | < 0.00026 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00021 | -- | < 0.00028 |
| LDB-10 | 0.5 | 2/16/2023 | Primary | < 0.00029 | -- | **0.21** | **0.0023** | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00021 | -- | < 0.00028 |
| | 2.5 | 2/16/2023 | Primary | < 0.00026 | -- | **0.084** | **0.0031** | -- | -- | -- | -- | < 0.00019 | -- | -- | < 0.00025 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00019 | -- | < 0.00026 |
| | 5 | 2/16/2023 | Primary | < 0.00022 | -- | **0.032** | < 0.0002 | -- | -- | -- | -- | < 0.00016 | -- | -- | < 0.00021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00016 | -- | < 0.00022 |
| | 7.5 | 2/16/2023 | Primary | < 0.00028 | -- | **0.044** | < 0.00025 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00026 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0002 | -- | < 0.00027 |
| | 10 | 2/16/2023 | Primary | < 0.00028 | -- | **0.056** | < 0.00026 | -- | -- | -- | -- | < 0.00021 | -- | -- | < 0.00027 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | < 0.00021 | -- | < 0.00028 |
| LV-1 | 1 | 6/23/2021 | Primary | -- | < 0.016 | **0.018** | **0.0016** | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.008 | < 0.0008 | -- | -- | -- | -- | -- | -- | < 0.0008 | -- | < 0.0008 |
| | 5 | 6/23/2021 | Primary | -- | < 0.016 | < 0.016 | < 0.00078 | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0078 | < 0.00078 | -- | -- | -- | -- | -- | -- | < 0.00078 | -- | < 0.00078 |
| | 10 | 6/23/2021 | Primary | -- | < 0.02 | < 0.02 | < 0.00099 | -- | -- | -- | < 0.02 | -- | -- | -- | -- | -- | -- | -- | < 0.0099 | < 0.00099 | -- | -- | -- | -- | -- | -- | < 0.00099 | -- | < 0.00099 |
| LV-2 | 1 | 6/22/2021 | Primary | -- | < 0.017 | **0.022** | **0.0017** | -- | -- | -- | < 0.017 | -- | -- | -- | -- | -- | -- | -- | < 0.0083 | < 0.00083 | -- | -- | -- | -- | -- | -- | < 0.00083 | -- | < 0.00083 |
| | 5 | 6/22/2021 | Primary | -- | < 0.018 | **0.037** | **0.0019** | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.0091 | < 0.00091 | -- | -- | -- | -- | -- | -- | < 0.00091 | -- | < 0.00091 |
| | 10 | 6/22/2021 | Primary | -- | < 0.021 | < 0.021 | < 0.0011 | -- | -- | -- | < 0.021 | -- | -- | -- | -- | -- | -- | -- | < 0.011 | < 0.0011 | -- | -- | -- | -- | -- | -- | < 0.0011 | -- | < 0.0011 |
| LV-3 | 1 | 6/22/2021 | Primary | -- | < 0.013 | **0.037** | **0.0014** | -- | -- | -- | < 0.013 | -- | -- | -- | -- | -- | -- | -- | < 0.0063 | **0.0025** | -- | -- | -- | -- | -- | -- | < 0.00063 | -- | < 0.00063 |
| | 5 | 6/22/2021 | Primary | -- | < 0.017 | **0.021** | **0.0035** | -- | -- | -- | < 0.017 | -- | -- | -- | -- | -- | -- | -- | < 0.0083 | < 0.00083 | -- | -- | -- | -- | -- | -- | < 0.00083 | -- | < 0.00083 |
| | 10 | 6/22/2021 | Primary | -- | < 0.019 | **0.057** | < 0.00094 | -- | -- | -- | < 0.019 | -- | -- | -- | -- | -- | -- | -- | < 0.0094 | < 0.00094 | -- | -- | -- | -- | -- | -- | < 0.00094 | -- | < 0.00094 |
| | 10 | 6/22/2021 | Duplicate | -- | < 0.018 | **0.039** | < 0.0009 | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.009 | < 0.0009 | -- | -- | -- | -- | -- | -- | < 0.0009 | -- | < 0.0009 |
| LV-4 | 1 | 6/18/2021 | Primary | -- | < 0.018 | **0.018** | < 0.00091 | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.0091 | < 0.00091 | -- | -- | -- | -- | -- | -- | < 0.00091 | -- | < 0.00091 |
| | 5 | 6/18/2021 | Primary | -- | < 0.019 | < 0.019 | **0.001** | -- | -- | -- | < 0.019 | -- | -- | -- | -- | -- | -- | -- | < 0.0093 | < 0.00093 | -- | -- | -- | -- | -- | -- | < 0.00093 | -- | < 0.00093 |
| | 10 | 6/18/2021 | Primary | -- | < 0.019 | < 0.019 | < 0.00094 | -- | -- | -- | < 0.019 | -- | -- | -- | -- | -- | -- | -- | < 0.0094 | < 0.00094 | -- | -- | -- | -- | -- | -- | < 0.00094 | -- | < 0.00094 |
| LV-5 | 1 | 6/23/2021 | Primary | -- | < 0.017 | **0.02** | **0.0015** | -- | -- | -- | < 0.017 | -- | -- | -- | -- | -- | -- | -- | < 0.0084 | < 0.00084 | -- | -- | -- | -- | -- | -- | < 0.00084 | -- | < 0.00084 |
| | 5 | 6/23/2021 | Primary | -- | < 0.017 | < 0.017 | < 0.00085 | -- | -- | -- | < 0.017 | -- | -- | -- | -- | -- | -- | -- | < 0.0085 | < 0.00085 | -- | -- | -- | -- | -- | -- | < 0.00085 | -- | < 0.00085 |
| | 10 | 6/23/2021 | Primary | -- | < 0.02 | < 0.02 | < 0.001 | -- | -- | -- | < 0.02 | -- | -- | -- | -- | -- | -- | -- | < 0.01 | < 0.001 | -- | -- | -- | -- | -- | -- | < 0.001 | -- | < 0.001 |
| | 10 | 6/23/2021 | Duplicate | -- | < 0.019 | < 0.019 | < 0.00097 | -- | -- | -- | < 0.019 | -- | -- | -- | -- | -- | -- | -- | < 0.0097 | < 0.00097 | -- | -- | -- | -- | -- | -- | < 0.00097 | -- | < 0.00097 |
| LV-6 | 1 | 6/22/2021 | Primary | -- | < 0.021 | **0.034** | < 0.0011 | -- | -- | -- | < 0.021 | -- | -- | -- | -- | -- | -- | -- | < 0.011 | < 0.0011 | -- | -- | -- | -- | -- | -- | < 0.0011 | -- | < 0.0011 |
| | 5 | 6/22/2021 | Primary | -- | < 0.018 | **0.018** | **0.0022** | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.009 | < 0.0009 | -- | -- | -- | -- | -- | -- | < 0.0009 | -- | < 0.0009 |
| | 10 | 6/22/2021 | Primary | -- | < 0.016 | < 0.016 | < 0.0008 | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.008 | < 0.0008 | -- | -- | -- | -- | -- | -- | < 0.0008 | -- | < 0.0008 |
| LV-7 | 1 | 6/22/2021 | Primary | -- | < 0.016 | **0.056** | **0.0018** | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0082 | < 0.00082 | -- | -- | -- | -- | -- | -- | < 0.00082 | -- | < 0.00082 |
| | 5 | 6/22/2021 | Primary | -- | < 0.017 | **0.019** | **0.0041** | -- | -- | -- | < 0.017 | -- | -- | -- | -- | -- | -- | -- | < 0.0086 | < 0.00086 | -- | -- | -- | -- | -- | -- | < 0.00086 | -- | < 0.00086 |
| | 10 | 6/22/2021 | Primary | -- | < 0.014 | < 0.014 | < 0.00072 | -- | -- | -- | < 0.014 | -- | -- | -- | -- | -- | -- | -- | < 0.0072 | < 0.00072 | -- | -- | -- | -- | -- | -- | < 0.00072 | -- | < 0.00072 |
| LV-8 | 1 | 6/18/2021 | Primary | **0.1** | < 0.81 | < 0.81 | < 0.04 | -- | -- | -- | < 0.81 | **0.33** | -- | -- | -- | -- | -- | -- | < 0.4 | < 0.04 | -- | -- | -- | -- | -- | -- | **1** | -- | **0.1** |
| | 5 | 6/18/2021 | Primary | -- | < 0.016 | < 0.016 | < 0.00081 | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0081 | < 0.00081 | -- | -- | -- | -- | -- | -- | < 0.00081 | -- | < 0.00081 |
| | 10 | 6/18/2021 | Primary | -- | < 0.022 | < 0.022 | < 0.0011 | -- | -- | -- | < 0.022 | -- | -- | -- | -- | -- | -- | -- | < 0.011 | < 0.0011 | -- | -- | -- | -- | -- | -- | < 0.0011 | -- | < 0.0011 |
| LV-9 | 1 | 6/22/2021 | Primary | -- | < 0.014 | **0.029** | **0.0032** | -- | -- | -- | < 0.014 | -- | -- | -- | -- | -- | -- | -- | < 0.007 | < 0.0007 | -- | -- | -- | -- | -- | -- | < 0.0007 | -- | < 0.0007 |
| | 5 | 6/22/2021 | Primary | -- | < 0.018 | **0.035** | **0.0045** | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.0088 | < 0.00088 | -- | -- | -- | -- | -- | -- | < 0.00088 | -- | < 0.00088 |
| | 10 | 6/22/2021 | Primary | -- | < 0.016 | < 0.016 | < 0.00079 | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0079 | < 0.00079 | -- | -- | -- | -- | -- | -- | < 0.00079 | -- | < 0.00079 |
| | 10 | 6/22/2021 | Duplicate | -- | < 0.015 | **0.017** | **0.0022** | -- | -- | -- | < 0.015 | -- | -- | -- | -- | -- | -- | -- | < 0.0074 | < 0.00074 | -- | -- | -- | -- | -- | -- | < 0.00074 | -- | < 0.00074 |
| LV-10 | 1 | 6/21/2021 | Primary | -- | < 0.02 | < 0.02 | < 0.001 | -- | -- | -- | < 0.02 | -- | -- | -- | -- | -- | -- | -- | < 0.01 | < 0.001 | -- | -- | -- | -- | -- | -- | < 0.001 | -- | < 0.001 |
| | 5 | 6/21/2021 | Primary | -- | < 0.019 | **0.022** | < 0.00096 | -- | -- | -- | < 0.019 | -- | -- | -- | -- | -- | -- | -- | < 0.0096 | < 0.00096 | -- | -- | -- | -- | -- | -- | < 0.00096 | -- | < 0.00096 |
| | 10 | 6/21/2021 | Primary | -- | < 0.015 | **0.14** | **0.0027** | -- | -- | -- | < 0.015 | -- | -- | -- | -- | -- | -- | -- | < 0.0074 | < 0.00074 | -- | -- | -- | -- | -- | -- | < 0.00074 | -- | < 0.00074 |
| LV-11 | 1 | 6/21/2021 | Primary | -- | < 0.015 | **0.054** | **0.0029** | -- | -- | -- | < 0.015 | -- | -- | -- | -- | -- | -- | -- | < 0.0073 | < 0.00073 | -- | -- | -- | -- | -- | -- | < 0.00073 | -- | < 0.00073 |
| | 1 | 6/21/2021 | Duplicate | -- | < 0.016 | **0.1** | **0.0035** | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0081 | < 0.00081 | -- | -- | -- | -- | -- | -- | < 0.00081 | -- | < 0.00081 |
| | 5 | 6/21/2021 | Primary | -- | < 0.016 | **0.018** | **0.0073** | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0079 | < 0.00079 | -- | -- | -- | -- | -- | -- | **0.0014** | -- | < 0.00079 |
| | 10 | 6/21/2021 | Primary | -- | < 0.021 | < 0.021 | < 0.0011 | -- | -- | -- | < 0.021 | -- | -- | -- | -- | -- | -- | -- | < 0.011 | < 0.0011 | -- | -- | -- | -- | -- | -- | < 0.0011 | -- | < 0.0011 |
| LV-12 | 1 | 6/21/2021 | Primary | -- | < 0.012 | **0.034** | **0.0015** | -- | -- | -- | < 0.012 | -- | -- | -- | -- | -- | -- | -- | < 0.0062 | < 0.00062 | -- | -- | -- | -- | -- | -- | < 0.00062 | -- | < 0.00062 |
| | 5 | 6/21/2021 | Primary | -- | < 0.015 | **0.018** | **0.0043** | -- | -- | -- | < 0.015 | -- | -- | -- | -- | -- | -- | -- | < 0.0077 | < 0.00077 | -- | -- | -- | -- | -- | -- | **0.00091** | -- | < 0.00077 |
| | 10 | 6/21/2021 | Primary | -- | < 0.016 | < 0.016 | < 0.00078 | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0078 | < 0.00078 | -- | -- | -- | -- | -- | -- | < 0.00078 | -- | < 0.00078 |
| LV-13 | 1 | 6/18/2021 | Primary | -- | < 0.015 | **0.12** | **0.0019** | -- | -- | -- | < 0.015 | -- | -- | -- | -- | -- | -- | -- | < 0.0074 | < 0.00074 | -- | -- | -- | -- | -- | -- | < 0.00074 | -- | < 0.00074 |
| | 5 | 6/18/2021 | Primary | -- | < 0.018 | < 0.018 | **0.0023** | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.0088 | < 0.00088 | -- | -- | -- | -- | -- | -- | < 0.00088 | -- | < 0.00088 |
| | 10 | 6/18/2021 | Primary | -- | < 0.022 | < 0.022 | < 0.0011 | -- | -- | -- | < 0.022 | -- | -- | -- | -- | -- | -- | -- | < 0.011 | < 0.0011 | -- | -- | -- | -- | -- | -- | < 0.0011 | -- | < 0.0011 |

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 4-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Acetone | Benzene | Bromobenzene | Bromodichloromethane | Bromoform | Bromomethane | Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chlorobromomethane | Chloroethane | Chloroform | Chloromethane | cis-1,2-Dichloroethene | cis-1,3-Dichloropropene | Dibromochloromethane | Dibromomethane | Dichlorodifluoromethane (Freon 12) | Ethanol | Ethyl tert-Butyl Ether (ETBE) | Ethylbenzene | Isopropyl ether | Isopropylbenzene (Cumene) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-14A | 1 | 6/18/2021 | Primary | -- | < 0.02 | **0.16** | < 0.001 | -- | -- | -- | < 0.02 | -- | -- | -- | -- | -- | -- | -- | < 0.01 | < 0.001 | -- | -- | -- | -- | -- | -- | **0.011** | -- | < 0.001 |
| | 5 | 6/18/2021 | Primary | -- | < 0.016 | **0.022** | < 0.00079 | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0079 | < 0.00079 | -- | -- | -- | -- | -- | -- | < 0.00079 | -- | < 0.00079 |
| | 10 | 6/18/2021 | Primary | -- | < 0.021 | **0.034** | < 0.001 | -- | -- | -- | < 0.021 | -- | -- | -- | -- | -- | -- | -- | < 0.01 | < 0.001 | -- | -- | -- | -- | -- | -- | < 0.001 | -- | < 0.001 |
| LV-15 | 1 | 6/21/2021 | Primary | -- | < 0.016 | < 0.016 | < 0.00081 | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0081 | < 0.00081 | -- | -- | -- | -- | -- | -- | < 0.00081 | -- | < 0.00081 |
| | 5 | 6/21/2021 | Primary | -- | < 0.018 | **0.024** | < 0.0009 | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.009 | < 0.0009 | -- | -- | -- | -- | -- | -- | < 0.0009 | -- | < 0.0009 |
| | 10 | 6/21/2021 | Primary | -- | < 0.018 | **0.025** | < 0.0009 | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.009 | < 0.0009 | -- | -- | -- | -- | -- | -- | < 0.0009 | -- | < 0.0009 |
| LV-16 | 1 | 6/21/2021 | Primary | -- | < 0.015 | **0.037** | **0.0014** | -- | -- | -- | < 0.015 | -- | -- | -- | -- | -- | -- | -- | < 0.0076 | < 0.00076 | -- | -- | -- | -- | -- | -- | < 0.00076 | -- | < 0.00076 |
| | 5 | 6/21/2021 | Primary | -- | < 0.0075 | < 0.0075 | **0.0015** | -- | -- | -- | < 0.0075 | -- | -- | -- | -- | -- | -- | -- | < 0.0038 | < 0.00038 | -- | -- | -- | -- | -- | -- | < 0.00038 | -- | < 0.00038 |
| | 10 | 6/21/2021 | Primary | -- | < 0.017 | < 0.017 | < 0.00086 | -- | -- | -- | < 0.017 | -- | -- | -- | -- | -- | -- | -- | < 0.0086 | < 0.00086 | -- | -- | -- | -- | -- | -- | < 0.00086 | -- | < 0.00086 |
| LV-17 | 1 | 6/21/2021 | Primary | -- | < 0.021 | **0.021** | < 0.001 | -- | -- | -- | < 0.021 | -- | -- | -- | -- | -- | -- | -- | < 0.01 | < 0.001 | -- | -- | -- | -- | **0.32** | -- | < 0.001 | -- | < 0.001 |
| | 5 | 6/21/2021 | Primary | **0.78** | < 0.83 | < 0.83 | < 0.042 | -- | -- | -- | < 0.83 | **1** | -- | -- | -- | -- | -- | -- | < 0.42 | < 0.042 | -- | -- | -- | -- | -- | -- | **0.1** | -- | < 0.042 |
| | 10 | 6/21/2021 | Primary | -- | < 0.018 | **0.018** | < 0.00089 | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.0089 | < 0.00089 | -- | -- | -- | -- | -- | -- | < 0.00089 | -- | < 0.00089 |
| LV-18 | 1 | 6/21/2021 | Primary | -- | < 0.018 | **0.062** | **0.0014** | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.009 | < 0.0009 | -- | -- | -- | -- | -- | -- | < 0.0009 | -- | < 0.0009 |
| | 5 | 6/21/2021 | Primary | -- | < 0.019 | < 0.019 | **0.0052** | -- | -- | -- | < 0.019 | -- | -- | -- | -- | -- | -- | -- | < 0.0093 | < 0.00093 | -- | -- | -- | -- | -- | -- | < 0.00093 | -- | < 0.00093 |
| | 10 | 6/21/2021 | Primary | -- | < 0.018 | < 0.018 | < 0.00091 | -- | -- | -- | < 0.018 | -- | -- | -- | -- | -- | -- | -- | < 0.0091 | < 0.00091 | -- | -- | -- | -- | -- | -- | < 0.00091 | -- | < 0.00091 |
| | 10 | 6/21/2021 | Duplicate | -- | < 0.013 | **0.015** | **0.0021** | -- | -- | -- | < 0.013 | -- | -- | -- | -- | -- | -- | -- | < 0.0064 | < 0.00064 | -- | -- | -- | -- | -- | -- | < 0.00064 | -- | < 0.00064 |
| LV-19 | 1 | 6/21/2021 | Primary | -- | < 0.02 | **0.29** | **0.0018** | -- | -- | -- | < 0.02 | -- | -- | -- | -- | -- | -- | -- | < 0.01 | < 0.001 | -- | -- | -- | -- | -- | -- | < 0.001 | -- | < 0.001 |
| | 5 | 6/21/2021 | Primary | -- | < 0.016 | < 0.016 | **0.0015** | -- | -- | -- | < 0.016 | -- | -- | -- | -- | -- | -- | -- | < 0.0082 | < 0.00082 | -- | -- | -- | -- | -- | -- | < 0.00082 | -- | < 0.00082 |
| | 10 | 6/21/2021 | Primary | -- | < 0.02 | **0.029** | < 0.00099 | -- | -- | -- | < 0.02 | -- | -- | -- | -- | -- | -- | -- | < 0.0099 | < 0.00099 | -- | -- | -- | -- | -- | -- | < 0.00099 | -- | < 0.00099 |
| MW-4 | 5 | 12/27/2022 | Primary | < 0.00035 | < 0.0037 | < 0.012 | **0.00038 J** | < 0.00026 | < 0.00041 | < 0.0017 | < 0.0083 | < 0.00026 | < 0.0005 | < 0.00038 | < 0.00034 | < 0.00056 | < 0.00093 | < 0.00074 | < 0.0019 | < 0.00042 | < 0.00044 | < 0.00034 | < 0.00038 | < 0.00057 | < 0.12 | < 0.0003 | < 0.00026 | < 0.00063 | < 0.00035 |
| | 10 | 12/27/2022 | Primary | < 0.00042 | < 0.0043 | < 0.015 | < 0.00038 | < 0.00031 | < 0.00049 | < 0.002 | < 0.0098 | < 0.00031 | < 0.0006 | < 0.00045 | < 0.0004 | < 0.00066 | < 0.0011 | < 0.00088 | < 0.0023 | < 0.0005 | < 0.00052 | < 0.00041 | < 0.00046 | < 0.00068 | **0.19 J** | < 0.00035 | < 0.00031 | < 0.00075 | < 0.00041 |
| MW-5 | 5 | 12/28/2022 | Primary | < 0.00023 | < 0.0024 | **0.016** | **0.0005 J** | < 0.00017 | < 0.00026 | < 0.0011 | < 0.0054 | < 0.00017 | < 0.00033 | < 0.00024 | < 0.00022 | < 0.00036 | < 0.0006 | < 0.00048 | < 0.0013 | < 0.00027 | < 0.00028 | < 0.00022 | < 0.00025 | < 0.00037 | **0.24** | < 0.00019 | < 0.00017 | < 0.00041 | < 0.00022 |
| | 10 | 12/28/2022 | Primary | < 0.00029 | < 0.003 | **0.012 J** | < 0.00026 | < 0.00021 | < 0.00033 | < 0.0014 | < 0.0067 | < 0.00022 | < 0.00041 | < 0.00031 | < 0.00027 | < 0.00046 | < 0.00076 | < 0.0006 | < 0.0016 | < 0.00035 | < 0.00036 | < 0.00028 | < 0.00031 | < 0.00046 | < 0.094 | < 0.00024 | < 0.00021 | < 0.00051 | < 0.00028 |
| MW-6 | 5 | 12/28/2022 | Primary | < 0.00022 | < 0.0023 | < 0.0078 | **0.0033** | < 0.00017 | < 0.00026 | < 0.0011 | < 0.0052 | < 0.00017 | **0.0052 J** | < 0.00024 | < 0.00021 | < 0.00035 | < 0.00059 | < 0.00047 | < 0.0012 | < 0.00027 | < 0.00028 | < 0.00022 | < 0.00024 | < 0.00036 | < 0.073 | < 0.00019 | **0.00056 J** | < 0.0004 | < 0.00022 |
| | 10 | 12/28/2022 | Primary | < 0.00027 | < 0.0027 | **0.019** | **0.002** | < 0.0002 | < 0.00031 | < 0.0012 | < 0.0062 | < 0.0002 | **0.00051 J** | < 0.00028 | < 0.00025 | < 0.00042 | < 0.0007 | < 0.00055 | < 0.0014 | < 0.00032 | < 0.00033 | < 0.00026 | < 0.00029 | < 0.00043 | < 0.087 | < 0.00022 | **0.00033 J** | < 0.00047 | < 0.00026 |
| SB-1 | 2 | 8/22/2020 | Primary | -- | < 0.0039 | < 0.078 | **0.0037** | -- | -- | -- | < 0.0039 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0039 | -- | -- | -- | -- | -- | -- | **0.00047** | -- | < 0.0039 |
| | 5 | 8/22/2020 | Primary | -- | < 0.0045 | < 0.089 | **0.00057** | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | **0.00021** | -- | < 0.0045 |
| SB-2 | 2 | 8/22/2020 | Primary | -- | < 0.0049 | **0.11** | **0.0092** | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | **0.00089** | -- | < 0.0049 |
| | 5 | 8/22/2020 | Primary | -- | < 0.005 | **0.068** | **0.0098** | -- | -- | -- | < 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.005 | -- | -- | -- | -- | -- | -- | **0.00061** | -- | < 0.005 |
| SB-3 | 10 | 8/21/2020 | Primary | -- | < 0.0045 | < 0.091 | < 0.0045 | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | < 0.0045 | -- | < 0.0045 |
| SB-4 | 2 | 8/21/2020 | Primary | -- | < 0.0048 | **0.063** | **0.0064** | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | **0.00049** | -- | < 0.0048 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0042 | < 0.0042 | **0.011** | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | -- | -- | **0.00036** | -- | < 0.0042 |
| SB-5 | 2 | 8/21/2020 | Primary | -- | **0.0017** | **0.14** | **0.013** | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | **0.0025** | -- | < 0.0053 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0049 | < 0.0049 | **0.00096** | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | < 0.0049 | -- | < 0.0049 |
| SB-6 | 2 | 8/22/2020 | Primary | -- | < 0.0039 | **0.077** | **0.0078** | -- | -- | -- | < 0.0039 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0039 | -- | -- | -- | -- | -- | -- | **0.0011** | -- | < 0.0039 |
| | 5 | 8/22/2020 | Primary | -- | < 0.0064 | < 0.0064 | **0.0029** | -- | -- | -- | < 0.0064 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0064 | -- | -- | -- | -- | -- | -- | < 0.0064 | -- | < 0.0064 |
| SB-7 | 2 | 8/22/2020 | Primary | -- | < 0.005 | **0.092** | < 0.005 | -- | -- | -- | **0.003** | -- | -- | -- | -- | -- | -- | -- | -- | < 0.005 | -- | -- | -- | -- | -- | -- | < 0.005 | -- | < 0.005 |
| | 5 | 8/22/2020 | Primary | -- | < 0.0045 | **0.13** | **0.0058** | -- | -- | -- | **0.0023** | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | **0.00077** | -- | < 0.0045 |
| SB-8 | 2 | 8/21/2020 | Primary | **0.0013 J** | < 0.004 | **0.19** | **0.0049** | -- | -- | -- | < 0.004 | **0.00077 J** | -- | -- | -- | -- | -- | -- | -- | < 0.004 | -- | -- | -- | -- | -- | -- | **0.0014** | -- | **0.00095** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0041 | **0.05** | **0.013** | -- | -- | -- | < 0.0041 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0041 | -- | -- | -- | -- | -- | -- | **0.0019** | -- | < 0.0041 |
| SB-9 | 2 | 8/21/2020 | Primary | -- | < 0.0048 | **0.12** | **0.014** | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | **0.0014** | -- | < 0.0048 |
| | 5 | 8/21/2020 | Primary | -- | **0.00074** | < 0.0051 | **0.0042** | -- | -- | -- | < 0.0051 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0051 | -- | -- | -- | -- | -- | -- | **0.00093** | -- | < 0.0051 |
| SB-10 | 2 | 8/21/2020 | Primary | -- | **0.00069** | **0.19** | **0.008** | -- | -- | -- | **0.0028** | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0056 | -- | -- | -- | -- | -- | -- | **0.0012** | -- | < 0.0056 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0049 | < 0.098 | **0.0067** | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | **0.0013** | -- | < 0.0049 |
| SB-11 | 2 | 8/21/2020 | Primary | -- | **1.3** | **1.4** | **0.015** | -- | -- | -- | **0.2** | -- | -- | -- | **0.0078 J** | -- | -- | -- | **0.04 B,J** | **0.64** | -- | -- | -- | -- | -- | -- | **0.33** | -- | **0.047** |
| | 5 | 8/21/2020 | Primary | -- | **0.0062** | **0.075** | **0.0086** | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | -- | -- | -- | -- | **0.0037** | -- | -- | -- | -- | -- | -- | **0.002** | -- | < 0.0042 |
| SB-12 | 2 | 8/21/2020 | Primary | -- | < 0.0044 | **0.049** | **0.02** | -- | -- | -- | < 0.0044 | -- | -- | -- | -- | -- | -- | -- | -- | **0.0024** | -- | -- | -- | -- | -- | -- | **0.0045** | -- | **0.00043** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0036 | **0.048** | **0.0059** | -- | -- | -- | < 0.0036 | -- | -- | -- | -- | -- | -- | -- | -- | **0.0088** | -- | -- | -- | -- | -- | -- | **0.00048** | -- | < 0.0036 |
| SB-13 | 2 | 8/21/2020 | Primary | -- | < 0.0048 | **0.2** | **0.0014** | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | < 0.0048 | -- | **0.078** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0045 | **0.11** | **0.0092** | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | -- | -- | **0.0015** | -- | -- | -- | -- | -- | -- | **0.0014** | -- | **0.0021** |
| | 10 | 8/21/2020 | Primary | -- | < 0.0045 | < 0.091 | **0.0033** | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | **0.00053** | -- | < 0.0045 |
| SB-14 | 2 | 8/21/2020 | Primary | -- | **0.0054** | **0.17** | **0.00059** | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | -- | **0.00063** | -- | < 0.006 |
| | 5 | 8/21/2020 | Primary | **0.0016 J** | **0.0067** | **0.31** | **0.0056** | -- | -- | -- | **0.00037** | **0.0014 J** | -- | -- | -- | -- | -- | -- | -- | **0.002** | -- | -- | -- | -- | -- | -- | **0.1** | -- | **0.0042** |
| SB-15 | 2 | 8/22/2020 | Primary | -- | < 0.0053 | **0.07** | **0.0007** | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | < 0.0053 | -- | < 0.0053 |
| | 5 | 8/22/2020 | Primary | -- | < 0.006 | **0.082** | **0.00069** | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | -- | < 0.006 | -- | < 0.006 |
| SB-16 | 2 | 8/21/2020 | Primary | -- | < 0.0046 | **0.16** | **0.0014** | -- | -- | -- | < 0.0046 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0046 | -- | -- | -- | -- | -- | -- | **0.048** | -- | **0.004** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0047 | < 0.094 | **0.0097** | -- | -- | -- | < 0.0047 | -- | -- | -- | -- | -- | -- | -- | -- | **0.00065** | -- | -- | -- | -- | -- | -- | **0.0027** | -- | < 0.0047 |

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 4-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Acetone | Benzene | Bromobenzene | Bromodichloromethane | Bromoform | Bromomethane | Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chlorobromomethane | Chloroethane | Chloroform | Chloromethane | cis-1,2-Dichloroethene | cis-1,3-Dichloropropene | Dibromochloromethane | Dibromomethane | Dichlorodifluoromethane (Freon 12) | Ethanol | Ethyl tert-Butyl Ether (ETBE) | Ethylbenzene | Isopropyl ether | Isopropylbenzene (Cumene) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-17 | 2 | 8/22/2020 | Primary | **0.0021 J** | **0.016** | **0.5** | **0.0013** | -- | -- | -- | < 0.0041 | **0.0024 J** | -- | -- | **0.00056 J** | -- | -- | -- | -- | **0.005** | -- | -- | -- | -- | -- | -- | **0.12** | -- | **0.0021** |
| | 5 | 8/22/2020 | Primary | **0.00062 J** | **0.0026** | **0.15** | **0.0099** | -- | -- | -- | < 0.0053 | **0.00078 J** | -- | -- | **0.00049 J** | -- | **0.00081 J** | -- | -- | **0.0011** | -- | -- | -- | -- | -- | -- | **0.053** | -- | **0.00076** |
| SB-18 | 2 | 8/22/2020 | Primary | -- | < 0.0053 | **0.11** | **0.0076** | -- | -- | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | -- | **0.048** | -- | -- | -- | -- | -- | -- | **0.0012** | -- | < 0.0053 |
| | 5 | 8/22/2020 | Primary | -- | < 0.005 | < 0.1 | **0.0046** | -- | -- | -- | < 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | **0.022** | -- | -- | -- | -- | -- | -- | **0.00064** | -- | < 0.005 |
| SB-19 | 2 | 8/21/2020 | Primary | **0.001 J** | **0.0044** | **0.21** | **0.021** | -- | -- | -- | < 0.0078 | **0.0017 J** | -- | -- | -- | -- | -- | -- | -- | **0.0086** | -- | -- | -- | -- | -- | -- | **0.023** | -- | **0.0019** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0046 | < 0.093 | **0.0033** | -- | -- | -- | < 0.0046 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0046 | -- | -- | -- | -- | -- | -- | **0.0015** | -- | < 0.0046 |
| SB-20 | 2 | 8/21/2020 | Primary | **0.02** | < 0.1 | < 0.1 | **0.0044** | -- | -- | -- | **0.0025** | -- | -- | -- | **0.00023 J** | -- | **0.00032 J** | -- | -- | **0.0012** | -- | -- | -- | -- | -- | -- | **0.04** | -- | **0.0063** |
| | 5 | 8/21/2020 | Primary | **0.001 J** | < 0.005 | **0.058** | **0.0011** | -- | -- | -- | < 0.005 | **0.00071** | -- | -- | -- | -- | -- | -- | -- | < 0.005 | -- | -- | -- | -- | -- | -- | < 0.005 | -- | < 0.005 |
| SB-21 | 2 | 8/21/2020 | Primary | -- | **0.046** | **0.18** | < 0.005 | -- | -- | -- | < 0.005 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.005 | -- | -- | -- | -- | -- | -- | < 0.005 | -- | < 0.005 |
| | 5 | 8/21/2020 | Primary | **0.41 J** | < 1 | < 20 | **0.11** | -- | -- | -- | < 1 | **0.8 J** | -- | -- | -- | -- | -- | -- | -- | **0.11** | -- | -- | -- | -- | -- | -- | **12** | -- | **1.2** |
| | 10 | 8/21/2020 | Primary | -- | < 0.0048 | **0.057** | **0.0026** | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | -- | **0.00038** | -- | -- | -- | -- | -- | -- | **0.0034** | -- | < 0.0048 |
| SB-22 | 2 | 8/21/2020 | Primary | -- | < 0.0044 | < 0.088 | < 0.0044 | -- | -- | -- | < 0.0044 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0044 | -- | -- | -- | -- | -- | -- | < 0.0044 | -- | < 0.0044 |
| | 5 | 8/21/2020 | Primary | -- | **0.00082** | **0.067** | **0.013** | -- | -- | -- | < 0.0052 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0052 | -- | -- | -- | -- | -- | -- | **0.0037** | -- | **0.00034** |
| SB-23 | 2 | 8/21/2020 | Primary | **0.59** | **3.2** | < 30 | < 1.5 | -- | -- | -- | **1.5** | **6.5** | -- | -- | -- | -- | -- | -- | -- | < 1.5 | -- | -- | -- | -- | -- | -- | **4.1** | -- | **0.5** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0057 | < 0.11 | **0.0071** | -- | -- | -- | < 0.0057 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0057 | -- | -- | -- | -- | -- | -- | **0.0011** | -- | < 0.0057 |
| SB-24 | 2 | 8/21/2020 | Primary | -- | < 0.0058 | < 0.0058 | **0.0095** | -- | -- | -- | < 0.0058 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0058 | -- | -- | -- | -- | -- | -- | **0.0013** | -- | < 0.0058 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0056 | < 0.11 | **0.0082** | -- | -- | -- | < 0.0056 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0056 | -- | -- | -- | -- | -- | -- | **0.0011** | -- | < 0.0056 |
| SB-25 | 2 | 8/21/2020 | Primary | -- | < 0.0049 | **0.09** | **0.0016** | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | **0.049** | -- | **0.00068** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0048 | < 0.096 | **0.00089** | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | < 0.0048 | -- | < 0.0048 |
| SB-26 | 2 | 8/21/2020 | Primary | -- | < 0.0071 | **0.11** | **0.014** | -- | -- | -- | < 0.0071 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0071 | -- | -- | -- | -- | -- | -- | **0.0019** | -- | < 0.0071 |
| | 5 | 8/21/2020 | Primary | -- | **0.0011** | < 0.1 | **0.0037** | -- | -- | -- | < 0.0068 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0068 | -- | -- | -- | -- | -- | -- | **0.00041** | -- | < 0.0068 |
| SB-27 | 2 | 8/21/2020 | Primary | -- | < 0.0048 | < 0.096 | < 0.0048 | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | -- | **0.00022** | -- | -- | -- | -- | -- | -- | < 0.0048 | -- | < 0.0048 |
| | 5 | 8/21/2020 | Primary | -- | **0.00019** | < 0.0054 | **0.0098** | -- | -- | -- | **0.0026** | -- | -- | -- | -- | -- | -- | -- | -- | **0.0025** | -- | -- | -- | -- | -- | -- | **0.0016** | -- | < 0.0054 |
| SB-28 | 2 | 8/21/2020 | Primary | -- | **0.00021** | < 0.12 | < 0.006 | -- | -- | -- | **0.0029** | -- | -- | -- | -- | -- | -- | -- | -- | **0.0024** | -- | -- | -- | -- | -- | -- | < 0.006 | -- | < 0.006 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0042 | < 0.083 | **0.004** | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | -- | -- | -- | -- | **0.0023** | -- | -- | -- | -- | -- | -- | **0.00073** | -- | < 0.0042 |
| SB-29 | 2 | 8/21/2020 | Primary | -- | < 0.0043 | **0.13** | **0.00038** | -- | -- | -- | **0.002** | -- | -- | -- | -- | -- | -- | -- | -- | **0.00021** | -- | -- | -- | -- | -- | -- | **0.00029** | -- | < 0.0043 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0061 | < 0.12 | **0.0054** | -- | -- | -- | < 0.0061 | -- | -- | -- | -- | -- | -- | -- | -- | **0.0011** | -- | -- | -- | -- | -- | -- | **0.00066** | -- | < 0.0061 |
| SB-30 | 2 | 8/22/2020 | Primary | -- | < 0.0057 | **0.063** | **0.00037** | -- | -- | -- | < 0.0057 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0057 | -- | -- | -- | -- | -- | -- | < 0.0057 | -- | < 0.0057 |
| | 5 | 8/22/2020 | Primary | -- | < 0.0042 | < 0.083 | **0.0089** | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0042 | -- | -- | -- | -- | -- | -- | **0.00055** | -- | < 0.0042 |
| SB-31 | 2 | 8/22/2020 | Primary | -- | < 0.006 | < 0.12 | **0.00027** | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | -- | < 0.006 | -- | < 0.006 |
| | 5 | 8/22/2020 | Primary | -- | < 0.0054 | < 0.11 | **0.0019** | -- | -- | -- | < 0.0054 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0054 | -- | -- | -- | -- | -- | -- | < 0.0054 | -- | < 0.0054 |
| SB-32 | 2 | 8/22/2020 | Primary | -- | **0.00034** | < 0.13 | **0.00024** | -- | -- | -- | < 0.0064 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0064 | -- | -- | -- | -- | -- | -- | < 0.0064 | -- | < 0.0064 |
| | 5 | 8/22/2020 | Primary | -- | < 0.05 | **0.056** | **0.0028** | -- | -- | -- | < 0.0047 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0047 | -- | -- | -- | -- | -- | -- | < 0.0047 | -- | < 0.0047 |
| SB-33 | 2 | 8/22/2020 | Primary | -- | < 0.0048 | **0.05** | **0.011** | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | **0.00099** | -- | < 0.0048 |
| | 5 | 8/22/2020 | Primary | -- | < 0.006 | < 0.12 | **0.01** | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | -- | -- | -- | < 0.006 | -- | -- | -- | -- | -- | -- | **0.00092** | -- | < 0.006 |

**Notes:**
Results in milligrams per kilogram (mg/kg)
Detected results are presented in bold
-- = results not available or sample not analyzed
< = Analyte was not detected at the given reporting limit
bgs = below ground surface
J = estimated value

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | m,p-Xylenes | Methyl tert-butyl ether (MTBE) | Methylene Chloride | Naphthalene | o-Xylene | Propylbenzene | sec-Butylbenzene | Styrene | Tert-Amyl Methyl Ether (TAME) | tert-Butyl Alcohol (TBA) | tert-Butylbenzene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene | trans-1,3-Dichloropropene | Trichloroethene | Trichlorofluoromethane (Freon 11) | Vinyl Acetate | Vinyl Chloride | Xylenes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-1 | 10 | 9/18/2020 | Primary | -- | < 0.0053 | **0.0033 B,J** | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | < 0.0053 | < 0.0053 | < 0.0053 | -- | < 0.0053 | -- | -- | < 0.0053 | < 0.0053 |
| HP-2 | 10 | 9/18/2020 | Primary | -- | < 0.0045 | **0.0027 B,J** | < 0.0045 | -- | -- | -- | -- | -- | -- | -- | **0.0053** | < 0.0045 | < 0.0045 | -- | < 0.0045 | -- | -- | < 0.0045 | < 0.0045 |
| HP-3 | 10 | 9/18/2020 | Primary | -- | < 0.0066 | **0.0018 B,J** | < 0.0066 | -- | -- | -- | -- | -- | -- | -- | **0.014** | < 0.0066 | < 0.0066 | -- | **0.0017 J** | -- | -- | < 0.0066 | < 0.0066 |
| HP-4 | 10 | 9/18/2020 | Primary | -- | < 0.0053 | **0.0013 B,J** | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | < 0.0053 | **0.00094 J** | < 0.0053 | -- | < 0.0053 | -- | -- | < 0.0053 | **0.00035 J** |
| HP-5 | 5 | 3/8/2023 | Primary | **0.00051 J** | < 0.00015 | < 0.0026 | < 0.0032 | **0.00027 J** | < 0.00021 | < 0.00023 | < 0.00026 | < 0.00016 | **0.041** | < 0.00021 | < 0.00018 | **0.0033** | < 0.00025 | < 0.00023 | < 0.00032 | < 0.00022 | < 0.0032 | < 0.00031 | **0.00078** |
| HP-6 | 5 | 3/8/2023 | Primary | < 0.00039 | < 0.00015 | < 0.0026 | < 0.0032 | < 0.00021 | < 0.00021 | < 0.00022 | < 0.00026 | < 0.00016 | **0.019** | < 0.00021 | < 0.00018 | **0.00027 J** | < 0.00025 | < 0.00023 | < 0.00032 | < 0.00022 | < 0.0032 | < 0.00031 | < 0.00039 |
| | 10 | 3/8/2023 | Primary | < 0.00055 | < 0.00022 | < 0.0036 | < 0.0045 | < 0.0003 | < 0.0003 | < 0.00032 | < 0.00037 | < 0.00022 | **0.036** | < 0.00029 | < 0.00026 | < 0.00031 | < 0.00035 | < 0.00032 | < 0.00045 | < 0.00032 | < 0.0045 | < 0.00044 | < 0.00055 |
| HP-7 | 5 | 3/8/2023 | Primary | < 0.0004 | < 0.00016 | < 0.0026 | < 0.0033 | < 0.00021 | < 0.00022 | < 0.00023 | < 0.00027 | < 0.00016 | **0.023** | < 0.00021 | < 0.00019 | **0.00031 J** | < 0.00025 | < 0.00023 | < 0.00032 | < 0.00023 | < 0.0033 | < 0.00032 | < 0.0004 |
| HP-8 | 5 | 3/8/2023 | Primary | < 0.00038 | < 0.00015 | < 0.0025 | < 0.0032 | < 0.00021 | < 0.00021 | < 0.00022 | < 0.00026 | < 0.00016 | **0.014 J** | < 0.00021 | **0.00026 J** | < 0.00022 | < 0.00024 | < 0.00023 | < 0.00031 | < 0.00022 | < 0.0032 | < 0.00031 | < 0.00038 |
| | 10 | 3/8/2023 | Primary | < 0.00048 | < 0.00019 | < 0.0031 | < 0.0039 | < 0.00026 | < 0.00026 | < 0.00028 | < 0.00032 | < 0.0002 | **0.03** | < 0.00026 | < 0.00022 | < 0.00027 | < 0.0003 | < 0.00028 | < 0.00039 | < 0.00027 | < 0.0039 | < 0.00038 | < 0.00048 |
| HP-9 | 5 | 3/7/2023 | Primary | **0.00095 J** | < 0.00017 | < 0.0028 | < 0.0035 | **0.00033 J** | < 0.00023 | < 0.00024 | < 0.00028 | < 0.00017 | **0.042** | < 0.00023 | **0.033** | **0.0033** | < 0.00027 | < 0.00025 | **0.00092 J** | < 0.00024 | < 0.0035 | < 0.00034 | **0.00128** |
| | 10 | 3/7/2023 | Primary | < 0.00048 | < 0.00019 | < 0.0032 | < 0.004 | < 0.00026 | < 0.00027 | < 0.00028 | < 0.00032 | < 0.0002 | **0.035** | < 0.00026 | **0.012** | < 0.00027 | < 0.00031 | < 0.00029 | **0.00041 J** | < 0.00028 | < 0.004 | < 0.00039 | < 0.00048 |
| HP-10 | 5 | 3/7/2023 | Primary | **0.00068 J** | < 0.00015 | < 0.0026 | < 0.0032 | **0.00026 J** | < 0.00021 | < 0.00022 | < 0.00026 | < 0.00016 | **0.017** | < 0.00021 | **0.0014** | **0.0023** | < 0.00025 | < 0.00023 | < 0.00032 | < 0.00022 | < 0.0032 | < 0.00031 | **0.00094** |
| | 10 | 3/7/2023 | Primary | < 0.00055 | < 0.00022 | < 0.0036 | < 0.0045 | < 0.0003 | < 0.0003 | < 0.00032 | < 0.00037 | < 0.00022 | **0.083** | < 0.00029 | **0.0067** | < 0.00031 | < 0.00035 | < 0.00032 | **0.00048 J** | < 0.00032 | < 0.0045 | < 0.00044 | < 0.00055 |
| HP-11 | 5 | 3/7/2023 | Primary | **0.00052 J** | < 0.00014 | < 0.0023 | < 0.0028 | **0.0002 J** | < 0.00019 | < 0.0002 | < 0.00023 | < 0.00014 | **0.073** | < 0.00018 | < 0.00016 | **0.0015** | < 0.00022 | < 0.0002 | < 0.00028 | < 0.0002 | < 0.0028 | < 0.00027 | **0.00072** |
| | 10 | 3/7/2023 | Primary | < 0.00052 | < 0.00021 | < 0.0034 | < 0.0043 | < 0.00028 | < 0.00029 | < 0.0003 | < 0.00035 | < 0.00021 | **0.028** | < 0.00028 | **0.00088 J** | < 0.0003 | < 0.00033 | < 0.00031 | < 0.00043 | < 0.0003 | < 0.0043 | < 0.00042 | < 0.00052 |
| HP-12 | 5 | 3/7/2023 | Primary | < 0.00049 | < 0.00019 | < 0.0032 | < 0.0041 | < 0.00026 | < 0.00027 | < 0.00028 | < 0.00033 | < 0.0002 | **0.039** | < 0.00026 | **0.00055 J** | **0.00041 J** | < 0.00031 | < 0.00029 | < 0.0004 | < 0.00028 | < 0.0041 | < 0.00039 | < 0.00049 |
| | 10 | 3/7/2023 | Primary | < 0.00047 | < 0.00019 | < 0.0031 | < 0.0039 | < 0.00026 | < 0.00026 | < 0.00027 | < 0.00032 | < 0.00019 | **0.065** | < 0.00025 | **0.003** | < 0.00027 | < 0.0003 | < 0.00028 | < 0.00039 | < 0.00027 | < 0.0039 | < 0.00038 | < 0.00047 |
| HP-13 | 5 | 3/7/2023 | Primary | **0.00046 J** | **0.0014 J** | < 0.0029 | < 0.0036 | < 0.00023 | < 0.00024 | < 0.00025 | < 0.00029 | < 0.00018 | **0.035** | < 0.00023 | < 0.0002 | **0.00026 J** | < 0.00027 | < 0.00026 | < 0.00035 | < 0.00025 | < 0.0036 | < 0.00035 | **0.00046** |
| | 10 | 3/7/2023 | Primary | < 0.00046 | **0.0004 J** | < 0.003 | < 0.0038 | < 0.00025 | < 0.00025 | < 0.00027 | < 0.00031 | < 0.00019 | **0.042** | < 0.00025 | < 0.00022 | < 0.00026 | < 0.00029 | < 0.00027 | < 0.00038 | < 0.00027 | < 0.0038 | < 0.00037 | < 0.00046 |
| HP-14 | 5 | 3/8/2023 | Primary | < 0.0004 | < 0.00016 | < 0.0026 | < 0.0033 | < 0.00021 | < 0.00022 | < 0.00023 | < 0.00027 | < 0.00016 | **0.013 J** | < 0.00021 | **0.0019** | **0.00044 J** | < 0.00025 | < 0.00023 | < 0.00032 | < 0.00023 | < 0.0033 | < 0.00032 | < 0.0004 |
| | 10 | 3/8/2023 | Primary | < 0.0005 | < 0.0002 | < 0.0033 | < 0.0042 | < 0.00027 | < 0.00028 | < 0.00029 | < 0.00034 | < 0.00021 | **0.027** | < 0.00027 | < 0.00024 | < 0.00028 | < 0.00032 | < 0.0003 | < 0.00041 | < 0.00029 | < 0.0041 | < 0.0004 | < 0.0005 |
| HP-15 | 5 | 3/7/2023 | Primary | **0.016** | < 0.00014 | < 0.0024 | **0.0082** | **0.0071** | **0.0016** | **0.00022 J** | < 0.00024 | < 0.00015 | **0.052** | < 0.00019 | **0.00033 J** | **0.055** | < 0.00023 | < 0.00021 | < 0.0003 | < 0.00021 | < 0.003 | < 0.00029 | **0.0231** |
| | 10 | 3/7/2023 | Primary | < 0.00046 | < 0.00018 | < 0.003 | < 0.0038 | < 0.00025 | < 0.00025 | < 0.00027 | < 0.00031 | < 0.00019 | **0.019 J** | < 0.00025 | **0.012** | < 0.00026 | < 0.00029 | < 0.00027 | **0.001 J** | < 0.00027 | < 0.0038 | < 0.00037 | < 0.00046 |
| LDB-1 | 0.5 | 2/16/2023 | Primary | < 0.00037 | -- | -- | < 0.0031 | < 0.0002 | < 0.00021 | < 0.00022 | -- | -- | -- | < 0.0002 | < 0.00018 | **0.0018** | -- | -- | -- | -- | -- | -- | < 0.00037 |
| | 2.5 | 2/16/2023 | Primary | < 0.00041 | -- | -- | < 0.0034 | < 0.00022 | < 0.00022 | < 0.00024 | -- | -- | -- | < 0.00022 | < 0.00019 | < 0.00023 | -- | -- | -- | -- | -- | -- | < 0.00041 |
| | 5 | 2/16/2023 | Primary | < 0.00041 | -- | -- | < 0.0034 | < 0.00022 | < 0.00022 | < 0.00023 | -- | -- | -- | < 0.00022 | < 0.00019 | < 0.00023 | -- | -- | -- | -- | -- | -- | < 0.00041 |
| | 7.5 | 2/16/2023 | Primary | < 0.00039 | -- | -- | < 0.0033 | < 0.00021 | < 0.00022 | < 0.00023 | -- | -- | -- | < 0.00021 | < 0.00019 | < 0.00022 | -- | -- | -- | -- | -- | -- | < 0.00039 |
| | 10 | 2/16/2023 | Primary | < 0.00043 | -- | -- | < 0.0036 | < 0.00023 | < 0.00024 | < 0.00025 | -- | -- | -- | < 0.00023 | < 0.0002 | < 0.00024 | -- | -- | -- | -- | -- | -- | < 0.00043 |
| LDB-2/3 | 0.5 | 2/16/2023 | Primary | < 0.0004 | -- | -- | < 0.0033 | < 0.00021 | < 0.00022 | < 0.00023 | -- | -- | -- | < 0.00021 | < 0.00019 | < 0.00023 | -- | -- | -- | -- | -- | -- | < 0.0004 |
| | 2.5 | 2/16/2023 | Primary | < 0.00039 | -- | -- | < 0.0032 | < 0.00021 | < 0.00021 | < 0.00022 | -- | -- | -- | < 0.00021 | < 0.00018 | < 0.00022 | -- | -- | -- | -- | -- | -- | < 0.00039 |
| | 5 | 2/16/2023 | Primary | < 0.00047 | -- | -- | < 0.0039 | < 0.00025 | < 0.00026 | < 0.00027 | -- | -- | -- | < 0.00025 | < 0.00022 | < 0.00027 | -- | -- | -- | -- | -- | -- | < 0.00047 |
| | 7.5 | 2/16/2023 | Primary | < 0.00047 | -- | -- | < 0.0039 | < 0.00025 | < 0.00026 | < 0.00027 | -- | -- | -- | < 0.00025 | < 0.00022 | < 0.00027 | -- | -- | -- | -- | -- | -- | < 0.00047 |
| | 10 | 2/16/2023 | Primary | < 0.00038 | -- | -- | < 0.0031 | < 0.0002 | < 0.00021 | < 0.00022 | -- | -- | -- | < 0.0002 | < 0.00018 | < 0.00021 | -- | -- | -- | -- | -- | -- | < 0.00038 |
| LDB-4 | 0.5 | 2/16/2023 | Primary | < 0.0004 | -- | -- | < 0.0033 | < 0.00022 | < 0.00022 | < 0.00023 | -- | -- | -- | < 0.00022 | < 0.00019 | **0.00086** | -- | -- | -- | -- | -- | -- | < 0.0004 |
| | 2.5 | 2/16/2023 | Primary | < 0.00046 | -- | -- | < 0.0039 | < 0.00025 | < 0.00026 | < 0.00027 | -- | -- | -- | < 0.00025 | < 0.00022 | < 0.00026 | -- | -- | -- | -- | -- | -- | < 0.00046 |
| | 5 | 2/16/2023 | Primary | < 0.00044 | -- | -- | < 0.0036 | < 0.00023 | < 0.00024 | < 0.00025 | -- | -- | -- | < 0.00023 | < 0.00021 | < 0.00025 | -- | -- | -- | -- | -- | -- | < 0.00044 |
| | 7.5 | 2/16/2023 | Primary | < 0.00047 | -- | -- | < 0.0039 | < 0.00026 | < 0.00026 | < 0.00027 | -- | -- | -- | < 0.00025 | < 0.00022 | < 0.00027 | -- | -- | -- | -- | -- | -- | < 0.00047 |
| | 10 | 2/16/2023 | Primary | < 0.00046 | -- | -- | < 0.0038 | < 0.00025 | < 0.00025 | < 0.00027 | -- | -- | -- | < 0.00025 | < 0.00022 | < 0.00026 | -- | -- | -- | -- | -- | -- | < 0.00046 |
| LDB-5 | 0.5 | 2/16/2023 | Primary | **380** | -- | -- | **5.9** | **150** | **13** | **1.9** | -- | -- | -- | < 0.075 | < 0.066 | **110** | -- | -- | -- | -- | -- | -- | **530** |
| | 2.5 | 2/16/2023 | Primary | **730** | -- | -- | **17** | **280** | **34** | **7.4** | -- | -- | -- | < 0.14 | **0.79** | **100** | -- | -- | -- | -- | -- | -- | **1010** |
| | 5 | 2/16/2023 | Primary | < 0.00048 | -- | -- | < 0.004 | < 0.00026 | < 0.00026 | < 0.00028 | -- | -- | -- | < 0.00026 | < 0.00023 | < 0.00027 | -- | -- | -- | -- | -- | -- | < 0.00048 |
| | 7.5 | 2/16/2023 | Primary | **0.0045** | -- | -- | < 0.0036 | **0.0025** | < 0.00024 | < 0.00025 | -- | -- | -- | < 0.00023 | < 0.0002 | **0.001** | -- | -- | -- | -- | -- | -- | **0.007** |
| | 10 | 2/16/2023 | Primary | < 0.00036 | -- | -- | < 0.003 | < 0.0002 | < 0.0002 | < 0.00021 | -- | -- | -- | < 0.0002 | < 0.00017 | < 0.00021 | -- | -- | -- | -- | -- | -- | < 0.00036 |
| LDB-6 | 0.5 | 2/16/2023 | Primary | **2.3** | -- | -- | < 0.35 | **1** | < 0.023 | **0.34** | -- | -- | -- | **0.51** | **0.15** | **1.8** | -- | -- | -- | -- | -- | -- | **3.3** |
| | 2.5 | 2/16/2023 | Primary | < 0.02 | -- | -- | < 0.16 | < 0.011 | < 0.011 | < 0.011 | -- | -- | -- | < 0.011 | < 0.0092 | < 0.011 | -- | -- | -- | -- | -- | -- | < 0.02 |
| | 5 | 2/16/2023 | Primary | < 0.0004 | -- | -- | < 0.0033 | < 0.00021 | < 0.00022 | < 0.00023 | -- | -- | -- | < 0.00021 | < 0.00019 | **0.0012** | -- | -- | -- | -- | -- | -- | < 0.0004 |
| | 7.5 | 2/16/2023 | Primary | < 0.0005 | -- | -- | < 0.0041 | < 0.00027 | < 0.00027 | < 0.00029 | -- | -- | -- | < 0.00027 | < 0.00024 | < 0.00028 | -- | -- | -- | -- | -- | -- | < 0.0005 |
| | 10 | 2/16/2023 | Primary | < 0.00048 | -- | -- | < 0.004 | < 0.00026 | < 0.00026 | < 0.00028 | -- | -- | -- | < 0.00026 | < 0.00023 | < 0.00027 | -- | -- | -- | -- | -- | -- | < 0.00048 |
| LDB-7 | 0.5 | 2/16/2023 | Primary | < 0.00042 | -- | -- | < 0.0035 | < 0.00023 | < 0.00023 | < 0.00024 | -- | -- | -- | < 0.00023 | < 0.0002 | < 0.00024 | -- | -- | -- | -- | -- | -- | < 0.00042 |
| | 2.5 | 2/16/2023 | Primary | < 0.0004 | -- | -- | < 0.0034 | < 0.00022 | < 0.00022 | < 0.00023 | -- | -- | -- | < 0.00022 | < 0.00019 | < 0.00023 | -- | -- | -- | -- | -- | -- | < 0.0004 |
| | 5 | 2/16/2023 | Primary | < 0.00041 | -- | -- | < 0.0034 | < 0.00022 | < 0.00023 | < 0.00024 | -- | -- | -- | < 0.00022 | < 0.0002 | < 0.00024 | -- | -- | -- | -- | -- | -- | < 0.00041 |
| | 7.5 | 2/16/2023 | Primary | < 0.00045 | -- | -- | < 0.0037 | < 0.00024 | < 0.00025 | < 0.00026 | -- | -- | -- | < 0.00024 | < 0.00021 | < 0.00026 | -- | -- | -- | -- | -- | -- | < 0.00045 |
| | 10 | 2/16/2023 | Primary | < 0.00041 | -- | -- | < 0.0034 | < 0.00022 | < 0.00023 | < 0.00024 | -- | -- | -- | < 0.00022 | < 0.0002 | < 0.00024 | -- | -- | -- | -- | -- | -- | < 0.00041 |

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | m,p-Xylenes | Methyl tert-butyl ether (MTBE) | Methylene Chloride | Naphthalene | o-Xylene | Propylbenzene | sec-Butylbenzene | Styrene | Tert-Amyl Methyl Ether (TAME) | tert-Butyl Alcohol (TBA) | tert-Butylbenzene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene | trans-1,3-Dichloropropene | Trichloroethene | Trichlorofluoromethane (Freon 11) | Vinyl Acetate | Vinyl Chloride | Xylenes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LDB-8 | 0.5 | 2/16/2023 | Primary | < 0.00044 | -- | -- | < 0.0036 | < 0.00024 | < 0.00024 | < 0.00025 | -- | -- | -- | < 0.00024 | < 0.00021 | < 0.00025 | -- | -- | -- | -- | -- | -- | < 0.00044 |
| | 2.5 | 2/16/2023 | Primary | < 0.00044 | -- | -- | < 0.0036 | < 0.00023 | < 0.00024 | < 0.00025 | -- | -- | -- | < 0.00023 | < 0.00021 | **0.0012** | -- | -- | -- | -- | -- | -- | < 0.00044 |
| | 5 | 2/16/2023 | Primary | < 0.00038 | -- | -- | < 0.0031 | < 0.0002 | < 0.00021 | < 0.00022 | -- | -- | -- | < 0.0002 | < 0.00018 | **0.0033** | -- | -- | -- | -- | -- | -- | < 0.00038 |
| | 7.5 | 2/16/2023 | Primary | < 0.0005 | -- | -- | < 0.0041 | < 0.00027 | < 0.00027 | < 0.00029 | -- | -- | -- | < 0.00027 | < 0.00024 | < 0.00028 | -- | -- | -- | -- | -- | -- | < 0.0005 |
| | 10 | 2/16/2023 | Primary | < 0.00044 | -- | -- | < 0.0036 | < 0.00023 | < 0.00024 | < 0.00025 | -- | -- | -- | < 0.00023 | < 0.00021 | < 0.00025 | -- | -- | -- | -- | -- | -- | < 0.00044 |
| LDB-9 | 0.5 | 2/16/2023 | Primary | < 0.00047 | -- | -- | < 0.0039 | < 0.00025 | < 0.00026 | < 0.00027 | -- | -- | -- | < 0.00025 | < 0.00022 | < 0.00026 | -- | -- | -- | -- | -- | -- | < 0.00047 |
| | 2.5 | 2/16/2023 | Primary | < 0.00046 | -- | -- | < 0.0038 | < 0.00025 | < 0.00025 | < 0.00027 | -- | -- | -- | < 0.00025 | < 0.00022 | **0.0015** | -- | -- | -- | -- | -- | -- | < 0.00046 |
| | 5 | 2/16/2023 | Primary | < 0.00038 | -- | -- | < 0.0031 | < 0.0002 | < 0.00021 | < 0.00022 | -- | -- | -- | < 0.0002 | < 0.00018 | **0.0037** | -- | -- | -- | -- | -- | -- | < 0.00038 |
| | 7.5 | 2/16/2023 | Primary | < 0.00048 | -- | -- | < 0.004 | < 0.00026 | < 0.00026 | < 0.00028 | -- | -- | -- | < 0.00026 | < 0.00023 | **0.0018** | -- | -- | -- | -- | -- | -- | < 0.00048 |
| | 10 | 2/16/2023 | Primary | < 0.00047 | -- | -- | < 0.0039 | < 0.00026 | < 0.00026 | < 0.00027 | -- | -- | -- | < 0.00025 | < 0.00022 | < 0.00027 | -- | -- | -- | -- | -- | -- | < 0.00047 |
| LDB-10 | 0.5 | 2/16/2023 | Primary | < 0.00048 | -- | -- | < 0.004 | < 0.00026 | < 0.00027 | < 0.00028 | -- | -- | -- | < 0.00026 | < 0.00023 | **0.0015** | -- | -- | -- | -- | -- | -- | < 0.00048 |
| | 2.5 | 2/16/2023 | Primary | < 0.00044 | -- | -- | < 0.0036 | < 0.00024 | < 0.00024 | < 0.00025 | -- | -- | -- | < 0.00024 | < 0.00021 | **0.0015** | -- | -- | -- | -- | -- | -- | < 0.00044 |
| | 5 | 2/16/2023 | Primary | < 0.00037 | -- | -- | < 0.0031 | < 0.0002 | < 0.0002 | < 0.00021 | -- | -- | -- | < 0.0002 | < 0.00017 | < 0.00021 | -- | -- | -- | -- | -- | -- | < 0.00037 |
| | 7.5 | 2/16/2023 | Primary | < 0.00047 | -- | -- | < 0.0039 | < 0.00025 | < 0.00026 | < 0.00027 | -- | -- | -- | < 0.00025 | < 0.00022 | < 0.00027 | -- | -- | -- | -- | -- | -- | < 0.00047 |
| | 10 | 2/16/2023 | Primary | < 0.00048 | -- | -- | < 0.0039 | < 0.00026 | < 0.00026 | < 0.00028 | -- | -- | -- | < 0.00026 | < 0.00022 | < 0.00027 | -- | -- | -- | -- | -- | -- | < 0.00048 |
| LV-1 | 1 | 6/23/2021 | Primary | -- | < 0.0016 | -- | < 0.008 | -- | -- | -- | -- | -- | -- | -- | < 0.0008 | **0.00086** | < 0.0008 | -- | < 0.0016 | -- | -- | < 0.0008 | < 0.0016 |
| | 5 | 6/23/2021 | Primary | -- | < 0.0016 | -- | < 0.0078 | -- | -- | -- | -- | -- | -- | -- | < 0.00078 | < 0.00078 | < 0.00078 | -- | < 0.0016 | -- | -- | < 0.00078 | < 0.0016 |
| | 10 | 6/23/2021 | Primary | -- | < 0.002 | -- | < 0.0099 | -- | -- | -- | -- | -- | -- | -- | < 0.00099 | < 0.00099 | < 0.00099 | -- | < 0.002 | -- | -- | < 0.00099 | < 0.002 |
| LV-2 | 1 | 6/22/2021 | Primary | -- | < 0.0017 | -- | < 0.0083 | -- | -- | -- | -- | -- | -- | -- | < 0.00083 | **0.0015** | < 0.00083 | -- | < 0.0017 | -- | -- | < 0.00083 | < 0.0017 |
| | 5 | 6/22/2021 | Primary | -- | < 0.0018 | -- | < 0.0091 | -- | -- | -- | -- | -- | -- | -- | < 0.00091 | **0.0014** | < 0.00091 | -- | < 0.0018 | -- | -- | < 0.00091 | < 0.0018 |
| | 10 | 6/22/2021 | Primary | -- | < 0.0021 | -- | < 0.011 | -- | -- | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | < 0.0011 | -- | < 0.0021 | -- | -- | < 0.0011 | < 0.0021 |
| LV-3 | 1 | 6/22/2021 | Primary | -- | < 0.0013 | -- | < 0.0063 | -- | -- | -- | -- | -- | -- | -- | **0.0054** | **0.0012** | < 0.00063 | -- | **0.015** | -- | -- | < 0.00063 | < 0.0013 |
| | 5 | 6/22/2021 | Primary | -- | < 0.0017 | -- | < 0.0083 | -- | -- | -- | -- | -- | -- | -- | **0.0018** | **0.0028** | < 0.00083 | -- | **0.0037** | -- | -- | < 0.00083 | < 0.0017 |
| | 10 | 6/22/2021 | Primary | -- | < 0.0019 | -- | < 0.0094 | -- | -- | -- | -- | -- | -- | -- | < 0.00094 | < 0.00094 | < 0.00094 | -- | < 0.0019 | -- | -- | < 0.00094 | < 0.0019 |
| | 10 | 6/22/2021 | Duplicate | -- | < 0.0018 | -- | < 0.009 | -- | -- | -- | -- | -- | -- | -- | < 0.0009 | **0.0044** | < 0.0009 | -- | < 0.0018 | -- | -- | < 0.0009 | **0.002** |
| LV-4 | 1 | 6/18/2021 | Primary | -- | < 0.0018 | -- | < 0.0091 | -- | -- | -- | -- | -- | -- | -- | **0.0044** | < 0.00091 | < 0.00091 | -- | < 0.0018 | -- | -- | < 0.00091 | < 0.0018 |
| | 5 | 6/18/2021 | Primary | -- | < 0.0019 | -- | < 0.0093 | -- | -- | -- | -- | -- | -- | -- | < 0.00093 | < 0.00093 | < 0.00093 | -- | < 0.0019 | -- | -- | < 0.00093 | < 0.0019 |
| | 10 | 6/18/2021 | Primary | -- | < 0.0019 | -- | < 0.0093 | -- | -- | -- | -- | -- | -- | -- | < 0.00094 | < 0.00094 | < 0.00094 | -- | **0.0049** | -- | -- | < 0.00094 | < 0.0019 |
| LV-5 | 1 | 6/23/2021 | Primary | -- | < 0.0017 | -- | < 0.0084 | -- | -- | -- | -- | -- | -- | -- | **0.0014** | **0.0011** | < 0.00084 | -- | < 0.0017 | -- | -- | < 0.00084 | < 0.0017 |
| | 5 | 6/23/2021 | Primary | -- | < 0.0017 | -- | < 0.0085 | -- | -- | -- | -- | -- | -- | -- | < 0.00085 | < 0.00085 | < 0.00085 | -- | < 0.0017 | -- | -- | < 0.00085 | < 0.0017 |
| | 10 | 6/23/2021 | Primary | -- | < 0.002 | -- | < 0.01 | -- | -- | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | < 0.001 | -- | < 0.002 | -- | -- | < 0.001 | < 0.002 |
| | 10 | 6/23/2021 | Duplicate | -- | < 0.0019 | -- | < 0.0097 | -- | -- | -- | -- | -- | -- | -- | < 0.00097 | < 0.00097 | < 0.00097 | -- | < 0.0019 | -- | -- | < 0.00097 | < 0.0019 |
| LV-6 | 1 | 6/22/2021 | Primary | -- | < 0.0021 | -- | < 0.011 | -- | -- | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | < 0.0011 | -- | < 0.0021 | -- | -- | < 0.0011 | < 0.0021 |
| | 5 | 6/22/2021 | Primary | -- | < 0.0018 | -- | < 0.009 | -- | -- | -- | -- | -- | -- | -- | **0.0077** | **0.001** | < 0.0009 | -- | < 0.0018 | -- | -- | < 0.0009 | < 0.0018 |
| | 10 | 6/22/2021 | Primary | -- | < 0.0016 | -- | < 0.008 | -- | -- | -- | -- | -- | -- | -- | **0.0018** | < 0.0008 | < 0.0008 | -- | < 0.0016 | -- | -- | < 0.0008 | < 0.0016 |
| LV-7 | 1 | 6/22/2021 | Primary | -- | < 0.0016 | -- | < 0.0082 | -- | -- | -- | -- | -- | -- | -- | < 0.00082 | **0.0016** | < 0.00082 | -- | < 0.0016 | -- | -- | < 0.00082 | < 0.0016 |
| | 5 | 6/22/2021 | Primary | -- | < 0.0017 | -- | < 0.0086 | -- | -- | -- | -- | -- | -- | -- | < 0.00086 | **0.0031** | < 0.00086 | -- | < 0.0017 | -- | -- | < 0.00086 | < 0.0017 |
| | 10 | 6/22/2021 | Primary | -- | < 0.0014 | -- | < 0.0072 | -- | -- | -- | -- | -- | -- | -- | < 0.00072 | < 0.00072 | < 0.00072 | -- | < 0.0014 | -- | -- | < 0.00072 | < 0.0014 |
| LV-8 | 1 | 6/18/2021 | Primary | -- | < 0.081 | -- | < 0.4 | -- | **0.14** | **0.09** | **0.15** | -- | -- | -- | **0.059** | **2.2** | < 0.04 | -- | **0.16** | **0.55** | -- | < 0.04 | **2.4** |
| | 5 | 6/18/2021 | Primary | -- | < 0.0016 | -- | < 0.0081 | -- | -- | -- | -- | -- | -- | -- | < 0.00081 | < 0.00081 | < 0.00081 | -- | < 0.0016 | -- | -- | < 0.00081 | < 0.0016 |
| | 10 | 6/18/2021 | Primary | -- | < 0.0022 | -- | < 0.011 | -- | -- | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | < 0.0011 | -- | < 0.0022 | -- | -- | < 0.0011 | < 0.0022 |
| LV-9 | 1 | 6/22/2021 | Primary | -- | < 0.0014 | -- | < 0.007 | -- | -- | -- | -- | -- | -- | -- | **0.0019** | **0.0029** | < 0.0007 | -- | < 0.0014 | -- | -- | < 0.0007 | < 0.0014 |
| | 5 | 6/22/2021 | Primary | -- | < 0.0018 | -- | < 0.0088 | -- | -- | -- | -- | -- | -- | -- | < 0.00088 | **0.0046** | < 0.00088 | -- | < 0.0018 | -- | -- | < 0.00088 | < 0.0018 |
| | 10 | 6/22/2021 | Primary | -- | < 0.00079 | -- | < 0.0079 | -- | -- | -- | -- | -- | -- | -- | **0.0034** | < 0.00079 | < 0.00079 | -- | < 0.0016 | -- | -- | < 0.00079 | < 0.0016 |
| | 10 | 6/22/2021 | Duplicate | -- | < 0.00074 | -- | < 0.0074 | -- | -- | -- | -- | -- | -- | -- | **0.0034** | < 0.00074 | < 0.00074 | -- | < 0.0015 | -- | -- | < 0.00074 | < 0.0015 |
| LV-10 | 1 | 6/21/2021 | Primary | -- | < 0.002 | -- | < 0.01 | -- | -- | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | < 0.001 | -- | < 0.002 | -- | -- | < 0.001 | < 0.002 |
| | 5 | 6/21/2021 | Primary | -- | < 0.0019 | -- | < 0.0096 | -- | -- | -- | -- | -- | -- | -- | **0.0013** | < 0.00096 | < 0.00096 | -- | < 0.0019 | -- | -- | < 0.00096 | < 0.0019 |
| | 10 | 6/21/2021 | Primary | -- | < 0.0015 | -- | < 0.0074 | -- | -- | -- | -- | -- | -- | -- | **0.0077** | **0.0024** | < 0.00074 | -- | < 0.0015 | -- | -- | < 0.00074 | < 0.0015 |
| LV-11 | 1 | 6/21/2021 | Primary | -- | < 0.0015 | -- | < 0.0073 | -- | -- | -- | -- | -- | -- | -- | < 0.00073 | **0.0026** | < 0.00073 | -- | < 0.0015 | -- | -- | < 0.00073 | < 0.0015 |
| | 1 | 6/21/2021 | Duplicate | -- | < 0.0016 | -- | < 0.0081 | -- | -- | -- | -- | -- | -- | -- | < 0.00081 | **0.0033** | < 0.00081 | -- | < 0.0016 | -- | -- | < 0.00081 | < 0.0016 |
| | 5 | 6/21/2021 | Primary | -- | < 0.0016 | -- | < 0.0079 | -- | -- | -- | -- | -- | -- | -- | < 0.00079 | **0.0072** | < 0.00079 | -- | < 0.0016 | -- | -- | < 0.00079 | **0.0028** |
| | 10 | 6/21/2021 | Primary | -- | < 0.0021 | -- | < 0.011 | -- | -- | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | < 0.0011 | -- | < 0.0021 | -- | -- | < 0.0011 | < 0.0021 |
| LV-12 | 1 | 6/21/2021 | Primary | -- | < 0.0012 | -- | < 0.0062 | -- | -- | -- | -- | -- | -- | -- | **0.0023** | **0.0011** | < 0.00062 | -- | < 0.0012 | -- | -- | < 0.00062 | < 0.0012 |
| | 5 | 6/21/2021 | Primary | -- | < 0.0015 | -- | < 0.0077 | -- | -- | -- | -- | -- | -- | -- | < 0.00077 | **0.0044** | < 0.00077 | -- | < 0.0015 | -- | -- | < 0.00077 | < 0.0015 |
| | 10 | 6/21/2021 | Primary | -- | < 0.0016 | -- | < 0.0078 | -- | -- | -- | -- | -- | -- | -- | **0.004** | < 0.00078 | < 0.00078 | -- | < 0.0016 | -- | -- | < 0.00078 | < 0.0016 |
| LV-13 | 1 | 6/18/2021 | Primary | -- | < 0.0015 | -- | < 0.0074 | -- | -- | -- | -- | -- | -- | -- | < 0.00074 | **0.0018** | < 0.00074 | -- | **0.0017** | -- | -- | < 0.00074 | < 0.0015 |
| | 5 | 6/18/2021 | Primary | -- | < 0.0018 | -- | < 0.0088 | -- | -- | -- | -- | -- | -- | -- | < 0.00088 | **0.0026** | < 0.00088 | -- | < 0.0018 | -- | -- | < 0.00088 | < 0.0018 |
| | 10 | 6/18/2021 | Primary | -- | < 0.0022 | -- | < 0.011 | -- | -- | -- | -- | -- | -- | -- | < 0.0011 | < 0.0011 | < 0.0011 | -- | < 0.0022 | -- | -- | < 0.0011 | < 0.0022 |

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | m,p-Xylenes | Methyl tert-butyl ether (MTBE) | Methylene Chloride | Naphthalene | o-Xylene | Propylbenzene | sec-Butylbenzene | Styrene | Tert-Amyl Methyl Ether (TAME) | tert-Butyl Alcohol (TBA) | tert-Butylbenzene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene | trans-1,3-Dichloropropene | Trichloroethene | Trichlorofluoromethane (Freon 11) | Vinyl Acetate | Vinyl Chloride | Xylenes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-14A | 1 | 6/18/2021 | Primary | -- | < 0.002 | -- | < 0.01 | -- | -- | -- | -- | -- | -- | -- | < 0.001 | **0.0025** | < 0.001 | -- | < 0.002 | -- | -- | < 0.001 | **0.006** |
| | 5 | 6/18/2021 | Primary | -- | **0.0017** | -- | < 0.0079 | -- | -- | -- | -- | -- | -- | -- | < 0.00079 | < 0.00079 | < 0.00079 | -- | < 0.0016 | -- | -- | < 0.00079 | < 0.0016 |
| | 10 | 6/18/2021 | Primary | -- | < 0.0021 | -- | < 0.01 | -- | -- | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | < 0.001 | -- | < 0.0021 | -- | -- | < 0.001 | < 0.0021 |
| LV-15 | 1 | 6/21/2021 | Primary | -- | < 0.0016 | -- | < 0.0081 | -- | -- | -- | -- | -- | -- | -- | < 0.00081 | < 0.00081 | < 0.00081 | -- | < 0.0016 | -- | -- | < 0.00081 | < 0.0016 |
| | 5 | 6/21/2021 | Primary | -- | < 0.0018 | -- | < 0.009 | -- | -- | -- | -- | -- | -- | -- | < 0.0009 | < 0.0009 | < 0.0009 | -- | < 0.0018 | -- | -- | < 0.0009 | < 0.0018 |
| | 10 | 6/21/2021 | Primary | -- | < 0.0018 | -- | < 0.009 | -- | -- | -- | -- | -- | -- | -- | < 0.0009 | < 0.0009 | < 0.0009 | -- | < 0.0018 | -- | -- | < 0.0009 | < 0.0018 |
| LV-16 | 1 | 6/21/2021 | Primary | -- | < 0.0015 | -- | < 0.0076 | -- | -- | -- | -- | -- | -- | -- | < 0.00076 | **0.00093** | < 0.00076 | -- | < 0.0015 | -- | -- | < 0.00076 | < 0.0015 |
| | 5 | 6/21/2021 | Primary | -- | < 0.00075 | -- | < 0.0075 | -- | -- | -- | -- | -- | -- | -- | < 0.00038 | **0.0016** | < 0.00038 | -- | < 0.00075 | -- | -- | < 0.00038 | < 0.00075 |
| | 10 | 6/21/2021 | Primary | -- | < 0.0017 | -- | < 0.0086 | -- | -- | -- | -- | -- | -- | -- | < 0.00086 | < 0.00086 | < 0.00086 | -- | < 0.0017 | -- | -- | < 0.00086 | < 0.0017 |
| LV-17 | 1 | 6/21/2021 | Primary | -- | < 0.0021 | -- | < 0.01 | -- | -- | -- | -- | -- | -- | -- | < 0.001 | < 0.001 | < 0.001 | -- | < 0.0021 | -- | -- | < 0.001 | < 0.0021 |
| | 5 | 6/21/2021 | Primary | -- | < 0.083 | -- | < 0.42 | -- | **0.39** | **0.41** | -- | -- | -- | -- | < 0.042 | < 0.042 | < 0.042 | -- | < 0.083 | -- | -- | < 0.042 | **0.61** |
| | 10 | 6/21/2021 | Primary | -- | < 0.0018 | -- | < 0.0089 | -- | -- | -- | -- | -- | -- | -- | < 0.00089 | < 0.00089 | < 0.00089 | -- | < 0.0018 | -- | -- | < 0.00089 | < 0.0018 |
| LV-18 | 1 | 6/21/2021 | Primary | -- | < 0.0018 | -- | < 0.009 | -- | -- | -- | -- | -- | -- | -- | < 0.0009 | < 0.0009 | < 0.0009 | -- | < 0.0018 | -- | -- | < 0.0009 | < 0.0018 |
| | 5 | 6/21/2021 | Primary | -- | < 0.0019 | -- | < 0.0093 | -- | -- | -- | -- | -- | -- | -- | **0.0025** | **0.0029** | < 0.00093 | -- | < 0.0019 | -- | -- | < 0.00093 | < 0.0019 |
| | 10 | 6/21/2021 | Primary | -- | < 0.0018 | -- | < 0.0091 | -- | -- | -- | -- | -- | -- | -- | < 0.00091 | < 0.00091 | < 0.00091 | -- | < 0.0018 | -- | -- | < 0.00091 | < 0.0018 |
| | 10 | 6/21/2021 | Duplicate | -- | < 0.0013 | -- | < 0.0064 | -- | -- | -- | -- | -- | -- | -- | **0.00099** | **0.0017** | < 0.00064 | -- | < 0.0013 | -- | -- | < 0.00064 | < 0.0013 |
| LV-19 | 1 | 6/21/2021 | Primary | -- | < 0.002 | -- | < 0.01 | -- | -- | -- | -- | -- | -- | -- | < 0.001 | **0.0017** | < 0.001 | -- | < 0.002 | -- | -- | < 0.001 | < 0.002 |
| | 5 | 6/21/2021 | Primary | -- | < 0.0016 | -- | < 0.0082 | -- | -- | -- | -- | -- | -- | -- | < 0.00082 | **0.0011** | < 0.00082 | -- | < 0.0016 | -- | -- | < 0.00082 | < 0.0016 |
| | 10 | 6/21/2021 | Primary | -- | < 0.002 | -- | < 0.0099 | -- | -- | -- | -- | -- | -- | -- | < 0.00099 | < 0.00099 | < 0.00099 | -- | < 0.002 | -- | -- | < 0.00099 | < 0.002 |
| MW-4 | 5 | 12/27/2022 | Primary | < 0.00059 | < 0.00024 | < 0.0039 | < 0.0049 | < 0.00032 | < 0.00033 | < 0.00034 | < 0.0004 | < 0.00024 | < 0.0088 | < 0.00032 | < 0.00028 | < 0.00034 | < 0.00038 | < 0.00035 | < 0.00048 | < 0.00034 | < 0.0049 | < 0.00048 | < 0.00059 |
| | 10 | 12/27/2022 | Primary | < 0.00071 | < 0.00028 | < 0.0047 | < 0.0059 | < 0.00038 | < 0.00039 | < 0.00041 | < 0.00047 | < 0.00029 | **0.024 J** | < 0.00038 | < 0.00033 | < 0.0004 | < 0.00045 | < 0.00042 | < 0.00058 | < 0.00041 | < 0.0058 | < 0.00057 | < 0.00071 |
| MW-5 | 5 | 12/28/2022 | Primary | < 0.00039 | < 0.00015 | < 0.0025 | < 0.0032 | < 0.00021 | < 0.00021 | < 0.00022 | < 0.00026 | < 0.00016 | **0.018** | < 0.00021 | **0.0053** | **0.00059 J** | < 0.00024 | < 0.00023 | < 0.00031 | < 0.00022 | < 0.0032 | < 0.00031 | < 0.00039 |
| | 10 | 12/28/2022 | Primary | < 0.00049 | < 0.00019 | < 0.0032 | < 0.004 | < 0.00026 | < 0.00027 | < 0.00028 | < 0.00032 | < 0.0002 | **0.014 J** | < 0.00026 | < 0.00023 | < 0.00028 | < 0.00031 | < 0.00029 | < 0.0004 | < 0.00028 | < 0.004 | < 0.00039 | < 0.00049 |
| MW-6 | 5 | 12/28/2022 | Primary | **0.00057 J** | < 0.00015 | < 0.0025 | < 0.0031 | **0.00038 J** | < 0.00021 | < 0.00022 | < 0.00025 | < 0.00015 | < 0.0056 | < 0.0002 | < 0.00018 | **0.003** | < 0.00024 | < 0.00022 | < 0.00031 | < 0.00022 | < 0.0031 | < 0.0003 | **0.00095** |
| | 10 | 12/28/2022 | Primary | < 0.00045 | < 0.00018 | < 0.0029 | < 0.0037 | **0.00029 J** | < 0.00024 | < 0.00026 | < 0.0003 | < 0.00018 | **0.0084 J** | < 0.00024 | **0.00028 J** | **0.0017** | < 0.00028 | < 0.00026 | < 0.00036 | < 0.00026 | < 0.0037 | < 0.00036 | **0.00029** |
| SB-1 | 2 | 8/22/2020 | Primary | -- | < 0.0039 | -- | **0.00021** | -- | -- | -- | -- | -- | -- | -- | **0.0004** | **0.0025** | < 0.0039 | -- | < 0.0039 | -- | -- | < 0.0039 | **0.00099** |
| | 5 | 8/22/2020 | Primary | -- | < 0.0045 | -- | **0.00016** | -- | -- | -- | -- | -- | -- | -- | < 0.0045 | **0.00022** | < 0.0045 | -- | < 0.0045 | -- | -- | < 0.0045 | **0.0011** |
| SB-2 | 2 | 8/22/2020 | Primary | -- | < 0.0049 | -- | **0.00037** | -- | -- | -- | -- | -- | -- | -- | < 0.0049 | **0.0059** | < 0.0049 | -- | < 0.0049 | -- | -- | < 0.0049 | **0.0015** |
| | 5 | 8/22/2020 | Primary | -- | < 0.005 | -- | < 0.005 | -- | -- | -- | -- | -- | -- | -- | < 0.005 | **0.0046** | < 0.005 | -- | < 0.005 | -- | -- | < 0.005 | **0.00091** |
| SB-3 | 10 | 8/21/2020 | Primary | -- | < 0.0045 | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | -- | < 0.0045 | **0.00091** | < 0.0045 | -- | < 0.0045 | -- | -- | < 0.0045 | < 0.0045 |
| SB-4 | 2 | 8/21/2020 | Primary | -- | < 0.0048 | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | < 0.0048 | **0.0032** | < 0.0048 | -- | < 0.0048 | -- | -- | < 0.0048 | **0.0012** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0042 | -- | < 0.0042 | -- | -- | -- | -- | -- | -- | -- | < 0.0042 | **0.004** | < 0.0042 | -- | < 0.0042 | -- | -- | < 0.0042 | **0.00077** |
| SB-5 | 2 | 8/21/2020 | Primary | -- | < 0.0053 | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | **0.0015** | **0.025** | < 0.0053 | -- | **0.00026** | -- | -- | < 0.0053 | **0.0084** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0049 | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | -- | **0.00035** | **0.008** | < 0.0049 | -- | < 0.0049 | -- | -- | < 0.0049 | < 0.0049 |
| SB-6 | 2 | 8/22/2020 | Primary | -- | < 0.0039 | -- | **0.00019** | -- | -- | -- | -- | -- | -- | -- | **0.00059** | **0.0063** | < 0.0039 | -- | < 0.0039 | -- | -- | < 0.0039 | **0.0018** |
| | 5 | 8/22/2020 | Primary | -- | < 0.0064 | -- | < 0.0064 | -- | -- | -- | -- | -- | -- | -- | **0.00064** | **0.00065** | < 0.0064 | -- | **0.001** | -- | -- | < 0.0064 | < 0.0064 |
| SB-7 | 2 | 8/22/2020 | Primary | -- | < 0.005 | -- | < 0.005 | -- | -- | -- | -- | -- | -- | -- | **0.0004** | **0.00022** | < 0.005 | -- | < 0.005 | -- | -- | < 0.005 | **0.00024** |
| | 5 | 8/22/2020 | Primary | -- | < 0.0045 | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | -- | **0.0071** | **0.0045** | < 0.0045 | -- | **0.0029** | -- | -- | < 0.0045 | **0.0011** |
| SB-8 | 2 | 8/21/2020 | Primary | -- | < 0.004 | -- | **0.00059** | -- | **0.00062 J** | **0.00043 J** | -- | -- | -- | -- | **0.00035** | **0.0037** | < 0.004 | -- | **0.0012** | -- | -- | < 0.004 | **0.0039** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0041 | -- | **0.00017** | -- | -- | -- | -- | -- | -- | -- | **0.00087** | **0.011** | < 0.0041 | -- | **0.00074** | -- | -- | < 0.0041 | **0.0029** |
| SB-9 | 2 | 8/21/2020 | Primary | -- | < 0.0048 | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | < 0.0048 | **0.0093** | < 0.0048 | -- | **0.0003** | -- | -- | < 0.0048 | **0.0021** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0051 | -- | **0.0003** | -- | -- | -- | -- | -- | -- | -- | < 0.0051 | **0.0044** | < 0.0051 | -- | < 0.0051 | -- | -- | < 0.0051 | **0.0018** |
| SB-10 | 2 | 8/21/2020 | Primary | -- | < 0.0056 | -- | **0.00024** | -- | -- | -- | -- | -- | **0.01** | -- | **0.0013** | **0.0063** | < 0.0056 | -- | **0.0028** | -- | -- | < 0.0056 | **0.0031** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0049 | -- | < 0.0049 | -- | -- | -- | -- | -- | -- | -- | < 0.0049 | **0.0062** | < 0.0049 | -- | < 0.0049 | -- | -- | < 0.0049 | **0.0022** |
| SB-11 | 2 | 8/21/2020 | Primary | -- | < 0.24 | -- | **0.36** | -- | **0.088 J** | -- | -- | -- | -- | -- | **0.23** | **5.7** | **0.036** | -- | **0.39** | -- | -- | **0.1** | **2.8** |
| | 5 | 8/21/2020 | Primary | -- | **0.00085** | -- | < 0.0042 | -- | -- | -- | -- | -- | **0.066** | -- | < 0.0042 | **0.0088** | < 0.0042 | -- | **0.0024** | -- | -- | **0.00094** | **0.0033** |
| SB-12 | 2 | 8/21/2020 | Primary | -- | < 0.0044 | -- | **0.00077** | -- | **0.00043 J** | -- | -- | -- | -- | -- | < 0.0044 | **0.02** | < 0.0044 | -- | **0.0017** | -- | -- | < 0.0044 | **0.008** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0036 | -- | < 0.0036 | -- | -- | -- | -- | -- | -- | -- | **0.00048** | **0.0032** | < 0.0036 | -- | **0.006** | -- | -- | < 0.0036 | **0.00023** |
| SB-13 | 2 | 8/21/2020 | Primary | -- | < 0.0048 | -- | < 0.0048 | -- | -- | -- | **0.0024 J** | -- | **0.012** | -- | **0.0011** | **0.0015** | < 0.0048 | -- | **0.0026** | -- | -- | < 0.0048 | < 0.0048 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0045 | -- | < 0.0045 | -- | -- | -- | -- | -- | **0.0099** | -- | < 0.0045 | **0.0066** | < 0.0045 | -- | **0.0021** | -- | -- | < 0.0045 | **0.0023** |
| | 10 | 8/21/2020 | Primary | -- | < 0.0045 | -- | < 0.0045 | -- | -- | -- | -- | -- | -- | -- | < 0.0045 | **0.0024** | < 0.0045 | -- | < 0.0045 | -- | -- | < 0.0045 | **0.00029** |
| SB-14 | 2 | 8/21/2020 | Primary | -- | < 0.006 | -- | **0.0014** | -- | -- | -- | **0.0025 J** | -- | **0.012** | -- | **0.018** | **0.00081** | < 0.006 | -- | **0.0089** | **0.00056** | -- | < 0.006 | **0.0015** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0051 | -- | < 0.0051 | -- | **0.0034 J** | **0.0012 J** | **0.003 J** | -- | **0.024** | -- | **0.032** | **0.0076** | < 0.0051 | -- | **0.0065** | -- | -- | < 0.0051 | **0.1** |
| SB-15 | 2 | 8/22/2020 | Primary | -- | < 0.0053 | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | **0.00066** | **0.00079** | < 0.0053 | -- | **0.0032** | -- | -- | < 0.0053 | < 0.0053 |
| | 5 | 8/22/2020 | Primary | -- | < 0.006 | -- | < 0.006 | -- | -- | -- | -- | -- | -- | -- | < 0.006 | < 0.006 | < 0.006 | -- | < 0.006 | -- | -- | < 0.006 | < 0.006 |
| SB-16 | 2 | 8/21/2020 | Primary | -- | < 0.0046 | -- | **0.0034** | -- | -- | -- | -- | -- | -- | -- | **0.0019** | **0.011** | < 0.0046 | -- | **0.00061** | -- | -- | < 0.0046 | **0.057** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0047 | -- | < 0.0047 | -- | -- | -- | -- | -- | **0.0085 J** | -- | < 0.0047 | **0.0092** | < 0.0047 | -- | < 0.0047 | -- | -- | < 0.0047 | **0.0063** |

**TABLE C-1**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | m,p-Xylenes | Methyl tert-butyl ether (MTBE) | Methylene Chloride | Naphthalene | o-Xylene | Propylbenzene | sec-Butylbenzene | Styrene | Tert-Amyl Methyl Ether (TAME) | tert-Butyl Alcohol (TBA) | tert-Butylbenzene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene | trans-1,3-Dichloropropene | Trichloroethene | Trichlorofluoromethane (Freon 11) | Vinyl Acetate | Vinyl Chloride | Xylenes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-17 | 2 | 8/22/2020 | Primary | -- | **0.0089** | -- | **0.0036** | -- | **0.004 J** | -- | -- | -- | **0.048** | -- | **0.0033** | **0.043** | < 0.0041 | -- | **0.013** | -- | -- | **0.0011** | **0.099** |
| | 5 | 8/22/2020 | Primary | -- | **0.015** | -- | **0.0014** | -- | **0.001 J** | -- | -- | -- | **0.083** | -- | < 0.0053 | **0.014** | < 0.0053 | -- | **0.001** | -- | -- | **0.00054** | **0.04** |
| SB-18 | 2 | 8/22/2020 | Primary | -- | < 0.0053 | -- | < 0.0053 | -- | -- | -- | -- | -- | -- | -- | **0.063** | **0.0057** | < 0.0053 | -- | **0.13** | -- | -- | **0.00051** | **0.0024** |
| | 5 | 8/22/2020 | Primary | -- | < 0.005 | -- | < 0.005 | -- | -- | -- | -- | -- | -- | -- | **0.0041** | **0.0033** | < 0.005 | -- | **0.015** | -- | -- | **0.00094** | **0.00033** |
| SB-19 | 2 | 8/21/2020 | Primary | -- | < 0.0078 | -- | < 0.0078 | -- | **0.0017 J** | -- | -- | -- | **0.018** | -- | **0.0011** | **0.065** | **0.00082** | -- | **0.003** | -- | -- | **0.03** | **0.083** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0046 | -- | < 0.0046 | -- | -- | -- | -- | -- | **0.0098** | -- | < 0.0046 | **0.0062** | < 0.0046 | -- | < 0.0046 | -- | -- | < 0.0046 | **0.0047** |
| SB-20 | 2 | 8/21/2020 | Primary | -- | < 0.1 | -- | **0.0058** | -- | **0.011** | **0.011 J** | -- | -- | **0.019** | **0.001 J** | **0.0003** | **0.055** | **0.00043** | -- | **0.0015** | -- | -- | **0.01** | **0.06** |
| | 5 | 8/21/2020 | Primary | -- | < 0.005 | -- | **0.0021** | -- | -- | **0.00044 J** | -- | -- | **0.018** | -- | < 0.005 | **0.00066** | < 0.005 | -- | < 0.005 | -- | -- | < 0.005 | < 0.005 |
| SB-21 | 2 | 8/21/2020 | Primary | -- | < 0.005 | **0.0017 J** | **0.001** | -- | -- | -- | -- | -- | -- | -- | < 0.005 | **0.0007** | < 0.005 | -- | < 0.005 | -- | -- | < 0.005 | **0.0016** |
| | 5 | 8/21/2020 | Primary | -- | < 1 | -- | **0.73** | -- | **1.9** | -- | -- | -- | -- | -- | **4.1** | **49** | < 1 | -- | **1.2** | -- | -- | < 1 | **75** |
| | 10 | 8/21/2020 | Primary | -- | **0.00036** | -- | **0.00049** | -- | -- | -- | -- | -- | **0.019** | -- | **0.0003** | **0.0058** | < 0.0048 | -- | **0.0003** | -- | -- | **0.0012** | **0.014** |
| SB-22 | 2 | 8/21/2020 | Primary | -- | < 0.0044 | -- | < 0.0044 | -- | -- | -- | -- | -- | -- | -- | < 0.0044 | **0.00063** | < 0.0044 | -- | < 0.0044 | -- | -- | < 0.0044 | < 0.0044 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0052 | -- | **0.00066** | -- | **0.00041 J** | -- | -- | -- | -- | -- | < 0.0052 | **0.016** | < 0.0052 | -- | < 0.0052 | -- | -- | < 0.0052 | < 0.0052 |
| SB-23 | 2 | 8/21/2020 | Primary | -- | < 1.5 | **2.1** | **6.3** | -- | **2.1** | **1.5** | -- | -- | -- | -- | **0.069** | **2.4** | < 1.5 | -- | < 1.5 | -- | -- | < 1.5 | **33** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0057 | -- | **0.00031** | -- | -- | -- | -- | -- | -- | -- | < 0.0057 | **0.0056** | < 0.0057 | -- | < 0.0057 | -- | -- | < 0.0057 | **0.0021** |
| SB-24 | 2 | 8/21/2020 | Primary | -- | < 0.0058 | -- | **0.00019** | -- | -- | -- | -- | -- | -- | -- | **0.0022** | **0.0084** | < 0.0058 | -- | < 0.0058 | -- | -- | < 0.0058 | **0.0021** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0056 | -- | < 0.0056 | -- | -- | -- | -- | -- | -- | -- | **0.00098** | **0.0063** | < 0.0056 | -- | < 0.0056 | -- | -- | < 0.0056 | **0.0019** |
| SB-25 | 2 | 8/21/2020 | Primary | -- | < 0.0049 | -- | **0.0004** | -- | -- | -- | -- | -- | -- | -- | **0.00038** | < 0.0049 | < 0.0049 | -- | < 0.0049 | -- | -- | < 0.0049 | **0.23** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0048 | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | **0.0015** | **0.0005** | < 0.0048 | -- | < 0.0048 | -- | -- | < 0.0048 | < 0.0048 |
| SB-26 | 2 | 8/21/2020 | Primary | -- | < 0.0071 | -- | < 0.0071 | -- | -- | -- | -- | -- | -- | -- | **0.044** | **0.011** | < 0.0071 | -- | **0.0033** | -- | -- | < 0.0071 | **0.0028** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0068 | -- | < 0.0068 | -- | -- | -- | -- | -- | **0.036** | -- | **0.01** | **0.0034** | < 0.0068 | -- | **0.00083** | -- | -- | < 0.0068 | **0.0013** |
| SB-27 | 2 | 8/21/2020 | Primary | -- | < 0.0048 | -- | < 0.0048 | -- | -- | -- | -- | -- | **0.01** | -- | **0.0057** | **0.00032** | < 0.0048 | -- | **0.0075** | -- | -- | < 0.0048 | < 0.0048 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0054 | -- | **0.00024** | -- | -- | -- | -- | -- | -- | -- | **0.0063** | **0.0079** | < 0.0054 | -- | **0.01** | -- | -- | < 0.0054 | **0.0026** |
| SB-28 | 2 | 8/21/2020 | Primary | -- | < 0.006 | -- | < 0.006 | -- | -- | -- | -- | -- | -- | -- | **0.052** | **0.00054** | < 0.006 | -- | **0.021** | -- | -- | < 0.006 | < 0.006 |
| | 5 | 8/21/2020 | Primary | -- | < 0.0042 | -- | **0.00019** | -- | -- | -- | -- | -- | -- | -- | **0.024** | **0.0037** | < 0.0042 | -- | **0.0037** | -- | -- | < 0.0042 | **0.0012** |
| SB-29 | 2 | 8/21/2020 | Primary | -- | < 0.0043 | -- | **0.00015** | -- | -- | -- | -- | -- | **0.012** | -- | **0.14** | **0.00041** | < 0.0043 | -- | **0.011** | -- | -- | < 0.0043 | **0.0013** |
| | 5 | 8/21/2020 | Primary | -- | < 0.0061 | -- | < 0.0061 | -- | -- | -- | -- | -- | -- | -- | **0.092** | **0.0037** | < 0.0061 | -- | **0.01** | -- | -- | < 0.0061 | **0.0012** |
| SB-30 | 2 | 8/22/2020 | Primary | -- | < 0.0057 | -- | < 0.0057 | -- | -- | -- | -- | -- | -- | -- | **0.0048** | **0.00046** | < 0.0057 | -- | **0.00048** | -- | -- | < 0.0057 | **0.00089** |
| | 5 | 8/22/2020 | Primary | -- | < 0.0042 | -- | < 0.0042 | -- | -- | -- | -- | -- | -- | -- | **0.037** | **0.0042** | < 0.0042 | -- | **0.0045** | -- | -- | < 0.0042 | **0.00077** |
| SB-31 | 2 | 8/22/2020 | Primary | -- | < 0.006 | -- | < 0.006 | -- | -- | -- | -- | -- | -- | -- | **0.011** | < 0.006 | < 0.006 | -- | **0.00029** | -- | -- | < 0.006 | < 0.006 |
| | 5 | 8/22/2020 | Primary | -- | < 0.0054 | -- | < 0.0054 | -- | -- | -- | -- | -- | -- | -- | **0.039** | **0.00035** | < 0.0054 | -- | **0.0024** | -- | -- | < 0.0054 | < 0.0054 |
| SB-32 | 2 | 8/22/2020 | Primary | -- | < 0.0064 | -- | < 0.0064 | -- | -- | -- | -- | -- | -- | -- | **0.008** | < 0.0064 | < 0.0064 | -- | < 0.0064 | -- | -- | < 0.0064 | < 0.0064 |
| | 5 | 8/22/2020 | Primary | -- | < 0.0047 | -- | < 0.05 | -- | -- | -- | -- | -- | -- | -- | **0.045** | **0.00055** | < 0.0047 | -- | **0.0018** | -- | -- | < 0.0047 | < 0.0047 |
| SB-33 | 2 | 8/22/2020 | Primary | -- | < 0.0048 | -- | < 0.0048 | -- | -- | -- | -- | -- | -- | -- | **0.043** | **0.0069** | < 0.0048 | -- | **0.0019** | -- | -- | < 0.0048 | **0.0016** |
| | 5 | 8/22/2020 | Primary | -- | < 0.006 | -- | < 0.006 | -- | -- | -- | -- | -- | -- | -- | **0.035** | **0.0061** | < 0.006 | -- | **0.0016** | -- | -- | < 0.006 | **0.0012** |

**Notes:**
Results in milligrams per kilogram (mg/kg)
Detected results are presented in bold
-- = results not available or sample not analyzed
< = Analyte was not detected at the given reporting limit
bgs = below ground surface
J = estimated value

**TABLE C-2**
**ANALYTICAL DATA INCLUDED IN THE HHRA: POLYCYCLIC AROMATIC HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 1-Methylnaphthalene | 2-Methylnaphthalene | Acenaphthene | Acenaphthylene | Anthracene | Benzo(a)anthracene | Benzo(a)pyrene | Benzo(b)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-2 | 2 | 8/22/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | **0.011 B,J** | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| SB-3 | 10 | 8/21/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| SB-4 | 2 | 8/21/2020 | Primary | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | **0.024 B,J** | **0.0053 B,J** | < 0.04 | **0.0059 B,J** | < 0.04 |
| SB-5 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| SB-6 | 2 | 8/22/2020 | Primary | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | **0.021 B,J** | < 0.04 | < 0.04 | < 0.04 | < 0.04 |
| SB-7 | 2 | 8/22/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| SB-8 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.17 J** | **0.16 J,b** | **0.16 J** | **0.11 J** | **0.13 J** | **0.13 J** | **0.11 J** | **0.14 J** | < 0.5 |
| SB-9 | 2 | 8/21/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| SB-10 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.097 J** | **0.21 J** | **0.29 J,b** | **0.27 J** | **0.19 J** | **0.17 J** | **0.27 J** | < 0.5 | **0.37 J** | < 0.5 |
| SB-11 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.097 J** | **0.1 J,b** | **0.11 J** | **0.063 J** | < 0.5 | **0.13 J** | < 0.5 | **0.1 B,J** | < 0.5 |
| SB-12 | 2 | 8/21/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | **0.006 J,b** | < 0.01 | < 0.01 | **0.0054 J** | < 0.01 | < 0.01 | **0.00099 B,J** | < 0.01 |
| SB-13 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.057 J** | < 0.5 | **0.095 J** | **0.065 J** | < 0.5 | **0.1 J** | < 0.5 | **0.093 B,J** | < 0.5 |
| SB-14 | 2 | 8/21/2020 | Primary | **1.1** | **2.5** | **1.2** | < 1 | **0.9 J** | **2.9** | **4.1** | **3.7** | **2.5** | **3** | **3.2** | **0.41 J,b** | **3** | **0.96 J** |
| SB-15 | 2 | 8/22/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | **0.0029 J** | **0.0035 J** | **0.0035 J** | **0.0021 J** | **0.0026 J** | **0.0038 B,J** | < 0.01 | **0.0045 B,J** | < 0.01 |
| SB-16 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | **0.15 J** | < 0.5 | < 0.5 | **0.07 J** | < 0.5 | **0.21** | < 0.5 | **0.32 J** | **0.071 J** |
| SB-17 | 2 | 8/22/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| SB-18 | 2 | 8/22/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | **0.0023 J** | < 0.02 | < 0.02 | < 0.02 | < 0.02 | **0.0024 B,J** | < 0.02 | **0.0023 B,J** | < 0.02 |
| SB-19 | 2 | 8/21/2020 | Primary | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | **0.14 J** | < 1 | **0.15 J** | < 1 | **0.21 B,J** | < 1 |
| SB-20 | 2 | 8/21/2020 | Primary | **0.032** | **0.052** | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | **0.0044 J** | < 0.01 | **0.0026 B,J** | < 0.01 |
| SB-21 | 2 | 8/21/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | **0.013 J,b** | < 0.02 | < 0.02 | **0.012 B,J** | **0.0018 B,J** | < 0.02 | **0.0033 B,J** | < 0.02 |
| | 5 | 8/21/2020 | Primary | **0.13** | **0.23** | < 0.04 | < 0.04 | < 0.04 | **0.033 J** | < 0.04 | < 0.04 | < 0.04 | < 0.04 | **0.078** | < 0.04 | **0.04 B** | **0.035 J** |
| SB-22 | 2 | 8/21/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | **0.0046 J** | **0.0046 J** | **0.0059 J** | **0.0051 J** | **0.0054 J** | **0.0044 J** | **0.0069 J,b** | **0.0034 B,J** | < 0.01 |
| SB-23 | 2 | 8/21/2020 | Primary | < 1 | **0.43 J** | **0.17 J** | < 1 | < 1 | **0.17 J** | < 1 | **0.19 J** | < 1 | < 1 | **0.42** | < 1 | **0.43 J** | **0.2 J** |
| SB-24 | 2 | 8/21/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | **0.0039 J** | **0.017 J,b** | **0.0051 J,b** | **0.021** | **0.014 B,J** | **0.005 B,J** | < 0.02 | **0.0056 B,J** | < 0.02 |
| SB-25 | 2 | 8/21/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | **0.015 J** | **0.018 B,J** | **0.016 J** | **0.012 J** | **0.015 B,J** | **0.019 J** | < 0.02 | **0.018 B,J** | < 0.02 |
| SB-26 | 2 | 8/21/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | **0.011 B,J,b** | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| SB-27 | 2 | 8/21/2020 | Primary | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| SB-28 | 2 | 8/21/2020 | Primary | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 |
| SB-29 | 2 | 8/21/2020 | Primary | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 | < 0.04 |

**TABLE C-2**
**ANALYTICAL DATA INCLUDED IN THE HHRA: POLYCYCLIC AROMATIC HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | 1-Methylnaphthalene | 2-Methylnaphthalene | Acenaphthene | Acenaphthylene | Anthracene | Benzo(a)anthracene | Benzo(a)pyrene | Benzo(b)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-30 | 2 | 8/22/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| SB-31 | 2 | 8/22/2020 | Primary | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 |
| SB-32 | 2 | 8/22/2020 | Primary | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 |
| SB-33 | 2 | 8/22/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | **0.011 B,J** | < 0.02 | < 0.02 | < 0.02 | < 0.02 |

**Notes:**
Results in milligrams per kilogram (mg/kg)
Detected results are presented in bold
-- = results not available or sample not analyzed
< = Analyte was not detected at the given reporting limit
bgs = below ground surface
B = constituent detected in method blank
J = estimated value

**TABLE C-2**
**ANALYTICAL DATA INCLUDED IN THE HHRA: POLYCYCLIC AROMATIC HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene |
|---|---|---|---|---|---|---|---|
| SB-2 | 2 | 8/22/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | **0.0016 B,J** |
| SB-3 | 10 | 8/21/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| SB-4 | 2 | 8/21/2020 | Primary | < 0.04 | < 0.04 | **0.007 B,J** | **0.0076 B,J** |
| SB-5 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| SB-6 | 2 | 8/22/2020 | Primary | < 0.04 | < 0.04 | < 0.04 | < 0.04 |
| SB-7 | 2 | 8/22/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| SB-8 | 2 | 8/21/2020 | Primary | **0.13 J** | < 0.5 | < 0.5 | **0.12 B,J** |
| SB-9 | 2 | 8/21/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | **0.0011 B,J** |
| SB-10 | 2 | 8/21/2020 | Primary | **0.25 J** | < 0.5 | **0.2 J** | **0.39 J** |
| SB-11 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | **0.078 J** | **0.13 B,J** |
| SB-12 | 2 | 8/21/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | **0.0014 B,J** |
| SB-13 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | **0.13 J** | **0.088 B,J** |
| SB-14 | 2 | 8/21/2020 | Primary | **2.5** | **3** | **3.1 J** | **2.9** |
| SB-15 | 2 | 8/22/2020 | Primary | **0.002 J** | < 0.01 | **0.0042 B,J** | **0.005 B,J** |
| SB-16 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | **0.35 J** | **0.36 J** |
| SB-17 | 2 | 8/22/2020 | Primary | < 0.01 | < 0.01 | < 0.01 | **0.00082 B,J** |
| SB-18 | 2 | 8/22/2020 | Primary | < 0.02 | < 0.02 | **0.003 B,J** | **0.0025 B,J** |
| SB-19 | 2 | 8/21/2020 | Primary | < 1 | < 1 | **0.29 J** | **0.19 B,J** |
| SB-20 | 2 | 8/21/2020 | Primary | < 0.01 | **0.02** | **0.0025 J** | **0.0023 B,J** |
| SB-21 | 2 | 8/21/2020 | Primary | < 0.02 | < 0.02 | **0.0042 B,J** | **0.0046 B,J** |
| | 5 | 8/21/2020 | Primary | < 0.04 | **0.37** | **0.16** | **0.065 B** |
| SB-22 | 2 | 8/21/2020 | Primary | **0.0051 J** | < 0.01 | < 0.01 | **0.0037 B,J** |
| SB-23 | 2 | 8/21/2020 | Primary | < 1 | **2.4** | **0.76 J** | **0.49 J** |
| SB-24 | 2 | 8/21/2020 | Primary | < 0.02 | < 0.02 | **0.0045 B,J** | **0.0063 B,J** |
| SB-25 | 2 | 8/21/2020 | Primary | **0.0094 J** | **0.0083 J** | **0.0052 B,J** | **0.0083 J** |
| SB-26 | 2 | 8/21/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| SB-27 | 2 | 8/21/2020 | Primary | < 2 | < 2 | < 2 | < 2 |
| SB-28 | 2 | 8/21/2020 | Primary | < 1 | < 1 | < 1 | < 1 |
| SB-29 | 2 | 8/21/2020 | Primary | < 0.04 | < 0.04 | < 0.04 | < 0.04 |

**TABLE C-2**
**ANALYTICAL DATA INCLUDED IN THE HHRA: POLYCYCLIC AROMATIC HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene |
|---|---|---|---|---|---|---|---|
| SB-30 | 2 | 8/22/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| SB-31 | 2 | 8/22/2020 | Primary | < 1 | < 1 | < 1 | < 1 |
| SB-32 | 2 | 8/22/2020 | Primary | < 1 | < 1 | < 1 | < 1 |
| SB-33 | 2 | 8/22/2020 | Primary | < 0.02 | < 0.02 | < 0.02 | < 0.02 |

**Notes:**
Results in milligrams per kilogram (mg/kg)
Detected results are presented in bold
-- = results not available or sample not analyzed
< = Analyte was not detected at the given reporting limit
bgs = below ground surface
B = constituent detected in method blank
J = estimated value

**TABLE C-3**
**ANALYTICAL DATA INCLUDED IN THE HHRA: TOTAL PETROLEUM HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | TPH-Diesel | TPH-Gasoline | TPH-Motor Oil |
|---|---|---|---|---|---|---|
| LDB-1 | 0.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | **6.5** |
| | 2.5 | 2/16/2023 | Primary | **11** | < 3.7 | **18** |
| | 5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 7.5 | 2/16/2023 | Primary | < 3.7 | < 3.7 | < 3.7 |
| | 10 | 2/16/2023 | Primary | **5.3** | < 3.7 | < 3.7 |
| LDB-2/3 | 0.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 2.5 | 2/16/2023 | Primary | < 3.7 | < 3.7 | < 3.7 |
| | 5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 7.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 10 | 2/16/2023 | Primary | **8.8** | **5.7** | < 3.7 |
| LDB-4 | 0.5 | 2/16/2023 | Primary | **6.6** | < 3.7 | **8.9** |
| | 2.5 | 2/16/2023 | Primary | **8** | < 3.7 | **11** |
| | 5 | 2/16/2023 | Primary | **5.3** | < 3.7 | **5.8** |
| | 7.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 10 | 2/16/2023 | Primary | < 3.7 | < 3.7 | < 3.7 |
| LDB-5 | 0.5 | 2/16/2023 | Primary | **24000** | **11000** | **24000** |
| | 2.5 | 2/16/2023 | Primary | **12000** | **4200** | **14000** |
| | 5 | 2/16/2023 | Primary | **9.7** | < 3.8 | **11** |
| | 7.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 10 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| LDB-6 | 0.5 | 2/16/2023 | Primary | **6700** | **340** | **5500** |
| | 2.5 | 2/16/2023 | Primary | **46** | < 3.9 | **27** |
| | 5 | 2/16/2023 | Primary | **5.8** | < 3.7 | **5.8** |
| | 7.5 | 2/16/2023 | Primary | **130** | **7** | **120** |
| | 10 | 2/16/2023 | Primary | < 3.8 | < 3.8 | **4.9** |

**TABLE C-3**
**ANALYTICAL DATA INCLUDED IN THE HHRA: TOTAL PETROLEUM HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | TPH-Diesel | TPH-Gasoline | TPH-Motor Oil |
|---|---|---|---|---|---|---|
| LDB-7 | 0.5 | 2/16/2023 | Primary | **9.1** | < 3.7 | **20** |
| | 2.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | **6.6** |
| | 5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 7.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 10 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| LDB-8 | 0.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 2.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 7.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 10 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| LDB-9 | 0.5 | 2/16/2023 | Primary | **27** | < 7.7 | **76** |
| | 2.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | **11** |
| | 5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 7.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 10 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| LDB-10 | 0.5 | 2/16/2023 | Primary | **8.1** | < 3.8 | **17** |
| | 2.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | **5.2** |
| | 5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 7.5 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| | 10 | 2/16/2023 | Primary | < 3.8 | < 3.8 | < 3.8 |
| LV-1 | 1 | 6/23/2021 | Primary | < 4.9 | < 0.097 | **5.7** |
| | 5 | 6/23/2021 | Primary | < 5 | < 0.091 | **6.1** |
| | 10 | 6/23/2021 | Primary | < 5 | < 0.099 | < 5 |
| LV-2 | 1 | 6/22/2021 | Primary | **9.4** | < 0.085 | **33** |
| | 5 | 6/22/2021 | Primary | < 5 | < 0.079 | < 5 |
| | 10 | 6/22/2021 | Primary | < 5 | < 0.12 | **8** |

**TABLE C-3**
**ANALYTICAL DATA INCLUDED IN THE HHRA: TOTAL PETROLEUM HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | TPH-Diesel | TPH-Gasoline | TPH-Motor Oil |
|---|---|---|---|---|---|---|
| LV-3 | 1 | 6/22/2021 | Primary | < 50 | < 0.063 | **360** |
| | 5 | 6/22/2021 | Primary | < 4.9 | < 0.075 | **7.2** |
| | 10 | 6/22/2021 | Primary | < 4.9 | < 0.097 | **5.6** |
| | 10 | 6/22/2021 | Duplicate | -- | < 0.073 | -- |
| LV-4 | 1 | 6/18/2021 | Primary | **42** | **1.1** | **240** |
| | 5 | 6/18/2021 | Primary | **7** | < 0.09 | **8.7** |
| | 10 | 6/18/2021 | Primary | **6.1** | < 0.078 | **6.9** |
| LV-5 | 1 | 6/23/2021 | Primary | < 4.9 | < 0.092 | < 4.9 |
| | 5 | 6/23/2021 | Primary | < 5 | < 0.085 | **7** |
| | 10 | 6/23/2021 | Primary | < 4.9 | < 0.1 | **8.9** |
| | 10 | 6/23/2021 | Duplicate | -- | < 0.11 | -- |
| LV-6 | 1 | 6/22/2021 | Primary | **9.3** | < 0.1 | **57** |
| | 5 | 6/22/2021 | Primary | < 5 | < 0.087 | **7** |
| | 10 | 6/22/2021 | Primary | < 4.9 | < 0.088 | < 4.9 |
| LV-7 | 1 | 6/22/2021 | Primary | **3900** | **6.9** | **13000** |
| | 5 | 6/22/2021 | Primary | < 5 | < 0.074 | **8.5** |
| | 10 | 6/22/2021 | Primary | < 5 | < 0.078 | **8.9** |
| LV-8 | 1 | 6/18/2021 | Primary | **1800** | **1.5** | **6000** |
| | 3 | 6/18/2021 | Primary | **390** | -- | **1200** |
| | 5 | 6/18/2021 | Primary | **13** | < 0.086 | **18** |
| | 10 | 6/18/2021 | Primary | < 5 | < 0.12 | **5** |
| LV-9 | 1 | 6/22/2021 | Primary | **51** | < 0.081 | **880** |
| | 5 | 6/22/2021 | Primary | < 5 | < 0.077 | **5.7** |
| | 10 | 6/22/2021 | Primary | < 5 | < 0.1 | **6** |
| | 10 | 6/22/2021 | Duplicate | -- | < 0.076 | -- |
| LV-10 | 1 | 6/21/2021 | Primary | **530** | < 0.096 | **760** |
| | 5 | 6/21/2021 | Primary | < 5.1 | < 0.087 | **10** |
| | 10 | 6/21/2021 | Primary | < 4.8 | < 0.076 | < 4.8 |

**TABLE C-3**
**ANALYTICAL DATA INCLUDED IN THE HHRA: TOTAL PETROLEUM HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | TPH-Diesel | TPH-Gasoline | TPH-Motor Oil |
|---|---|---|---|---|---|---|
| LV-11 | 1 | 6/21/2021 | Primary | < 5 | < 0.074 | < 5 |
| | 1 | 6/21/2021 | Duplicate | -- | < 0.074 | -- |
| | 2.5 | 6/21/2021 | Primary | **7.5** | -- | < 5.1 |
| | 5 | 6/21/2021 | Primary | < 4.9 | **0.19** | < 4.9 |
| | 7.5 | 6/21/2021 | Primary | < 4.9 | -- | < 4.9 |
| | 10 | 6/21/2021 | Primary | < 5.2 | < 0.09 | < 5.2 |
| LV-12 | 1 | 6/21/2021 | Primary | **5.1** | < 0.067 | < 4.7 |
| | 2.5 | 6/21/2021 | Primary | < 5.2 | -- | < 5.2 |
| | 5 | 6/21/2021 | Primary | < 4.8 | < 0.081 | < 4.8 |
| | 7.5 | 6/21/2021 | Primary | < 5 | -- | < 5 |
| | 10 | 6/21/2021 | Primary | < 5 | < 0.077 | < 5 |
| LV-13 | 1 | 6/18/2021 | Primary | **27** | **0.17** | **22** |
| | 2.5 | 6/18/2021 | Primary | < 5 | -- | **17** |
| | 5 | 6/18/2021 | Primary | **8** | < 0.09 | **11** |
| | 7.5 | 6/18/2021 | Primary | < 4.8 | -- | < 4.8 |
| | 10 | 6/18/2021 | Primary | **10** | < 0.1 | **14** |
| LV-14A | 1 | 6/18/2021 | Primary | **530** | **0.16** | **1500** |
| | 2.5 | 6/18/2021 | Primary | **19** | -- | **32** |
| | 5 | 6/18/2021 | Primary | **15** | < 0.087 | **16** |
| | 7.5 | 6/18/2021 | Primary | **10** | -- | **13** |
| | 10 | 6/18/2021 | Primary | **5.1** | < 0.092 | **7.1** |
| LV-14B | 2 | 6/18/2021 | Primary | **160** | -- | **440** |
| LV-15 | 1 | 6/21/2021 | Primary | **23** | < 0.071 | **120** |
| | 2.5 | 6/21/2021 | Primary | < 5 | -- | **29** |
| | 5 | 6/21/2021 | Primary | < 4.9 | < 0.089 | < 4.9 |
| | 7.5 | 6/21/2021 | Primary | < 5.2 | -- | < 5.2 |
| | 10 | 6/21/2021 | Primary | < 4.9 | < 0.096 | < 4.9 |

**TABLE C-3**
**ANALYTICAL DATA INCLUDED IN THE HHRA: TOTAL PETROLEUM HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | TPH-Diesel | TPH-Gasoline | TPH-Motor Oil |
|---|---|---|---|---|---|---|
| LV-16 | 1 | 6/21/2021 | Primary | **8.4** | < 0.07 | **5.3** |
| | 2.5 | 6/21/2021 | Primary | < 5.2 | -- | **83** |
| | 5 | 6/21/2021 | Primary | **6.2** | < 0.86 | **7.5** |
| | 7.5 | 6/21/2021 | Primary | < 5.2 | -- | < 5.2 |
| | 10 | 6/21/2021 | Primary | < 4.9 | < 0.097 | < 4.9 |
| LV-17 | 1 | 6/21/2021 | Primary | **20** | < 0.11 | **120** |
| | 2.5 | 6/21/2021 | Primary | **2400** | -- | **7300** |
| | 5 | 6/21/2021 | Primary | **800** | **270** | **2900** |
| | 7.5 | 6/21/2021 | Primary | **14** | -- | **63** |
| | 10 | 6/21/2021 | Primary | < 4.7 | < 0.099 | **11** |
| LV-18 | 1 | 6/21/2021 | Primary | **9.7** | < 0.091 | **120** |
| | 2.5 | 6/21/2021 | Primary | < 4.9 | -- | **46** |
| | 5 | 6/21/2021 | Primary | < 5 | < 0.089 | < 5 |
| | 7.5 | 6/21/2021 | Primary | **6.9** | -- | **8** |
| | 10 | 6/21/2021 | Primary | **7.1** | < 0.1 | **9.8** |
| | 10 | 6/21/2021 | Duplicate | -- | < 0.083 | -- |
| LV-19 | 1 | 6/21/2021 | Primary | **11** | < 0.085 | **84** |
| | 2.5 | 6/21/2021 | Primary | **8** | -- | **63** |
| | 5 | 6/21/2021 | Primary | < 4.9 | < 0.078 | **9.3** |
| | 7.5 | 6/21/2021 | Primary | **5.4** | -- | **8.6** |
| | 10 | 6/21/2021 | Primary | **7.8** | < 0.092 | **16** |
| SB-1 | 2 | 8/22/2020 | Primary | < 10 | < 10 | **49** |
| | 5 | 8/22/2020 | Primary | < 10 | < 10 | **8.9** |
| SB-2 | 2 | 8/22/2020 | Primary | < 10 | < 10 | **16** |
| | 5 | 8/22/2020 | Primary | < 10 | < 10 | < 10 |
| SB-3 | 10 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| SB-4 | 2 | 8/21/2020 | Primary | < 10 | < 10 | **22** |
| | 5 | 8/21/2020 | Primary | < 9.9 | < 9.9 | **32** |

**TABLE C-3**
**ANALYTICAL DATA INCLUDED IN THE HHRA: TOTAL PETROLEUM HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | TPH-Diesel | TPH-Gasoline | TPH-Motor Oil |
|---|---|---|---|---|---|---|
| SB-5 | 2 | 8/21/2020 | Primary | < 10 | < 10 | **70** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | **4.9** |
| SB-6 | 2 | 8/22/2020 | Primary | < 10 | < 10 | < 10 |
| | 5 | 8/22/2020 | Primary | < 10 | < 10 | < 10 |
| SB-7 | 2 | 8/22/2020 | Primary | < 20 | < 20 | **50** |
| | 5 | 8/22/2020 | Primary | **4.5** | < 10 | < 10 |
| SB-8 | 2 | 8/21/2020 | Primary | **100** | < 50 | **1400** |
| | 5 | 8/21/2020 | Primary | < 9.9 | < 9.9 | **5.7** |
| SB-9 | 2 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | **4.5** |
| SB-10 | 2 | 8/21/2020 | Primary | **180** | < 110 | **850** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | **12** |
| SB-11 | 2 | 8/21/2020 | Primary | **350** | **27** | **1100** |
| | 5 | 8/21/2020 | Primary | **4.2** | < 10 | < 10 |
| SB-12 | 2 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| SB-13 | 2 | 8/21/2020 | Primary | **80** | < 50 | **390** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| | 10 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| SB-14 | 2 | 8/21/2020 | Primary | **1400** | < 10 | **4500** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| SB-15 | 2 | 8/22/2020 | Primary | < 10 | < 10 | < 10 |
| | 5 | 8/22/2020 | Primary | < 10 | < 10 | < 10 |
| SB-16 | 2 | 8/21/2020 | Primary | **4900** | < 10 | **13000** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| SB-17 | 2 | 8/22/2020 | Primary | < 10 | < 10 | **5.5** |
| | 5 | 8/22/2020 | Primary | **50** | **8.2** | **130** |
| SB-18 | 2 | 8/22/2020 | Primary | **5.3** | < 10 | **17** |
| | 5 | 8/22/2020 | Primary | < 10 | < 10 | **6.7** |

**TABLE C-3**
**ANALYTICAL DATA INCLUDED IN THE HHRA: TOTAL PETROLEUM HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | TPH-Diesel | TPH-Gasoline | TPH-Motor Oil |
|---|---|---|---|---|---|---|
| SB-19 | 2 | 8/21/2020 | Primary | **58** | **9.4** | **98** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| SB-20 | 2 | 8/21/2020 | Primary | **510** | **150** | **960** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| SB-21 | 2 | 8/21/2020 | Primary | **35** | < 10 | **51** |
| | 5 | 8/21/2020 | Primary | **1500** | **240** | **1700** |
| | 10 | 8/21/2020 | Primary | **9.7** | < 10 | **6.5** |
| SB-22 | 2 | 8/21/2020 | Primary | < 10 | < 10 | < 10 |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | **6.8** |
| SB-23 | 2 | 8/21/2020 | Primary | **8500** | **2600** | **33000** |
| | 5 | 8/21/2020 | Primary | **4.5** | < 9.9 | **18** |
| SB-24 | 2 | 8/21/2020 | Primary | < 20 | < 20 | **74** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | **10** |
| SB-25 | 2 | 8/21/2020 | Primary | < 10 | < 10 | **16** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | **9.7** |
| SB-26 | 2 | 8/21/2020 | Primary | **16** | < 10 | **37** |
| | 5 | 8/21/2020 | Primary | < 50 | < 50 | **130** |
| SB-27 | 2 | 8/21/2020 | Primary | **40** | < 10 | **400** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | **8.6** |
| SB-28 | 2 | 8/21/2020 | Primary | < 100 | < 100 | **300** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | **11** |
| SB-29 | 2 | 8/21/2020 | Primary | < 10 | < 10 | **17** |
| | 5 | 8/21/2020 | Primary | < 10 | < 10 | **8.5** |
| SB-30 | 2 | 8/22/2020 | Primary | < 20 | < 20 | **70** |
| | 5 | 8/22/2020 | Primary | < 10 | < 10 | **11** |
| SB-31 | 2 | 8/22/2020 | Primary | < 50 | < 50 | **98** |
| | 5 | 8/22/2020 | Primary | < 10 | < 10 | **14** |
| SB-32 | 2 | 8/22/2020 | Primary | < 200 | < 200 | **930** |
| | 5 | 8/22/2020 | Primary | < 10 | < 10 | **11** |

**TABLE C-3**
**ANALYTICAL DATA INCLUDED IN THE HHRA: TOTAL PETROLEUM HYDROCARBONS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | TPH-Diesel | TPH-Gasoline | TPH-Motor Oil |
|---|---|---|---|---|---|---|
| SB-33 | 2 | 8/22/2020 | Primary | **4.5** | < 10 | **14** |
| | 5 | 8/22/2020 | Primary | < 10 | < 10 | **10** |

**Notes:**

Results in milligrams per kilogram (mg/kg)

Detected results are presented in bold

-- = results not available or sample not analyzed

< = Analyte was not detected at the given reporting limit

bgs = below ground surface

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Chromium VI | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B1 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **686** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **13.1** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **36.3** | -- | -- | -- | -- |
| B2 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **506** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **41.6** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **9.2** | -- | -- | -- | -- |
| B3 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **702** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **57.2** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **71** | -- | -- | -- | -- |
| B4 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **6.36** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **39.1** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **34.6** | -- | -- | -- | -- |
| B5 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **92.4** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **19900** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **20.7** | -- | -- | -- | -- |
| B6 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **662** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **97.3** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **668** | -- | -- | -- | -- |
| | 4 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **11.6** | -- | -- | -- | -- |
| B7 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **23.3** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **15.3** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **10.8** | -- | -- | -- | -- |
| B8 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **9790** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **111** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **30** | -- | -- | -- | -- |
| B9 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **105** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **24.5** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **170** | -- | -- | -- | -- |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Chromium VI | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B10 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **4470** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **10.7** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **6.5** | -- | -- | -- | -- |
| B11 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **52.8** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **7.6** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **7.2** | -- | -- | -- | -- |
| B12 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **1210** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **8.3** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **8.1** | -- | -- | -- | -- |
| B13 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **775** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **10** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **6.9** | -- | -- | -- | -- |
| B14 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **473** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **9.2** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **61.5** | -- | -- | -- | -- |
| B15 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **2330** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **306** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **7.2** | -- | -- | -- | -- |
| B16 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **39.8** | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **14.5** | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **6.7** | -- | -- | -- | -- |
| EFI1 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **62.7** | -- | -- | -- | -- |
| EFI2 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **791** | -- | -- | -- | -- |
| EFI3 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **20.7** | -- | -- | -- | -- |
| EFI4 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **137** | -- | -- | -- | -- |
| EFI5 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **8.1** | -- | -- | -- | -- |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Chromium VI | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LDB-1 | 0.5 | 2/16/2023 | Primary | < 2.9 | **5.16** | **145** | < 0.0701 | < 0.166 | **22.8** | -- | **10.5** | **31.6** | **6.42** | < 0.0314 | < 0.523 | **17** | < 1.24 |
| | 2.5 | 2/16/2023 | Primary | < 2.92 | **8.04** | **126** | < 0.0704 | **0.816** | **13** | -- | **6.66** | **18.7** | **8.43** | < 0.0327 | < 0.526 | **10.3** | < 1.25 |
| | 5 | 2/16/2023 | Primary | < 2.89 | **8.79** | **101** | < 0.0697 | < 0.166 | **16.2** | -- | **7.41** | **21.6** | **5.06** | < 0.032 | < 0.52 | **11.9** | < 1.23 |
| | 7.5 | 2/16/2023 | Primary | < 2.9 | < 1.41 | **133** | < 0.0701 | < 0.166 | **22.6** | -- | **9.38** | **31.1** | **6.51** | < 0.0333 | < 0.523 | **16.5** | < 1.24 |
| | 10 | 2/16/2023 | Primary | < 2.92 | < 1.42 | **120** | < 0.0704 | < 0.167 | **21.2** | -- | **10.2** | **25.2** | **4.27** | < 0.0314 | < 0.526 | **16.9** | < 1.25 |
| LDB-2/3 | 0.5 | 2/16/2023 | Primary | < 2.9 | **13.7** | **92.6** | < 0.0701 | < 0.166 | **15.5** | -- | **8.06** | **85.7** | **15.5** | < 0.0314 | < 0.523 | **15.7** | < 1.24 |
| | 2.5 | 2/16/2023 | Primary | < 2.92 | **3.6** | **74** | < 0.0704 | < 0.167 | **7.61** | -- | **3.92** | **9.48** | < 0.417 | < 0.0327 | < 0.526 | **5.97** | < 1.25 |
| | 5 | 2/16/2023 | Primary | < 2.89 | < 1.41 | **98** | < 0.0697 | < 0.166 | **11.2** | -- | **6.14** | **17** | **2.35** | < 0.0314 | < 0.52 | **9.08** | < 1.23 |
| | 7.5 | 2/16/2023 | Primary | < 2.92 | < 1.42 | **65.8** | < 0.0704 | < 0.167 | **9.58** | -- | **5.89** | **13** | **2.17** | < 0.0314 | < 0.526 | **7.61** | < 1.25 |
| | 10 | 2/16/2023 | Primary | < 2.9 | < 1.41 | **89** | < 0.0701 | < 0.166 | **26** | -- | **10.7** | **30.3** | **6.33** | **0.1** | < 0.523 | **19.8** | < 1.24 |
| LDB-4 | 0.5 | 2/16/2023 | Primary | < 2.9 | **3.31** | **79.7** | < 0.0701 | < 0.166 | **12.7** | -- | **6.14** | **24** | **11.4** | < 0.032 | < 0.523 | **10.1** | < 1.24 |
| | 2.5 | 2/16/2023 | Primary | < 2.92 | < 1.42 | **57.2** | < 0.0704 | < 0.167 | **10.3** | -- | **5.6** | **14.5** | **3.74** | < 0.0327 | < 0.526 | **8.51** | < 1.25 |
| | 5 | 2/16/2023 | Primary | < 2.86 | < 1.39 | **68.4** | < 0.069 | < 0.164 | **12.9** | -- | **6.76** | **16.5** | **3.49** | < 0.0314 | < 0.515 | **10.4** | < 1.22 |
| | 7.5 | 2/16/2023 | Primary | < 2.87 | **6.16** | **140** | < 0.0693 | < 0.165 | **17.3** | -- | **8.82** | **22.9** | **3.66** | < 0.0327 | < 0.518 | **14** | < 1.23 |
| | 10 | 2/16/2023 | Primary | < 2.87 | < 1.4 | **172** | **0.628** | < 0.165 | **26.4** | -- | **11.9** | **42.8** | **8.25** | < 0.0314 | < 0.518 | **19.4** | < 1.23 |
| LDB-5 | 0.5 | 2/16/2023 | Primary | **125** | < 2.8 | **783** | < 0.139 | **60.2** | **822** | < 0.19 | **49.9** | **170** | **11100** | **3.55** | **108** | **37.4** | **6.58** |
| | 2.5 | 2/16/2023 | Primary | < 2.9 | **4.7** | **235** | < 0.0701 | **3.72** | **130** | **1.9** | **2.84** | **63.6** | **2030** | **0.105** | **2.59** | **5.53** | < 1.24 |
| | 5 | 2/16/2023 | Primary | < 2.83 | **3.73** | **86.4** | < 0.0683 | < 0.162 | **11.6** | -- | **5.27** | **12.8** | **4** | < 0.0314 | < 0.51 | **7.78** | < 1.21 |
| | 7.5 | 2/16/2023 | Primary | < 2.92 | **5.43** | **99.4** | < 0.0704 | < 0.167 | **18.3** | -- | **7.92** | **23.8** | **5.71** | **0.0963** | < 0.526 | **13.2** | < 1.25 |
| | 10 | 2/16/2023 | Primary | < 2.92 | < 1.42 | **72.8** | < 0.0704 | < 0.167 | **10.2** | -- | **4.82** | **13.1** | **2.51** | < 0.0327 | < 0.526 | **7.68** | < 1.25 |
| LDB-6 | 0.5 | 2/16/2023 | Primary | < 2.89 | < 1.41 | **103** | < 0.0697 | < 0.166 | **35.3** | -- | **3.76** | **29.3** | **441** | **0.184** | **3.54** | **6.4** | < 1.23 |
| | 2.5 | 2/16/2023 | Primary | < 2.89 | **5.39** | **104** | < 0.0697 | < 0.166 | **14** | -- | **6.43** | **29.8** | **8.65** | < 0.032 | < 0.52 | **10.3** | < 1.23 |
| | 5 | 2/16/2023 | Primary | < 2.84 | **3.66** | **98.6** | < 0.0687 | < 0.163 | **11.3** | -- | **5.14** | **13.2** | **3.35** | < 0.0327 | < 0.512 | **7.72** | < 1.22 |
| | 7.5 | 2/16/2023 | Primary | < 2.87 | < 1.4 | **39.5** | < 0.0693 | < 0.165 | **6.93** | -- | **3.48** | **8.12** | **3.28** | < 0.0314 | < 0.518 | **5.26** | < 1.23 |
| | 10 | 2/16/2023 | Primary | < 2.83 | **4.03** | **135** | < 0.0683 | < 0.162 | **22.9** | -- | **10.2** | **35.9** | **6.99** | < 0.0314 | < 0.51 | **17.1** | < 1.21 |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Chromium VI | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LDB-7 | 0.5 | 2/16/2023 | Primary | < 2.9 | **4.43** | **77.9** | < 0.0701 | **1.43** | **41** | -- | **5.14** | **35.3** | **65.9** | **0.118** | < 0.523 | **9.64** | < 1.24 |
| | 2.5 | 2/16/2023 | Primary | < 2.87 | **14.3** | **99.3** | < 0.0693 | < 0.165 | **11.9** | -- | **7.16** | **25.2** | **7.27** | < 0.032 | < 0.518 | **11.2** | < 1.23 |
| | 5 | 2/16/2023 | Primary | < 2.87 | **7.81** | **64.4** | < 0.0693 | < 0.165 | **9.61** | -- | **5.1** | **12.2** | **2.6** | < 0.0314 | < 0.518 | **7.53** | < 1.23 |
| | 7.5 | 2/16/2023 | Primary | < 2.86 | **3.25** | **123** | < 0.069 | < 0.164 | **12.8** | -- | **7.23** | **16.9** | **2.69** | < 0.0327 | < 0.515 | **10** | < 1.22 |
| | 10 | 2/16/2023 | Primary | < 2.87 | < 1.4 | **155** | < 0.0693 | < 0.165 | **20.1** | -- | **8.51** | **26.5** | **4.3** | **0.117** | < 0.518 | **15.2** | < 1.23 |
| LDB-8 | 0.5 | 2/16/2023 | Primary | < 2.86 | **5.51** | **91** | < 0.069 | < 0.164 | **44.3** | -- | **5.81** | **41** | **48.1** | < 0.0327 | < 0.515 | **7.99** | < 1.22 |
| | 2.5 | 2/16/2023 | Primary | < 2.86 | **6.78** | **130** | < 0.069 | **0.5** | **20.2** | -- | **8.53** | **40.1** | **8.75** | < 0.0327 | < 0.515 | **14.5** | < 1.22 |
| | 5 | 2/16/2023 | Primary | < 2.89 | **10.3** | **163** | < 0.0697 | < 0.166 | **18** | -- | **8.64** | **23.1** | **5.54** | < 0.0314 | < 0.52 | **13.5** | < 1.23 |
| | 7.5 | 2/16/2023 | Primary | < 2.9 | < 1.41 | **69.6** | < 0.0701 | < 0.166 | **10.2** | -- | **5.06** | **12.7** | **2.82** | < 0.0327 | < 0.523 | **7.65** | < 1.24 |
| | 10 | 2/16/2023 | Primary | < 2.9 | < 1.41 | **107** | < 0.0701 | < 0.166 | **21.6** | -- | **10.2** | **25.5** | **5.19** | < 0.0333 | < 0.523 | **16.7** | < 1.24 |
| LDB-9 | 0.5 | 2/16/2023 | Primary | < 2.92 | **5.46** | **132** | < 0.0704 | < 0.167 | **41.9** | -- | **6.9** | **60.7** | **297** | **0.429** | < 0.526 | **11.5** | < 1.25 |
| | 2.5 | 2/16/2023 | Primary | < 2.87 | **7.02** | **138** | < 0.0693 | < 0.165 | **17.4** | -- | **7.94** | **29.7** | **33.9** | < 0.0333 | < 0.518 | **13.2** | < 1.23 |
| | 5 | 2/16/2023 | Primary | < 2.89 | **4.9** | **127** | < 0.0697 | < 0.166 | **17.5** | -- | **7.64** | **20.6** | **5.34** | < 0.0314 | < 0.52 | **13** | < 1.23 |
| | 7.5 | 2/16/2023 | Primary | < 2.87 | < 1.4 | **108** | < 0.0693 | < 0.165 | **13.6** | -- | **6.37** | **16.5** | **3.62** | < 0.032 | < 0.518 | **9.96** | < 1.23 |
| | 10 | 2/16/2023 | Primary | < 2.89 | **9.51** | **136** | < 0.0697 | < 0.166 | **8.4** | -- | < 0.208 | **12** | **18.7** | **0.119** | < 0.52 | < 0.366 | < 1.23 |
| LDB-10 | 0.5 | 2/16/2023 | Primary | < 2.9 | **6.32** | **132** | < 0.0701 | < 0.166 | **18.1** | -- | **8.27** | **28.3** | **43.2** | < 0.032 | < 0.523 | **13.5** | < 1.24 |
| | 2.5 | 2/16/2023 | Primary | < 2.89 | **5.96** | **140** | < 0.0697 | < 0.166 | **17.8** | -- | **8.07** | **28** | **13.1** | < 0.0314 | < 0.52 | **13.1** | < 1.23 |
| | 5 | 2/16/2023 | Primary | < 2.9 | **10** | **131** | < 0.0701 | < 0.166 | **21** | -- | **8.81** | **26.2** | **6.15** | **0.114** | < 0.523 | **15.4** | < 1.24 |
| | 7.5 | 2/16/2023 | Primary | < 2.89 | < 1.41 | **82.4** | < 0.0697 | < 0.166 | **11.9** | -- | **5.21** | **13.9** | **3.17** | < 0.0327 | < 0.52 | **8.43** | < 1.23 |
| | 10 | 2/16/2023 | Primary | < 2.92 | < 1.42 | **149** | **0.676** | < 0.167 | **30** | -- | **15.1** | **43.9** | **9.01** | **0.133** | < 0.526 | **24.2** | < 1.25 |
| LV-1 | 1 | 6/23/2021 | Primary | < 2.91 | < 2.43 | **27.8** | < 0.243 | < 0.485 | **1.84** | -- | < 0.971 | **3.4** | < 4.85 | **0.19** | < 0.485 | **0.491** | < 4.85 |
| | 5 | 6/23/2021 | Primary | < 2.97 | **2.71** | **47.8** | < 0.248 | < 0.495 | **4.06** | -- | **1.8** | **3.18** | < 4.95 | < 0.0833 | < 0.495 | **11.5** | < 4.95 |
| | 10 | 6/23/2021 | Primary | < 2.99 | **3.54** | **187** | **0.436** | < 0.498 | **10.7** | -- | **5.39** | **14.5** | **12.1** | **0.241** | < 0.498 | **24.4** | < 4.98 |
| LV-2 | 1 | 6/22/2021 | Primary | < 2.88 | < 2.4 | **51.7** | **0.345** | < 0.481 | **8.22** | -- | **4.73** | **7.92** | < 4.81 | < 0.082 | < 0.481 | **7.4** | < 4.81 |
| | 5 | 6/22/2021 | Primary | < 3.16 | **4.84** | **25.4** | < 0.263 | < 0.526 | **5.58** | -- | **2.66** | **2.47** | < 5.26 | < 0.0833 | < 0.526 | **3.88** | < 5.26 |
| | 10 | 6/22/2021 | Primary | < 2.96 | < 2.46 | **52.1** | **0.254** | < 0.493 | **7.09** | -- | **8.55** | **5.45** | < 4.93 | < 0.0877 | < 0.493 | **6.15** | < 4.93 |
| LV-3 | 1 | 6/22/2021 | Primary | < 3.02 | < 2.51 | **110** | **0.56** | < 0.503 | **89.6** | < 0.4 | **22** | **33.9** | < 5.03 | **0.431** | < 0.503 | **106** | < 5.03 |
| | 5 | 6/22/2021 | Primary | < 2.96 | < 2.46 | **88.4** | **0.493** | < 0.493 | **67.5** | < 0.4 | **14.8** | **22.9** | < 4.93 | < 0.0862 | < 0.493 | **69** | < 4.93 |
| | 10 | 6/22/2021 | Primary | < 3.08 | < 2.56 | **71.1** | **0.479** | < 0.513 | **80.7** | < 0.4 | **17.8** | **28.3** | < 5.13 | < 0.0794 | < 0.513 | **82** | < 5.13 |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Chromium VI | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-4 | 1 | 6/18/2021 | Primary | < 3.13 | < 2.6 | **76.8** | < 2.6 | < 0.521 | **6.51** | -- | **3.32** | **6.9** | < 0.521 | < 0.0847 | < 0.521 | **5.84** | < 5.21 |
| | 5 | 6/18/2021 | Primary | < 3 | **3.94** | **225** | < 0.25 | < 0.5 | **9.51** | -- | **3.45** | **7.69** | < 5 | **0.192** | < 0.5 | **6.87** | < 5 |
| | 10 | 6/18/2021 | Primary | < 2.99 | **6.73** | **182** | **0.408** | < 0.498 | **12.4** | -- | **7.78** | **18.4** | < 4.98 | < 0.082 | < 0.498 | **12.4** | < 4.98 |
| LV-5 | 1 | 6/23/2021 | Primary | < 2.94 | **3.4** | **109** | **0.29** | < 0.49 | **7.1** | -- | **3.62** | **7.97** | **7.28** | < 0.0806 | < 0.49 | **15.3** | < 4.9 |
| | 5 | 6/23/2021 | Primary | < 2.99 | < 2.49 | **84.4** | < 0.249 | < 0.498 | **6.35** | -- | **2.9** | **7.41** | **6.94** | < 0.082 | < 0.498 | **14.7** | < 4.98 |
| | 10 | 6/23/2021 | Primary | < 2.96 | **3.51** | **93.7** | **0.25** | < 0.493 | **6.69** | -- | **3.13** | **8.33** | **17.5** | **0.085** | < 0.493 | **14.3** | < 4.93 |
| LV-6 | 1 | 6/22/2021 | Primary | < 2.88 | **2.4** | **15.2** | < 0.24 | < 0.481 | **2.47** | -- | **0.991** | **1.13** | < 4.81 | **0.116** | < 0.481 | **1.54** | < 4.81 |
| | 5 | 6/22/2021 | Primary | < 2.91 | < 2.43 | **13.7** | < 0.243 | < 0.485 | **1.95** | -- | < 0.971 | < 0.971 | < 4.85 | < 0.082 | < 0.485 | **1.05** | < 4.85 |
| | 10 | 6/22/2021 | Primary | < 2.99 | **3.6** | **11.7** | < 0.249 | < 0.498 | **3.04** | -- | **1.17** | **1.22** | < 4.98 | **0.165** | < 0.498 | **1.97** | < 4.98 |
| LV-7 | 1 | 6/22/2021 | Primary | < 3.09 | < 2.58 | **56.5** | **0.343** | < 0.515 | **51.3** | **0.7** | **11.3** | **21.9** | < 5.15 | < 0.0833 | < 0.515 | **48.2** | < 5.15 |
| | 5 | 6/22/2021 | Primary | < 3.06 | **40.2** | **157** | **0.43** | **1.97** | **18.5** | -- | **16.5** | **1250** | **109** | < 0.0806 | < 0.51 | **12.5** | < 5.1 |
| | 10 | 6/22/2021 | Primary | < 3.03 | < 2.53 | **102** | **0.717** | < 0.505 | **109** | **0.48** | **21.9** | **34.6** | < 5.05 | < 0.0862 | < 0.505 | **97.8** | < 5.05 |
| LV-8 | 1 | 6/18/2021 | Primary | < 2.93 | < 2.44 | **36.1** | < 0.244 | < 0.488 | **3.72** | -- | **3.82** | **5.54** | < 4.88 | **0.143** | < 0.488 | **6.85** | < 4.88 |
| | 3 | 6/18/2021 | Primary | < 2.88 | < 2.4 | **30.1** | **0.288** | < 0.481 | **7.29** | -- | **5.11** | **7.96** | < 4.81 | < 0.0794 | < 0.481 | **9.44** | < 4.81 |
| | 5 | 6/18/2021 | Primary | < 2.9 | < 2.42 | **46.6** | < 0.242 | < 0.483 | **5.3** | -- | **3.03** | **7.82** | < 4.83 | **0.0996** | < 0.483 | **5.09** | < 4.83 |
| | 10 | 6/18/2021 | Primary | < 2.97 | < 2.48 | **34.2** | < 0.248 | < 0.495 | **2.31** | -- | **2.3** | **3.42** | < 4.95 | < 0.082 | < 0.495 | **3.36** | < 4.95 |
| LV-9 | 1 | 6/22/2021 | Primary | < 2.93 | < 2.44 | **144** | **0.573** | < 0.488 | **27.6** | -- | **8.4** | **14.2** | **8.62** | < 0.0877 | < 0.488 | **49.5** | < 4.88 |
| | 5 | 6/22/2021 | Primary | < 3 | **30** | **121** | **0.348** | **1.58** | **13.9** | -- | **11.9** | **986** | **93.1** | < 0.0862 | < 0.5 | **9.86** | < 5 |
| | 10 | 6/22/2021 | Primary | < 3.16 | < 2.63 | **87.2** | **0.445** | < 0.526 | **66.4** | **3.6** | **14.6** | **27.4** | < 5.26 | < 0.082 | < 0.526 | **67.3** | < 5.26 |
| LV-10 | 1 | 6/21/2021 | Primary | **12.5** | **3.36** | **434** | < 0.258 | **3.22** | **207** | **73** | **11.2** | **73.2** | **2680** | **1.22** | **22.7** | **14.3** | < 5.15 |
| | 5 | 6/21/2021 | Primary | < 3 | < 2.56 | **104** | **0.415** | < 0.513 | **14.4** | -- | **8.04** | **18** | < 5.13 | < 0.0877 | < 0.513 | **11.6** | < 5.13 |
| | 10 | 6/21/2021 | Primary | < 3 | < 2.5 | **152** | **0.616** | **1.23** | **21.3** | -- | **12** | **28.5** | < 5 | **0.105** | < 0.5 | **20.1** | < 5 |
| LV-11 | 1 | 6/21/2021 | Primary | < 3.08 | < 2.56 | **46.8** | < 0.256 | < 0.513 | **5.73** | -- | **3.79** | **9.86** | **11.9** | < 0.0862 | **1.04** | **3.7** | < 5.13 |
| | 2.5 | 6/21/2021 | Primary | < 2.91 | < 2.43 | **131** | **0.565** | < 0.485 | **19.1** | -- | **9.52** | **33.9** | < 4.85 | < 0.082 | < 0.485 | **14.5** | < 4.85 |
| | 5 | 6/21/2021 | Primary | < 2.87 | < 2.39 | **128** | **0.358** | < 0.478 | **14.8** | -- | **7.22** | **18.7** | < 4.78 | < 0.0877 | < 0.478 | **10.7** | < 4.78 |
| | 7.5 | 6/21/2021 | Primary | < 2.85 | < 2.36 | **141** | **0.641** | **0.479** | **20.9** | -- | **11.7** | **33** | **47.2** | < 0.0877 | < 0.476 | **17.3** | < 4.76 |
| | 10 | 6/21/2021 | Primary | < 3 | < 2.5 | **122** | **0.448** | < 0.5 | **15.7** | -- | **9.46** | **21.2** | < 5 | < 0.0877 | < 0.5 | **13.6** | < 5 |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Chromium VI | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-12 | 1 | 6/21/2021 | Primary | < 3 | **5.01** | **95.2** | < 0.25 | **1.35** | **12.1** | -- | **10.3** | **21.8** | **166** | < 0.0847 | **1.06** | **13.9** | < 5.1 |
| | 2.5 | 6/21/2021 | Primary | < 3.06 | < 2.55 | **107** | **0.497** | < 0.51 | **18.7** | -- | **8.3** | **24.6** | < 5.1 | < 0.0833 | < 0.51 | **13.9** | < 5.1 |
| | 5 | 6/21/2021 | Primary | < 3.13 | < 2.51 | **145** | **0.27** | < 0.521 | **10.7** | -- | **5.93** | **13.4** | < 5.21 | **0.197** | < 0.521 | **8.08** | < 5.21 |
| | 7.5 | 6/21/2021 | Primary | < 3.02 | < 2.51 | **145** | **0.533** | < 0.503 | **19.3** | -- | **11.4** | **25.3** | < 5.03 | < 0.082 | < 0.503 | **15.9** | < 5.03 |
| | 10 | 6/21/2021 | Primary | < 3.16 | < 2.63 | **166** | **0.538** | < 0.526 | **18.8** | -- | **11.2** | **25.4** | < 5.26 | **0.0934** | < 0.526 | **16** | < 5.26 |
| LV-13 | 1 | 6/18/2021 | Primary | < 3.11 | < 2.59 | **17.3** | < 0.259 | < 0.518 | **4.46** | -- | **2.06** | **3.87** | < 5.18 | < 0.0833 | < 0.518 | **3.88** | < 5.18 |
| | 2.5 | 6/18/2021 | Primary | < 3.16 | < 2.63 | **82** | **0.287** | < 0.526 | **8.26** | -- | **4.93** | **11.5** | **8.08** | < 0.0847 | < 0.526 | **9.02** | < 5.26 |
| | 5 | 6/18/2021 | Primary | < 3.02 | < 2.51 | **82.8** | **0.32** | < 0.503 | **9.41** | -- | **5.37** | **13.8** | **12.7** | **0.134** | < 0.503 | **9.84** | < 5.03 |
| | 7.5 | 6/18/2021 | Primary | < 2.93 | < 2.44 | **32.6** | < 0.244 | < 0.488 | **2.54** | -- | **1.52** | **3.56** | < 4.88 | **0.201** | < 0.488 | **2.49** | < 4.88 |
| | 10 | 6/18/2021 | Primary | < 2.99 | **4.61** | **149** | **0.553** | **0.798** | **12.8** | -- | **5.58** | **23.6** | **28.4** | < 0.082 | < 0.498 | **11.4** | < 4.98 |
| LV-14A | 1 | 6/18/2021 | Primary | < 3 | < 2.5 | **200** | < 0.25 | < 0.5 | **5.42** | -- | **20.4** | **8.46** | < 5 | **0.195** | < 0.5 | **14.1** | < 5 |
| | 2.5 | 6/18/2021 | Primary | < 3.09 | < 2.58 | **19.5** | < 0.258 | < 0.515 | **4.2** | -- | **2.62** | **2.97** | < 5.15 | **0.0833** | < 0.515 | **4.33** | < 5.15 |
| | 5 | 6/18/2021 | Primary | < 3.13 | **2.86** | **141** | **0.37** | < 0.521 | **11.8** | -- | **6.31** | **19.3** | **18** | < 0.0877 | < 0.521 | **10.6** | < 5.21 |
| | 7.5 | 6/18/2021 | Primary | < 3.16 | < 2.63 | **44.8** | < 0.263 | < 0.526 | **5.19** | -- | **3.48** | **6.2** | < 5.26 | **0.12** | < 0.526 | **5.27** | < 5.26 |
| | 10 | 6/18/2021 | Primary | < 3.02 | < 2.51 | **38.2** | < 0.251 | < 0.503 | **4.87** | -- | **3.49** | **6.96** | < 5.03 | < 0.082 | < 0.503 | **5.01** | < 5.03 |
| LV-14B | 2 | 6/18/2021 | Primary | < 3.09 | < 2.58 | **35.4** | < 0.258 | < 0.515 | **3.26** | -- | **2.36** | **7.57** | **6.53** | < 0.0806 | < 0.515 | **3.81** | < 5.15 |
| LV-15 | 1 | 6/21/2021 | Primary | **13.6** | < 2.59 | **135** | **0.384** | **1.08** | **78.3** | **22** | **8.63** | **54.6** | **1640** | **0.4** | **15.7** | **12.2** | < 5.18 |
| | 2.5 | 6/21/2021 | Primary | < 3.08 | < 2.56 | **57.1** | **0.265** | **1.42** | **10.7** | -- | **6.64** | **51.7** | **9.88** | < 0.0847 | < 0.513 | **7.92** | < 5.13 |
| | 5 | 6/21/2021 | Primary | < 3.02 | **13.5** | **97.6** | **0.426** | < 0.503 | **16** | -- | **10.6** | **24.5** | < 5.03 | < 0.0794 | < 0.503 | **16.4** | < 5.03 |
| | 7.5 | 6/21/2021 | Primary | < 3.02 | **20.5** | **203** | **0.543** | < 0.503 | **19.7** | -- | **12** | **27.6** | < 5.03 | < 0.082 | < 0.503 | **17.1** | < 5.03 |
| | 10 | 6/21/2021 | Primary | < 2.97 | < 2.48 | **116** | **0.386** | < 0.495 | **13.8** | -- | **8.93** | **20.6** | < 4.95 | < 0.0806 | < 0.495 | **12.3** | < 4.95 |
| LV-16 | 1 | 6/21/2021 | Primary | < 2.91 | < 2.43 | **67.2** | < 0.243 | < 0.485 | **5.27** | -- | **10.9** | **11.3** | < 4.85 | < 0.082 | < 0.485 | **4.26** | < 4.85 |
| | 2.5 | 6/21/2021 | Primary | < 2.91 | **7.67** | **136** | **0.515** | < 0.485 | **17.6** | -- | **8.94** | **27.7** | < 4.85 | < 0.0833 | < 0.485 | **13.4** | < 4.85 |
| | 5 | 6/21/2021 | Primary | < 2.93 | **6.92** | **141** | **0.389** | < 0.488 | **14.1** | -- | **7.75** | **18.6** | < 4.88 | < 0.0833 | < 0.488 | **11.4** | < 4.88 |
| | 7.5 | 6/21/2021 | Primary | < 2.88 | < 2.4 | **55.8** | < 0.24 | < 0.481 | **7.38** | -- | **4.55** | **9.23** | < 4.81 | < 0.0847 | < 0.481 | **6.07** | < 4.81 |
| | 10 | 6/21/2021 | Primary | < 2.91 | < 2.43 | **97.2** | **0.345** | < 0.485 | **12.1** | -- | **7.57** | **15.1** | < 4.85 | < 0.0862 | < 0.485 | **10.1** | < 4.85 |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Chromium VI | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-17 | 1 | 6/21/2021 | Primary | < 3.06 | < 2.55 | **80.2** | **0.274** | < 0.51 | **10.5** | -- | **5.49** | **12.7** | **10.8** | < 0.0862 | **0.543** | **7.95** | < 5.1 |
| | 2.5 | 6/21/2021 | Primary | < 2.96 | < 2.46 | **83.2** | **0.337** | **0.578** | **10.3** | -- | **6.71** | **19.8** | **9.7** | < 0.0794 | < 0.493 | **7.62** | < 4.93 |
| | 5 | 6/21/2021 | Primary | < 3 | < 2.5 | **83.1** | **0.379** | < 0.5 | **13.1** | -- | **7.23** | **15.2** | < 5 | < 0.0862 | < 0.5 | **10.4** | < 5 |
| | 7.5 | 6/21/2021 | Primary | < 2.91 | < 2.43 | **84.4** | < 0.243 | < 0.485 | **8.4** | -- | **4.55** | **10.9** | < 4.85 | < 0.0847 | < 0.485 | **6.28** | < 4.85 |
| | 10 | 6/21/2021 | Primary | < 2.93 | < 2.44 | **95.8** | **0.503** | < 0.488 | **17.8** | -- | **10.7** | **23.8** | < 4.88 | < 0.0877 | < 0.488 | **15.1** | < 4.88 |
| LV-18 | 1 | 6/21/2021 | Primary | < 3.11 | < 2.59 | **112** | **0.417** | **0.961** | **18.5** | -- | **8.98** | **28.3** | **226** | < 0.082 | < 0.518 | **14.4** | < 5.18 |
| | 2.5 | 6/21/2021 | Primary | < 3 | < 2.5 | **35.4** | < 0.25 | < 0.5 | **5.06** | -- | **2.74** | **6.88** | < 5 | < 0.082 | < 0.5 | **4.2** | < 5 |
| | 5 | 6/21/2021 | Primary | < 2.96 | < 2.46 | **161** | **0.494** | < 0.493 | **18** | -- | **9** | **22.9** | < 4.93 | < 0.0833 | < 0.493 | **14** | < 4.93 |
| | 7.5 | 6/21/2021 | Primary | < 3.16 | < 2.63 | **156** | **0.584** | < 0.526 | **21.6** | -- | **12.3** | **26.7** | < 5.26 | < 0.0862 | < 0.526 | **17.5** | < 5.26 |
| | 10 | 6/21/2021 | Primary | < 3.02 | < 2.51 | **123** | **0.66** | < 0.503 | **22.7** | -- | **11.7** | **37.7** | < 5.03 | < 0.0862 | < 0.503 | **17.1** | < 5.03 |
| LV-19 | 1 | 6/21/2021 | Primary | **2.98** | < 2.43 | **99.6** | < 0.243 | **1.36** | **23** | -- | **5.17** | **27.6** | **631** | < 0.0847 | **1.5** | **8.61** | < 4.85 |
| | 2.5 | 6/21/2021 | Primary | < 2.93 | **5.08** | **113** | **0.359** | < 0.488 | **13** | -- | **7.27** | **25.1** | **41.7** | < 0.0847 | < 0.488 | **10.4** | < 4.88 |
| | 5 | 6/21/2021 | Primary | < 3 | < 2.5 | **121** | **0.38** | < 0.5 | **13.8** | -- | **7.39** | **16.5** | < 5 | < 0.0833 | < 0.5 | **10.7** | < 5 |
| | 7.5 | 6/21/2021 | Primary | < 2.88 | < 2.4 | **92.1** | **0.281** | < 0.481 | **10.4** | -- | **5.89** | **12.4** | < 4.81 | < 0.0847 | < 0.481 | **8.22** | < 4.81 |
| | 10 | 6/21/2021 | Primary | < 3.13 | < 2.6 | **196** | **0.796** | **0.95** | **67.6** | **2.2** | **12.1** | **83.1** | < 5.21 | **0.941** | < 0.521 | **20.6** | < 5.21 |
| LV-20 | 0.5 | 6/21/2021 | Primary | < 3.16 | < 2.63 | **71.6** | < 0.263 | **0.566** | **22.2** | -- | **4.33** | **24.9** | **125** | < 0.0806 | **2.15** | **8.49** | < 5.26 |
| SB-1 | 2 | 8/22/2020 | Primary | **1.8 J** | **11** | **200** | **0.6** | < 0.51 | **27** | -- | **13** | **73** | **18** | < 0.13 | **0.98 J** | **22** | < 3 |
| SB-2 | 2 | 8/22/2020 | Primary | < 3.1 | **6.8** | **140** | **0.53** | < 0.51 | **18** | -- | **8.7** | **28** | **8.1** | **0.38** | < 1 | **14** | < 3.1 |
| SB-3 | 2 | 8/21/2020 | Primary | **1.8 J** | **9.6** | **230** | **0.68** | < 0.51 | **33** | -- | **15** | **39** | **10** | **0.066 J** | < 1 | **28** | < 3.1 |
| SB-4 | 2 | 8/21/2020 | Primary | **1.9 J** | **7.4** | **200** | **0.64** | < 0.51 | **32** | -- | **14** | **42** | **10** | **0.055 J** | < 1 | **26** | < 3 |
| SB-5 | 2 | 8/21/2020 | Primary | < 2.9 | **8.6** | **160** | **0.47 J** | < 0.51 | **24** | -- | **10** | **30** | **7.2** | **0.069 J** | < 0.97 | **20** | < 2.9 |
| SB-6 | 2 | 8/22/2020 | Primary | < 2.8 | **3.3** | **79** | **0.26 J** | < 0.46 | **12** | -- | **6.4** | **20** | **6.2** | < 0.13 | **0.87 J** | **9.5** | < 2.8 |
| SB-7 | 2 | 8/22/2020 | Primary | < 3 | **3.9** | **74** | **0.5** | < 0.5 | **12** | -- | **5.5** | **9.9** | **4.8** | **0.05 J** | < 0.99 | **7.8** | < 3 |
| SB-8 | 2 | 8/21/2020 | Primary | **1.7 J** | **4.6** | **170** | **0.37 J** | < 0.49 | **20** | -- | **9.3** | **43** | **25** | **0.14** | < 0.97 | **16** | < 2.9 |
| SB-9 | 2 | 8/21/2020 | Primary | < 3 | **5.4** | **190** | **0.66** | < 0.5 | **30** | -- | **13** | **36** | **8.5** | **0.063 J** | < 0.99 | **23** | < 3 |
| SB-10 | 5 | 8/21/2020 | Primary | **2.7 J** | **18** | **170** | **0.55** | < 0.46 | **25** | -- | **10** | **24** | **8.4** | < 0.13 | < 0.93 | **18** | < 2.8 |
| | 10 | 8/21/2020 | Primary | -- | **4** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | Primary | **19** | **6.4** | **180** | **0.34 J** | **1** | **88** | -- | **10** | **61** | **2400** | **0.86** | **11** | **15** | < 2.8 |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **6.3** | -- | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | Primary | **1.7 J** | **6.6** | **200** | **0.55** | < 0.5 | **26** | -- | **13** | **30** | **8.3** | **0.074 J** | **0.8 J** | **21** | < 3 |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Chromium VI | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-13 | 2 | 8/21/2020 | Primary | **29** | **7.9** | **310** | **0.42 J** | **0.81** | **110** | -- | **8.1** | **54** | **2300** | **0.33** | **18** | **16** | < 3.2 |
| SB-14 | 5 | 8/21/2020 | Primary | < 2.8 | **9.7** | **150** | **0.47** | < 0.47 | **23** | -- | **9.9** | **25** | **31** | < 0.12 | < 0.94 | **17** | < 2.8 |
| SB-15 | 2 | 8/22/2020 | Primary | **4.8** | **7.9** | **110** | **0.23 J** | **0.98** | **38** | -- | **7.2** | **38** | **390** | **0.32** | **4** | **17** | < 3.2 |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **5.8** | -- | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | Primary | **13** | **8.1** | **2200** | **0.32 J** | **15** | **2000** | -- | **31** | **230** | **13000** | **1.1** | **91** | **36** | < 3.1 |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **6.3** | -- | -- | -- | -- |
| SB-17 | 2 | 8/22/2020 | Primary | **1.6** | **4.8** | **130** | **0.4 J** | < 0.49 | **19** | -- | **9.7** | **35** | **11** | **0.047 J** | **5.8** | **16** | < 2.9 |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **9.5** | -- | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | Primary | < 3 | **1.6** | **29** | **0.19 J** | < 0.5 | **6.6** | -- | **3.8** | **8.9** | **4.5** | **0.076 J** | < 1 | **5** | < 3 |
| SB-19 | 2 | 8/21/2020 | Primary | **79** | **21** | **840** | **0.28 J** | **4** | **5100** | -- | **35** | **920** | **26000** | **2.3** | **480** | **120** | < 2.8 |
| | 5 | 8/21/2020 | Primary | -- | **8.1** | -- | -- | -- | -- | -- | -- | -- | **4.7** | -- | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | Primary | **6.9** | **3.2** | **400** | **0.2 J** | **0.13 J** | **28** | -- | **6.5** | **23** | **520** | **0.081 J** | **5** | **8.6** | < 3.1 |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- | -- | -- | -- | -- | -- | **7.8** | -- | -- | -- | -- |
| SB-21 | 2 | 8/21/2020 | Primary | < 2.9 | **5** | **110** | **0.38 J** | < 0.48 | **18** | -- | **8.3** | **18** | **5.9** | < 0.14 | < 0.96 | **14** | < 2.9 |
| SB-22 | 2 | 8/21/2020 | Primary | < 2.8 | **3.3** | **110** | **0.19 J** | **0.19 J** | **13** | -- | **6.1** | **18** | **50** | **0.055 J** | < 0.94 | **8.4** | < 2.8 |
| SB-23 | 2 | 8/21/2020 | Primary | **730** | **23** | **280** | **0.4 J** | **5** | **180** | -- | **17** | **110** | **4100** | **0.91** | **36** | **26** | < 2.8 |
| | 5 | 8/21/2020 | Primary | **1.7 J** | **4** | -- | -- | -- | -- | -- | -- | -- | **5.7** | -- | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | Primary | **4** | **5.3** | **110** | **0.37 J** | < 0.46 | **17** | -- | **7.8** | **22** | **140** | **0.041 J** | < 0.93 | **13** | < 2.8 |
| SB-25 | 2 | 8/21/2020 | Primary | **1.6 J** | **7** | **110** | **0.37 J** | < 0.47 | **18** | -- | **8.4** | **23** | **110** | **0.097 J** | < 0.93 | **14** | < 2.8 |
| SB-26 | 2 | 8/21/2020 | Primary | **1.9 J** | **14** | **270** | **0.65** | < 0.5 | **30** | -- | **14** | **34** | **9.3** | **0.051 J** | < 0.99 | **24** | < 3 |
| | 5 | 8/21/2020 | Primary | -- | **6.4** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | Primary | < 3.1 | **2.2** | **77** | **0.18 J** | **0.12 J** | **18** | -- | **5.2** | **15** | **100** | **0.08 J** | **0.7 J** | **14** | < 3.1 |
| SB-28 | 2 | 8/21/2020 | Primary | < 3.2 | **3.1** | **76** | **0.48 J** | < 0.53 | **15** | -- | **4.9** | **11** | **15** | **0.11 J** | **0.94 J** | **9.3** | < 3.2 |
| SB-29 | 2 | 8/21/2020 | Primary | < 2.6 | **2.1** | **74** | **0.16 J** | < 0.44 | **15** | -- | **4.5** | **9.3** | **47** | **0.048 J** | < 0.88 | **14** | < 2.6 |
| SB-30 | 2 | 8/22/2020 | Primary | < 3.3 | **2.7** | **59** | **0.25 J** | < 0.56 | **8.7** | -- | **3.8** | **9.8** | **6.1** | < 0.12 | < 0.66 | **7** | < 3.3 |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Chromium VI | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-31 | 2 | 8/22/2020 | Primary | < 2.6 | **5** | **85** | **0.67** | < 0.43 | **19** | -- | **9.3** | **32** | **19** | **0.058 J** | < 0.86 | **15** | < 2.6 |
| SB-32 | 2 | 8/22/2020 | Primary | < 3.3 | **4.3** | **87** | **0.36 J** | < 0.56 | **12** | -- | **6.7** | **19** | **12** | **0.055 J** | < 1.1 | **14** | < 3.3 |
| SB-33 | 2 | 8/22/2020 | Primary | < 2.7 | **6.9** | **170** | **0.55** | < 0.45 | **24** | -- | **11** | **47** | **12** | < 0.13 | < 0.89 | **18** | < 2.7 |

**Notes:**
Results in milligrams per kilogram (mg/kg)
Detected results are presented in bold
-- = results not available or sample not analyzed
< = Analyte was not detected at the given reporting limit
bgs = below ground surface
J = estimated value

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Silver | Thallium | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|
| B1 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B2 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B3 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B4 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B5 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B6 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 4 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B7 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B8 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B9 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Silver | Thallium | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|
| B10 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B11 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B12 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B13 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B14 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B15 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| B16 | 1 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 2 | 11/20/2020 | Primary | -- | -- | -- | -- |
| | 3 | 11/20/2020 | Primary | -- | -- | -- | -- |
| EFI1 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- |
| EFI2 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- |
| EFI3 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- |
| EFI4 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- |
| EFI5 | 1 | 11/13/2020 | Primary | -- | -- | -- | -- |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Silver | Thallium | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|
| LDB-1 | 0.5 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **37.9** | **51.3** |
| | 2.5 | 2/16/2023 | Primary | < 0.147 | < 2.15 | **25.1** | **57.5** |
| | 5 | 2/16/2023 | Primary | < 0.145 | < 2.13 | **32.3** | **37** |
| | 7.5 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **40** | **47.2** |
| | 10 | 2/16/2023 | Primary | < 0.147 | < 2.15 | **43.7** | **53.6** |
| LDB-2/3 | 0.5 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **27.8** | **38.4** |
| | 2.5 | 2/16/2023 | Primary | < 0.147 | < 2.15 | **16** | **22.1** |
| | 5 | 2/16/2023 | Primary | < 0.145 | < 2.13 | **33.4** | **29.3** |
| | 7.5 | 2/16/2023 | Primary | < 0.147 | < 2.15 | **26** | **26.7** |
| | 10 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **41.5** | **52.6** |
| LDB-4 | 0.5 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **23.3** | **52.3** |
| | 2.5 | 2/16/2023 | Primary | < 0.147 | < 2.15 | **24.9** | **28.7** |
| | 5 | 2/16/2023 | Primary | < 0.144 | < 2.11 | **30.9** | **33.6** |
| | 7.5 | 2/16/2023 | Primary | < 0.145 | < 2.12 | **41.7** | **45.7** |
| | 10 | 2/16/2023 | Primary | < 0.145 | < 2.12 | **49.8** | **53.4** |
| LDB-5 | 0.5 | 2/16/2023 | Primary | < 0.289 | < 4.23 | **11** | **4460** |
| | 2.5 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **7.25** | **180** |
| | 5 | 2/16/2023 | Primary | < 0.143 | < 2.09 | **22.5** | **28.4** |
| | 7.5 | 2/16/2023 | Primary | < 0.147 | < 2.15 | **39.8** | **42.7** |
| | 10 | 2/16/2023 | Primary | < 0.147 | < 2.15 | **21.6** | **26.4** |
| LDB-6 | 0.5 | 2/16/2023 | Primary | < 0.145 | < 2.13 | **13.1** | **197** |
| | 2.5 | 2/16/2023 | Primary | < 0.145 | < 2.13 | **26.1** | **41.9** |
| | 5 | 2/16/2023 | Primary | < 0.143 | < 2.1 | **22.2** | **26.6** |
| | 7.5 | 2/16/2023 | Primary | < 0.145 | < 2.12 | **13.9** | **20.5** |
| | 10 | 2/16/2023 | Primary | < 0.143 | < 2.09 | **43.7** | **47.1** |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Silver | Thallium | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|
| LDB-7 | 0.5 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **19.9** | **94.8** |
| | 2.5 | 2/16/2023 | Primary | < 0.145 | < 2.12 | **24.6** | **42.7** |
| | 5 | 2/16/2023 | Primary | < 0.145 | < 2.12 | **23.4** | **26** |
| | 7.5 | 2/16/2023 | Primary | < 0.144 | < 2.11 | **32.8** | **33.8** |
| | 10 | 2/16/2023 | Primary | < 0.145 | < 2.12 | **36.9** | **43.8** |
| LDB-8 | 0.5 | 2/16/2023 | Primary | < 0.144 | < 2.11 | **24.4** | **64.8** |
| | 2.5 | 2/16/2023 | Primary | < 0.144 | < 2.11 | **36** | **64** |
| | 5 | 2/16/2023 | Primary | < 0.145 | < 2.13 | **36.8** | **40.9** |
| | 7.5 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **20.5** | **29.8** |
| | 10 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **40.9** | **49.9** |
| LDB-9 | 0.5 | 2/16/2023 | Primary | < 0.147 | < 2.15 | **22.9** | **103** |
| | 2.5 | 2/16/2023 | Primary | < 0.145 | < 2.12 | **33.5** | **76.6** |
| | 5 | 2/16/2023 | Primary | < 0.145 | < 2.13 | **31.2** | **40.4** |
| | 7.5 | 2/16/2023 | Primary | < 0.145 | < 2.12 | **28** | **35.4** |
| | 10 | 2/16/2023 | Primary | < 0.145 | < 2.13 | **12.2** | < 1.17 |
| LDB-10 | 0.5 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **36.2** | **65.7** |
| | 2.5 | 2/16/2023 | Primary | < 0.145 | < 2.13 | **35.9** | **52.8** |
| | 5 | 2/16/2023 | Primary | < 0.146 | < 2.14 | **39.1** | **43.9** |
| | 7.5 | 2/16/2023 | Primary | < 0.145 | < 2.13 | **24.1** | **31.1** |
| | 10 | 2/16/2023 | Primary | < 0.147 | < 2.15 | **63.1** | **64** |
| LV-1 | 1 | 6/23/2021 | Primary | < 0.971 | < 4.85 | **11.1** | < 9.71 |
| | 5 | 6/23/2021 | Primary | < 0.99 | < 4.95 | **4.21** | < 9.9 |
| | 10 | 6/23/2021 | Primary | < 0.995 | < 4.98 | **16.3** | **19.3** |
| LV-2 | 1 | 6/22/2021 | Primary | < 0.962 | < 4.81 | **17.6** | **22.4** |
| | 5 | 6/22/2021 | Primary | < 1.05 | < 5.26 | **8.13** | **12** |
| | 10 | 6/22/2021 | Primary | < 0.985 | < 4.93 | **13.3** | **18.9** |
| LV-3 | 1 | 6/22/2021 | Primary | < 1.01 | < 5.03 | **41.8** | **43.9** |
| | 5 | 6/22/2021 | Primary | < 0.985 | < 4.93 | **43** | **30.7** |
| | 10 | 6/22/2021 | Primary | < 1.03 | < 5.13 | **44.2** | **32.4** |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Silver | Thallium | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|
| LV-4 | 1 | 6/18/2021 | Primary | < 1.04 | < 5.21 | **12.3** | **16.1** |
| | 5 | 6/18/2021 | Primary | < 1 | < 5 | **17.4** | **20.9** |
| | 10 | 6/18/2021 | Primary | < 0.995 | < 4.98 | **27.2** | **38.8** |
| LV-5 | 1 | 6/23/2021 | Primary | < 0.98 | < 4.9 | **9.24** | **13.2** |
| | 5 | 6/23/2021 | Primary | < 0.995 | < 4.98 | **8.63** | **12.7** |
| | 10 | 6/23/2021 | Primary | < 0.985 | < 4.93 | **8.68** | **13.3** |
| LV-6 | 1 | 6/22/2021 | Primary | < 0.481 | < 4.81 | **3.35** | < 9.62 |
| | 5 | 6/22/2021 | Primary | < 0.971 | < 4.85 | **2.42** | < 9.71 |
| | 10 | 6/22/2021 | Primary | < 0.995 | < 4.98 | **4.08** | < 9.95 |
| LV-7 | 1 | 6/22/2021 | Primary | < 1.03 | < 5.15 | **31** | **19.6** |
| | 5 | 6/22/2021 | Primary | < 1.02 | < 5.1 | **30.8** | **1770** |
| | 10 | 6/22/2021 | Primary | < 1.01 | < 5.05 | **68.6** | **38.2** |
| LV-8 | 1 | 6/18/2021 | Primary | < 0.976 | < 4.88 | **6.97** | **13.9** |
| | 3 | 6/18/2021 | Primary | < 0.962 | < 4.81 | **14.1** | **34.2** |
| | 5 | 6/18/2021 | Primary | < 0.966 | < 4.83 | **10.9** | **16.9** |
| | 10 | 6/18/2021 | Primary | < 0.99 | < 4.95 | **4.39** | < 9.9 |
| LV-9 | 1 | 6/22/2021 | Primary | < 0.976 | < 4.88 | **23.1** | **47.2** |
| | 5 | 6/22/2021 | Primary | < 1 | < 5 | **24.1** | **1210** |
| | 10 | 6/22/2021 | Primary | < 1.05 | < 5.26 | **35.6** | **32.8** |
| LV-10 | 1 | 6/21/2021 | Primary | **1.74** | < 5.15 | **16** | **293** |
| | 5 | 6/21/2021 | Primary | < 1.03 | < 5.13 | **25.8** | **36** |
| | 10 | 6/21/2021 | Primary | < 1 | < 5 | **38.7** | **82.6** |
| LV-11 | 1 | 6/21/2021 | Primary | < 1.03 | < 5.13 | **9.62** | **33** |
| | 2.5 | 6/21/2021 | Primary | < 0.971 | < 4.85 | **32.6** | **46.4** |
| | 5 | 6/21/2021 | Primary | < 0.957 | < 4.78 | **26.2** | **33.3** |
| | 7.5 | 6/21/2021 | Primary | < 0.952 | < 4.76 | **41.6** | **47.3** |
| | 10 | 6/21/2021 | Primary | < 1 | < 5 | **31.1** | **42.8** |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Silver | Thallium | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|
| LV-12 | 1 | 6/21/2021 | Primary | < 1.02 | < 5.1 | **26.7** | **40.7** |
| | 2.5 | 6/21/2021 | Primary | < 1.02 | < 5.1 | **26.7** | **40.7** |
| | 5 | 6/21/2021 | Primary | < 1.04 | < 5.21 | **21.6** | **25.9** |
| | 7.5 | 6/21/2021 | Primary | < 1.01 | < 5.03 | **39.6** | **47.8** |
| | 10 | 6/21/2021 | Primary | < 1.05 | < 5.26 | **38.7** | **50.1** |
| LV-13 | 1 | 6/18/2021 | Primary | < 1.04 | < 5.18 | **7.21** | **13.9** |
| | 2.5 | 6/18/2021 | Primary | < 1.05 | < 5.26 | **15** | **27.4** |
| | 5 | 6/18/2021 | Primary | < 1.01 | < 5.03 | **15.7** | **32.4** |
| | 7.5 | 6/18/2021 | Primary | < 0.976 | < 4.88 | **5.03** | **12.1** |
| | 10 | 6/18/2021 | Primary | < 0.995 | < 4.98 | **20** | **53.9** |
| LV-14A | 1 | 6/18/2021 | Primary | < 1 | < 5 | **8.77** | **17.5** |
| | 2.5 | 6/18/2021 | Primary | < 1.03 | < 5.15 | **7.75** | **13.2** |
| | 5 | 6/18/2021 | Primary | < 1.04 | < 5.21 | **21.7** | **43.9** |
| | 7.5 | 6/18/2021 | Primary | < 1.05 | < 5.26 | **8.38** | **17.1** |
| | 10 | 6/18/2021 | Primary | < 1.01 | < 5.03 | **8.77** | **15.6** |
| LV-14B | 2 | 6/18/2021 | Primary | < 1.03 | < 5.15 | **5.96** | **15.8** |
| LV-15 | 1 | 6/21/2021 | Primary | < 1.04 | < 5.18 | **21.3** | **86.7** |
| | 2.5 | 6/21/2021 | Primary | < 1.03 | < 5.13 | **17.2** | **56.2** |
| | 5 | 6/21/2021 | Primary | < 1.01 | < 5.03 | **34.1** | **43.7** |
| | 7.5 | 6/21/2021 | Primary | < 1.01 | < 5.03 | **42.9** | **51** |
| | 10 | 6/21/2021 | Primary | < 0.99 | < 4.95 | **29.4** | **37.7** |
| LV-16 | 1 | 6/21/2021 | Primary | < 0.971 | < 4.85 | **11.5** | **19.6** |
| | 2.5 | 6/21/2021 | Primary | < 0.971 | < 4.85 | **30.6** | **41.2** |
| | 5 | 6/21/2021 | Primary | < 0.976 | < 4.88 | **24.9** | **31.8** |
| | 7.5 | 6/21/2021 | Primary | < 0.962 | < 4.81 | **15.5** | **20.3** |
| | 10 | 6/21/2021 | Primary | < 0.971 | < 4.85 | **25.5** | **31.2** |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Silver | Thallium | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|
| LV-17 | 1 | 6/21/2021 | Primary | < 1.02 | < 5.1 | **18.2** | **28.4** |
| | 2.5 | 6/21/2021 | Primary | < 0.985 | < 4.93 | **22.7** | **49.8** |
| | 5 | 6/21/2021 | Primary | < 1 | < 5 | **23.7** | **30.9** |
| | 7.5 | 6/21/2021 | Primary | < 0.971 | < 4.85 | **16.1** | **23.2** |
| | 10 | 6/21/2021 | Primary | < 0.976 | < 4.88 | **33.9** | **42.4** |
| LV-18 | 1 | 6/21/2021 | Primary | < 1.04 | < 5.18 | **27.4** | **135** |
| | 2.5 | 6/21/2021 | Primary | < 1 | < 5 | **8.09** | **17.4** |
| | 5 | 6/21/2021 | Primary | < 0.985 | < 4.93 | **27.9** | **46.5** |
| | 7.5 | 6/21/2021 | Primary | < 1.05 | < 5.26 | **42.3** | **56.5** |
| | 10 | 6/21/2021 | Primary | < 1.01 | < 5.03 | **41.9** | **50.8** |
| LV-19 | 1 | 6/21/2021 | Primary | < 0.971 | < 4.85 | **13.2** | **133** |
| | 2.5 | 6/21/2021 | Primary | < 0.976 | < 4.88 | **24.3** | **59.2** |
| | 5 | 6/21/2021 | Primary | < 1 | < 5 | **22.5** | **34.5** |
| | 7.5 | 6/21/2021 | Primary | < 0.962 | < 4.81 | **21** | **27.6** |
| | 10 | 6/21/2021 | Primary | < 1.04 | < 5.21 | **75.3** | **72.9** |
| LV-20 | 0.5 | 6/21/2021 | Primary | < 1.05 | < 5.26 | **10.6** | **153** |
| SB-1 | 2 | 8/22/2020 | Primary | < 0.51 | < 3 | **49** | **74** |
| SB-2 | 2 | 8/22/2020 | Primary | < 0.51 | < 3.1 | **38** | **48** |
| SB-3 | 2 | 8/21/2020 | Primary | < 0.51 | < 3.1 | **53** | **80** |
| SB-4 | 2 | 8/21/2020 | Primary | < 0.51 | < 3 | **50** | **75** |
| SB-5 | 2 | 8/21/2020 | Primary | < 0.49 | < 2.9 | **41** | **54** |
| SB-6 | 2 | 8/22/2020 | Primary | < 0.46 | < 2.8 | **25** | **37** |
| SB-7 | 2 | 8/22/2020 | Primary | < 0.5 | < 3 | **33** | **33** |
| SB-8 | 2 | 8/21/2020 | Primary | < 0.49 | < 2.9 | **37** | **65** |
| SB-9 | 2 | 8/21/2020 | Primary | < 0.5 | < 3 | **49** | **69** |
| SB-10 | 5 | 8/21/2020 | Primary | < 0.46 | < 2.8 | **47** | **60** |
| | 10 | 8/21/2020 | Primary | -- | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | Primary | **0.28 J** | < 2.8 | **37** | **160** |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | Primary | < 0.5 | < 3 | **47** | **65** |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Silver | Thallium | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|
| SB-13 | 2 | 8/21/2020 | Primary | **1.4** | < 3.2 | **28** | **110** |
| SB-14 | 5 | 8/21/2020 | Primary | < 0.47 | < 2.8 | **39** | **52** |
| SB-15 | 2 | 8/22/2020 | Primary | **0.9** | < 3.2 | **24** | **140** |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | Primary | **0.34 J** | < 3.1 | **31** | **1100** |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- |
| SB-17 | 2 | 8/22/2020 | Primary | < 0.49 | < 2.9 | **38** | **58** |
| | 5 | 8/22/2020 | Primary | -- | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | Primary | < 0.5 | < 3 | **19** | **24** |
| SB-19 | 2 | 8/21/2020 | Primary | < 0.47 | **1.6 J** | **12** | **830** |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | Primary | < 0.51 | < 3.1 | **25** | **74** |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- |
| SB-21 | 2 | 8/21/2020 | Primary | < 0.48 | < 2.9 | **36** | **43** |
| SB-22 | 2 | 8/21/2020 | Primary | < 0.47 | < 2.8 | **24** | **45** |
| SB-23 | 2 | 8/21/2020 | Primary | **0.59** | < 2.8 | **26** | **540** |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | Primary | < 0.46 | < 2.8 | **35** | **66** |
| SB-25 | 2 | 8/21/2020 | Primary | < 0.47 | < 2.8 | **37** | **100** |
| SB-26 | 2 | 8/21/2020 | Primary | < 0.5 | < 3 | **54** | **72** |
| | 5 | 8/21/2020 | Primary | -- | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | Primary | **5.1** | < 3.1 | **25** | **77** |
| SB-28 | 2 | 8/21/2020 | Primary | < 0.53 | < 3.2 | **31** | **34** |
| SB-29 | 2 | 8/21/2020 | Primary | **0.2 J** | < 2.6 | **27** | **46** |
| SB-30 | 2 | 8/22/2020 | Primary | < 3.3 | < 3.3 | **20** | **27** |

**TABLE C-4**
**ANALYTICAL DATA INCLUDED IN THE HHRA: METALS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Silver | Thallium | Vanadium | Zinc |
|---|---|---|---|---|---|---|---|
| SB-31 | 2 | 8/22/2020 | Primary | < 0.43 | < 2.6 | **44** | **63** |
| SB-32 | 2 | 8/22/2020 | Primary | < 0.56 | < 3.3 | **34** | **49** |
| SB-33 | 2 | 8/22/2020 | Primary | < 0.45 | < 2.7 | **45** | **68** |

**Notes:**
Results in milligrams per kilogram (mg/kg)
Detected results are presented in bold
-- = results not available or sample not analyzed
< = Analyte was not detected at the given reporting limit
bgs = below ground surface
J = estimated value

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B1 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.917** | **0.38** | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.0667** | **0.0838** | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **2.87** | **0.729** | < 0.05 | -- |
| | 4 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.193** | < 0.05 | -- |
| B2 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.436** | **0.216** | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **1.02** | **1.14** | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| B3 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.0982** | **0.0786** | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.00399** | **0.00214** | < 0.05 | -- |
| | 4 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| B4 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.0725** | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.282** | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| B5 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.906** | **0.129** | < 0.05 | -- |
| | 4 | 11/20/2020 | Primary | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | **2.21** | **0.181** | < 0.05 | -- |
| B-5 | 5 | 1/11/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | -- | -- |
| | 6 | 1/11/2024 | Primary | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | -- | -- |
| | 7 | 1/11/2024 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | -- | -- |
| | 7 | 1/11/2024 | Duplicate | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | -- | -- |
| B6 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | **2.92** | **2.45** | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | **26.2** | **0.368** | < 0.05 | -- |
| | 4 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| B7 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.414** | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B8 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **30.6** | **2.63** | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 0.05 | < 0.05 | < 0.05 | -- |
| B9 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.0757** | < 0.05 | -- |
| B10 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **1.17** | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| B11 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.162** | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| B12 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **5.89** | **0.354** | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| B13 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| B14 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.752** | **0.337** | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| B15 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.116** | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.278** | **0.0964** | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.265** | **0.117** | < 0.05 | -- |
| B16 | 1 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 2 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |
| | 3 | 11/20/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HA-SB-01 | 0.5 | 1/5/2024 | Primary | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | **0.33 J** | < 0.46 | -- | -- |
| | 1 | 1/11/2024 | Primary | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | -- | -- |
| | 2 | 1/11/2024 | Primary | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | -- | -- |
| | 3 | 1/11/2024 | Primary | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | -- | -- |
| HA-SB-02 | 0.5 | 1/5/2024 | Primary | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | **12 J** | -- | -- |
| | 1 | 1/5/2024 | Primary | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | **5.7** | < 0.46 | -- | -- |
| HA-SB-03 | 0.5 | 1/5/2024 | Primary | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | **1.8** | < 0.46 | -- | -- |
| | 1 | 1/11/2024 | Primary | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | -- | -- |
| | 2 | 1/11/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | -- | -- |
| | 3 | 1/11/2024 | Primary | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | -- | -- |
| HA-SB-04 | 0.5 | 1/5/2024 | Primary | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | **1.1** | < 0.41 | -- | -- |
| | 1 | 1/5/2024 | Primary | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | -- | -- |
| HA-SB-05 | 0.5 | 1/4/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | **1.7** | < 0.48 | -- | -- |
| | 1 | 1/11/2024 | Primary | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | -- | -- |
| | 2 | 1/11/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | -- | -- |
| | 3 | 1/11/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | -- | -- |
| | 3 | 1/11/2024 | Duplicate | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | -- | -- |
| HA-SB-06 | 0.5 | 1/4/2024 | Primary | < 0.44 | < 0.44 | < 0.44 | < 0.44 | < 0.44 | < 0.44 | < 0.44 | -- | -- |
| | 1 | 1/4/2024 | Primary | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | -- | -- |
| | 2 | 1/4/2024 | Primary | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | **0.28 J** | -- | -- |
| HA-SB-07 | 0.5 | 1/4/2024 | Primary | < 4.8 | < 4.8 | < 4.8 | **11** | < 4.8 | **54** | < 4.8 | -- | -- |
| | 1 | 1/4/2024 | Primary | < 4.8 | < 4.8 | < 4.8 | **7.8** | < 4.8 | **30** | < 4.8 | -- | -- |
| | 2 | 1/4/2024 | Primary | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | **0.66** | < 0.41 | -- | -- |
| HA-SB-08 | 1 | 1/11/2024 | Primary | < 0.84 | < 0.84 | < 0.84 | < 0.84 | < 0.84 | **2.9 J** | < 0.84 | -- | -- |
| | 1 | 1/11/2024 | Duplicate | < 2.4 | < 2.4 | < 2.4 | < 2.4 | < 2.4 | **7.8 J** | < 2.4 | -- | -- |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HA-SB-09 | 0.5 | 1/11/2024 | Primary | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | -- | -- |
| | 1 | 1/11/2024 | Primary | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | -- | -- |
| | 1 | 1/11/2024 | Duplicate | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | -- | -- |
| | 2 | 1/11/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | -- | -- |
| | 3 | 1/11/2024 | Primary | < 0.64 | < 0.64 | < 0.64 | < 0.64 | < 0.64 | < 0.64 | < 0.64 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.72 | < 0.72 | < 0.72 | < 0.72 | < 0.72 | **0.97 J+** | < 0.72 | -- | -- |
| HA-SB-10 | 0.5 | 1/4/2024 | Primary | < 4.5 | < 4.5 | < 4.5 | < 4.5 | < 4.5 | **6.1 J** | < 4.5 | -- | -- |
| | 1 | 1/11/2024 | Primary | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | < 0.52 | -- | -- |
| | 2 | 1/11/2024 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | -- | -- |
| | 2 | 1/11/2024 | Duplicate | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | -- | -- |
| | 3 | 1/11/2024 | Primary | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | < 0.58 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | -- | -- |
| | 4 | 1/11/2024 | Duplicate | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | -- | -- |
| HA-SB-11 | 0.5 | 1/4/2024 | Primary | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | -- | -- |
| | 1 | 1/5/2024 | Primary | < 0.37 | < 0.37 | < 0.37 | < 0.37 | < 0.37 | < 0.37 | < 0.37 | -- | -- |
| | 2 | 1/5/2024 | Primary | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | -- | -- |
| | 3 | 1/5/2024 | Primary | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | -- | -- |
| | 4 | 1/5/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | -- | -- |
| HA-SB-12 | 1 | 1/4/2024 | Primary | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | -- | -- |
| | 2 | 1/4/2024 | Primary | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | -- | -- |
| | 3 | 1/4/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | -- | -- |
| HA-SB-13 | 0.5 | 1/4/2024 | Primary | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | -- | -- |
| | 1 | 1/4/2024 | Primary | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | < 0.46 | -- | -- |
| | 2 | 1/5/2024 | Duplicate | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | < 0.38 | -- | -- |
| | 2 | 1/4/2024 | Primary | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | -- | -- |
| | 3 | 1/5/2024 | Primary | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | -- | -- |
| | 4 | 1/5/2024 | Primary | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | -- | -- |
| | 5 | 1/5/2024 | Primary | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | -- | -- |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HA-SB-14 | 0.5 | 1/4/2024 | Primary | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | -- | -- |
| | 1 | 1/4/2024 | Primary | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | -- | -- |
| HA-SB-15 | 0.5 | 1/4/2024 | Primary | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | < 0.49 | -- | -- |
| | 1 | 1/4/2024 | Primary | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | **1.7** | < 0.45 | -- | -- |
| LP-1 | 0 | 6/27/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | **0.17** | **0.68** | **0.46** | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | -- | -- |
| LP-2 | 0 | 6/27/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | -- | -- |
| LP-3 | 0 | 6/26/2023 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | -- | -- |
| LP-4 | 0 | 6/26/2023 | Primary | < 0.12 | < 0.12 | < 0.12 | < 0.12 | < 0.12 | < 0.12 | < 0.12 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | -- | -- |
| LP-5 | 0 | 6/27/2023 | Primary | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | **2.6** | **1.7** | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | **0.088** | < 0.056 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.062 | < 0.062 | < 0.062 | < 0.062 | < 0.062 | < 0.062 | < 0.062 | -- | -- |
| LP-6 | 0 | 6/27/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | **47** | < 0.056 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | -- | -- |
| LP-7 | 0 | 6/26/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | **0.23** | **0.17** | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | -- | -- |
| LP-8 | 0 | 6/26/2023 | Primary | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | **0.38** | **0.31** | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | -- | -- |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LP-9 | 0 | 6/27/2023 | Primary | < 2.7 | < 2.7 | < 2.7 | < 2.7 | **3.7** | **8.3** | **11** | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | **0.17** | < 0.055 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | -- | -- |
| LP-10 | 0 | 6/27/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | -- | -- |
| LP-11 | 0 | 6/26/2023 | Primary | < 1.1 | < 1.1 | < 1.1 | < 1.1 | < 1.1 | **6.6** | < 1.1 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.048 | < 0.048 | < 0.048 | < 0.048 | < 0.048 | < 0.048 | < 0.048 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | -- | -- |
| LP-12 | 0 | 6/26/2023 | Primary | < 6.5 | < 6.5 | < 6.5 | < 6.5 | **13** | **25** | < 6.5 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 5.7 | < 5.7 | < 5.7 | < 5.7 | **7.2** | **28** | < 5.7 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| LP-13 | 0 | 6/27/2023 | Primary | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | **23** | < 0.055 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | -- | -- |
| LP-14 | 0 | 6/27/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | -- | -- |
| LP-15 | 0 | 6/26/2023 | Primary | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | **1** | **0.75** | -- | -- |
| | 1 | 6/26/2023 | Primary | < 5.6 | < 5.6 | < 5.6 | < 5.6 | **30** | **35** | **51** | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | -- | -- |
| LP-16 | 0 | 6/26/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | **0.067** | **0.074** | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | -- | -- |
| LP-17 | 0 | 6/27/2023 | Primary | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.067 | < 0.067 | < 0.067 | < 0.067 | < 0.067 | < 0.067 | < 0.067 | -- | -- |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LP-18 | 0 | 6/27/2023 | Primary | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 7.8 | < 7.8 | < 7.8 | < 7.8 | **26** | **24** | < 7.8 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | -- | -- |
| LP-19 | 0 | 6/26/2023 | Primary | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 1.1 | < 1.1 | < 1.1 | < 1.1 | **4.6** | **7.2** | **3.9** | -- | -- |
| LP-20 | 0 | 6/26/2023 | Primary | < 1.2 | < 1.2 | < 1.2 | < 1.2 | **10** | **12** | **5.6** | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | -- | -- |
| LP-21 | 0 | 6/27/2023 | Primary | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | -- | -- |
| LP-22 | 0 | 6/27/2023 | Primary | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | < 0.06 | -- | -- |
| LP-23 | 0 | 6/26/2023 | Primary | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | **1.6** | < 0.051 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 5.7 | < 5.7 | < 5.7 | < 5.7 | < 5.7 | < 5.7 | < 5.7 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.06 | < 0.06 | < 0.06 | < 0.06 | **0.15** | **0.41** | **0.39** | -- | -- |
| LP-24 | 0 | 6/26/2023 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.062 | < 0.062 | < 0.062 | < 0.062 | < 0.062 | < 0.062 | < 0.062 | -- | -- |
| LP-25 | 0 | 6/27/2023 | Primary | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | -- | -- |
| LP-26 | 0 | 6/27/2023 | Primary | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | -- | -- |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LP-27 | 0 | 6/26/2023 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.096** | < 0.05 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | **0.071** | < 0.052 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | -- | -- |
| LP-28 | 0 | 6/26/2023 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | **0.25** | **0.21** | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | -- | -- |
| LP-29 | 0 | 6/27/2023 | Primary | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | **0.24** | **0.081** | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | -- | -- |
| LP-30 | 0 | 6/27/2023 | Primary | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | -- | -- |
| LP-31 | 0 | 6/27/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.066 | < 0.066 | < 0.066 | < 0.066 | < 0.066 | < 0.066 | < 0.066 | -- | -- |
| LP-32 | 0 | 6/27/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.063 | < 0.063 | < 0.063 | < 0.063 | < 0.063 | < 0.063 | < 0.063 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.067 | < 0.067 | < 0.067 | < 0.067 | < 0.067 | < 0.067 | < 0.067 | -- | -- |
| LP-33 | 0 | 6/27/2023 | Primary | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | < 0.061 | -- | -- |
| LP-34 | 0 | 6/27/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | -- | -- |
| | 1 | 6/27/2023 | Primary | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | -- | -- |
| | 2.5 | 6/27/2023 | Primary | < 0.065 | < 0.065 | < 0.065 | < 0.065 | < 0.065 | < 0.065 | < 0.065 | -- | -- |
| LP-35 | 0 | 6/26/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 5.1 | < 5.1 | < 5.1 | < 5.1 | **25** | **19** | **20** | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LP-36 | 0 | 6/26/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | < 0.054 | **3.2** | **3.5** | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.051 | < 0.051 | < 0.051 | < 0.051 | **0.22** | **0.65** | < 0.25 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | -- | -- |
| LP-37 | 0 | 6/26/2023 | Primary | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | < 0.055 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | < 0.052 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | -- | -- |
| LP-38 | 0 | 6/26/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | **3.2** | **8.5** | < 1.1 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| LP-39 | 0 | 6/26/2023 | Primary | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | < 0.056 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | < 0.058 | -- | -- |
| LP-40 | 0 | 6/26/2023 | Primary | < 0.053 | < 0.053 | < 0.053 | < 0.053 | **0.31** | **1.6** | < 0.053 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | -- | -- |
| LP-41 | 0 | 6/26/2023 | Primary | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | < 0.11 | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.054 | < 0.054 | < 0.054 | < 0.054 | **0.34** | **1.1** | **0.4** | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | < 0.057 | -- | -- |
| LP-42 | 0 | 6/26/2023 | Primary | < 0.1 | < 0.1 | < 0.1 | < 0.1 | **6.5** | **20** | **8.9** | -- | -- |
| | 1 | 6/26/2023 | Primary | < 0.053 | < 0.053 | < 0.053 | < 0.053 | < 0.053 | **0.45** | **0.23** | -- | -- |
| | 2.5 | 6/26/2023 | Primary | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | < 0.059 | -- | -- |
| LDB-1 | 0.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 2.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 7.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 10 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LDB-2/3 | 0.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 2.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 7.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 10 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| LDB-4 | 0.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 2.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 7.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 10 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| LDB-5 | 0.5 | 2/16/2023 | Primary | < 3.9 | < 3.9 | < 3.9 | < 3.9 | **36** | **64** | < 2.5 | < 2.5 | < 2.5 |
| | 2.5 | 2/16/2023 | Primary | < 1.9 | < 1.9 | < 1.9 | < 1.9 | **5.7** | **11** | < 1.3 | < 1.3 | < 1.3 |
| | 5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 7.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | **0.051** | < 0.025 | < 0.025 | < 0.025 |
| | 10 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| LDB-6 | 0.5 | 2/16/2023 | Primary | < 0.39 | < 0.39 | < 0.39 | < 0.39 | < 0.39 | **1.8** | < 0.25 | < 0.25 | < 0.25 |
| | 2.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 7.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 10 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| LDB-7 | 0.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | **0.21** | **0.083** | < 0.025 | < 0.025 |
| | 2.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 7.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 10 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LDB-8 | 0.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 2.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 7.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 10 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| LDB-9 | 0.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | **0.66** | **0.73** | < 0.025 | < 0.025 |
| | 2.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 7.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 10 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| LDB-10 | 0.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 2.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 7.5 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| | 10 | 2/16/2023 | Primary | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.039 | < 0.025 | < 0.025 | < 0.025 | < 0.025 |
| LV-1 | 1 | 6/23/2021 | Primary | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 | < 0.051 |
| | 5 | 6/23/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/23/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-2 | 1 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-3 | 1 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-4 | 1 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.069** | **0.21** | **0.089** | < 0.05 | < 0.05 |
| | 5 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-5 | 1 | 6/23/2021 | Primary | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 |
| | 5 | 6/23/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/23/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-6 | 1 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/22/2021 | Primary | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 |
| | 10 | 6/22/2021 | Primary | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 |
| LV-7 | 1 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.073** | < 0.05 | < 0.05 |
| | 5 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-8 | 1 | 6/18/2021 | Primary | < 2.5 | < 2.5 | < 2.5 | < 2.5 | **13** | **15** | **4** | < 2.5 | < 2.5 |
| | 3 | 6/18/2021 | Primary | < 2.5 | < 2.5 | < 2.5 | < 2.5 | **1.3** | **1.6** | < 2.5 | < 2.5 | < 2.5 |
| | 4 | 1/11/2024 | Duplicate | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | -- | -- |
| | 5 | 6/18/2021 | Primary | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 |
| | 10 | 6/18/2021 | Primary | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 | < 2.5 |
| LV-9 | 1 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.25** | **0.72** | < 0.05 | < 0.05 | < 0.05 |
| | 1 | 1/4/2024 | Primary | < 0.47 | < 0.47 | < 0.47 | < 0.47 | < 0.47 | **0.24 J** | < 0.47 | -- | -- |
| | 2 | 1/4/2024 | Primary | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | -- | -- |
| | 5 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/22/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-10 | 1 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **1.4** | **0.37** | < 0.05 | < 0.05 |
| | 2 | 1/11/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | -- | -- |
| | 3 | 1/11/2024 | Primary | < 0.57 | < 0.57 | < 0.57 | < 0.57 | < 0.57 | < 0.57 | < 0.57 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | -- | -- |
| | 5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-11 | 1 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 2.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 7.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-12 | 1 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 2.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 7.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-13 | 1 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 2.5 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 7.5 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-14A | 1 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 2.5 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 7.5 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-14B | 2 | 6/18/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-15 | 1 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.34** | **0.11** | < 0.05 | < 0.05 |
| | 2.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 7.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-16 | 1 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 2.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 7.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-17 | 1 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 2.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.58** | **0.26** |
| | 5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 7.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-18 | 1 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 2.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 7.5 | 6/21/2021 | Primary | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 |
| | 10 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-19 | 1 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.11** | **0.1** | < 0.05 | < 0.05 |
| | 2.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 5 | 6/21/2021 | Primary | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 |
| | 7.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| LV-20 | 0.5 | 6/21/2021 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| SB-1 | 2 | 8/22/2020 | Primary | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 |
| SB-4 | 2 | 8/21/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| SB-10 | 5 | 8/21/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| SB-11 | 2 | 8/21/2020 | Primary | < 0.25 | < 0.25 | < 0.25 | < 0.25 | < 0.25 | **1.9** | < 0.025 | < 0.25 | < 0.25 |
| | 3 | 1/11/2024 | Primary | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | < 0.45 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | -- | -- |
| | 5 | 8/21/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 8/21/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |

**TABLE C-5**
**ANALYTICAL DATA INCLUDED IN THE HHRA:**
**POLYCHLORINATED BIPHENYLS IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Depth (feet bgs) | Sample Date | Sample Type | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-12 | 2 | 8/21/2020 | Primary | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 | < 0.049 |
| SB-13 | 1 | 1/15/2024 | Primary | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | < 0.54 | -- | -- |
| | 2 | 8/21/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.79** | < 0.05 | < 0.05 | < 0.05 |
| | 2 | 1/15/2024 | Primary | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | < 0.48 | -- | -- |
| | 3 | 1/15/2024 | Primary | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | < 0.42 | -- | -- |
| SB-14 | 2 | 8/21/2020 | Primary | < 1.2 | < 1.2 | < 1.2 | < 1.2 | < 1.2 | **22** | < 1.2 | < 1.2 | < 1.2 |
| | 3 | 1/11/2024 | Primary | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | -- | -- |
| | 3 | 1/11/2024 | Duplicate | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | < 0.43 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.62 | < 0.62 | < 0.62 | < 0.62 | < 0.62 | < 0.62 | < 0.62 | -- | -- |
| | 5 | 8/21/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| | 10 | 8/21/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| SB-15 | 2 | 8/22/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | **0.29** | < 0.05 | < 0.05 | < 0.05 |
| SB-16 | 2 | 8/21/2020 | Primary | < 1 | < 1 | < 1 | < 1 | < 1 | **22** | < 1 | < 1 | < 1 |
| | 3 | 1/11/2024 | Primary | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | < 0.55 | -- | -- |
| | 4 | 1/11/2024 | Primary | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | < 0.41 | -- | -- |
| | 5 | 8/21/2020 | Primary | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| SB-17 | 2 | 8/22/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| SB-20 | 2 | 8/21/2020 | Primary | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| SB-27 | 2 | 8/21/2020 | Primary | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 | < 0.51 |
| SB-30 | 2 | 8/22/2020 | Primary | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |

**Notes:**
Results in milligrams per kilogram (mg/kg)
Detected results are presented in bold
-- = results not available or sample not analyzed
< = Analyte was not detected at the given reporting limit
bgs = below ground surface
J = estimated value
J+ = estimated value, high biased

**TABLE C-6**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Date | Sample Depth (feet bgs) | Sample Type | 1,1,1,2-Tetrachloroethane | 1,1,1-Trichloroethane | 1,1,2,2-Tetrachloroethane | 1,1,2-Trichloroethane | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,1-Dichloropropene | 1,1-Difluoroethane | 1,2,3-Trichlorobenzene | 1,2,3-Trichloropropane | 1,2,4-Trichlorobenzene | 1,2,4-Trimethylbenzene | 1,2-Dibromo-3-Chloropropane (DBCP) | 1,2-Dibromoethane (EDB) | 1,2-Dichlorobenzene | 1,2-Dichloroethane | 1,2-Dichloropropane | 1,3,5-Trimethylbenzene | 1,3-Dichlorobenzene | 1,3-Dichloropropane | 1,4-Dichlorobenzene | 1,4-Dioxane | 2,2-Dichloropropane | 2-Butanone (MEK) | 2-Chlorotoluene | 2-Hexanone | 2-Propanol | 4-Chlorotoluene | 4-Ethyltoluene | 4-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Acetone | Benzene | Bromobenzene | Bromodichloromethane | Bromoform | Bromomethane | Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chlorobromomethane |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-1 | 3/28/2023 | 30 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/28/2023 | 40 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-2 | 3/28/2023 | 30 | Primary | <25 | <25 | <25 | <25 | **40** | **60** | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/28/2023 | 40 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-3 | 3/28/2023 | 30 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/28/2023 | 40 | Primary | <25 | <25 | <25 | <25 | **100** | **230** | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-4 | 9/25/2020 | 5 | Primary | - | <5 | - | - | <5 | **6300** | **35** | - | - | - | - | - | **5200** | - | - | - | - | <10 | - | - | - | - | - | - | - | - | - | - | - | - | **240** | - | - | **1800** | - | <5 | - | - | - | **63** | - | - | - |
| | 9/25/2020 | 15 | Primary | - | <5 | - | - | **13** | **2000** | **17** | - | - | - | - | - | **310** | - | - | - | - | <10 | - | - | - | - | - | - | - | - | - | - | - | - | **16** | - | - | **30** | - | **39** | - | - | - | <5 | - | - | - |
| | 9/25/2020 | 30 | Primary | - | <5 | - | - | **18** | **2000** | **49** | - | - | - | - | - | **120** | - | - | - | - | <10 | - | - | - | - | - | - | - | - | - | - | - | - | **7.6** | - | - | **7.8** | - | <5 | - | - | - | <5 | - | - | - |
| | 9/25/2020 | 40 | Primary | - | <5 | - | - | **13** | **1600** | **53** | - | - | - | - | - | **170** | - | - | - | - | <10 | - | - | - | - | - | - | - | - | - | - | - | - | **14** | - | - | **7** | - | <5 | - | - | - | **45** | - | - | - |
| | 3/28/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | **2700** | **50** | <25 | - | <25 | <25 | <25 | **250** | <25 | <25 | <25 | **140** | <25 | **120** | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | **760** | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/28/2023 | 5 | Duplicate | <100 | <100 | <100 | <100 | <100 | **2300** | <100 | <100 | - | <100 | <100 | <100 | **120** | <100 | <100 | <100 | **120** | <100 | <100 | <100 | <100 | <100 | - | <100 | <1000 | <100 | <1000 | - | <100 | - | <100 | <1000 | <1000 | **680** | <100 | <100 | <100 | <100 | <100 | <1000 | <50 | <100 | <100 |
| | 3/28/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | **130** | <25 | <25 | - | <25 | <25 | <25 | **80** | <25 | <25 | <25 | <25 | <25 | **30** | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | **50** | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/28/2023 | 30 | Primary | <50 | <50 | <50 | <50 | <50 | **660** | <50 | <50 | - | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | - | <50 | <500 | <50 | <500 | - | <50 | - | <50 | <500 | <500 | <50 | <50 | <50 | <50 | <50 | <500 | <25 | <50 | <50 |
| | 3/28/2023 | 40 | Primary | <50 | <50 | <50 | <50 | <50 | **1100** | <50 | <50 | - | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | - | <50 | <500 | <50 | <500 | - | <50 | - | <50 | <500 | <500 | **470** | <50 | <50 | <50 | <50 | <500 | <25 | <50 | <50 |
| | 4/10/2023 | 40 | Primary | <25 | <25 | <25 | <25 | <25 | **660** | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 4/13/2023 | 40 | Primary | <25 | <25 | <25 | <25 | **7.7** | **830** | **48** | <25 | <2 | <25 | <25 | <7.5 | **6.6** | <25 | <25 | <25 | **16** | **1.8** | **1.5** | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | **10** | <25 | **1.4** | <25 | <250 | <250 | **2.8** | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-5 | 3/28/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-6 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-7 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-8 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-9 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/20/2023 | 15 | Primary | <25 | **50** | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-10 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-11 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/20/2023 | 15 | Duplicate | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-12 | 3/28/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/28/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-13 | 3/28/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | **60** | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | **60** | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-14 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| HP-15 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| LV-1 | 6/29/2021 | 20 | Primary | - | <40 | - | - | <40 | <40 | <40 | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | <10 | - | <40 | - | - | - | - | - | - | - |
| | 6/29/2021 | 35 | Primary | - | <40 | - | - | <40 | <40 | <40 | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | <10 | - | <40 | - | - | - | - | - | - | - |
| LV-2 | 6/29/2021 | 20 | Primary | - | <40 | - | - | <40 | **40** | <40 | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | <10 | - | <40 | - | - | - | - | - | - | - |
| | 6/29/2021 | 35 | Primary | - | <40 | - | - | **68** | **60** | <40 | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | <10 | - | <40 | - | - | - | - | - | - | - |
| LV-3 | 3/28/2023 | 10 | Primary | <25 | <25 | <25 | <25 | **180** | **420** | <25 | <25 | - | <25 | <25 | <25 | **60** | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| LV-4 | 6/28/2021 | 5 | Primary | - | <40 | - | - | <40 | **1400** | <40 | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | **67** | - | <40 | - | - | - | - | - | - | - |
| | 6/28/2021 | 14 | Primary | - | <40 | - | - | <40 | **1800** | **110** | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | **42** | - | <40 | - | - | - | - | - | - | - |
| | 6/28/2021 | 35 | Primary | - | <40 | - | - | <40 | **3000** | **310** | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | **14** | - | <40 | - | - | - | - | - | - | - |
| LV-5 | 3/28/2023 | 20 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | <25 | <250 | <25 | <250 | - | <25 | - | <25 | <250 | <250 | <25 | <25 | <25 | <25 | <25 | <250 | <13 | <25 | <25 |
| LV-8 | 6/28/2021 | 5 | Primary | - | <40 | - | - | <40 | **2100** | **78** | - | - | - | - | - | **51** | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | **82** | - | <40 | - | - | - | - | - | - | - |
| | 6/28/2021 | 15 | Primary | - | <40 | - | - | <40 | **6500** | **500** | - | - | - | - | - | <40 | - | - | - | **160** | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | **46** | - | <40 | - | - | - | - | - | - | - |
| | 6/28/2021 | 35 | Primary | - | <40 | - | - | <40 | **5300** | **470** | - | - | - | - | - | <40 | - | - | - | **77** | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | <10 | - | <40 | - | - | - | - | - | - | - |
| LV-10 | 6/28/2021 | 6 | Primary | - | **66** | - | - | <40 | <40 | <40 | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | <10 | - | <40 | - | - | - | - | - | - | - |
| | 6/28/2021 | 15 | Primary | - | <40 | - | - | <40 | **170** | <40 | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | <10 | - | <40 | - | - | - | - | - | - | - |
| | 6/28/2021 | 35 | Primary | - | <40 | - | - | <40 | **1400** | <40 | - | - | - | - | - | <40 | - | - | - | - | <40 | - | - | - | - | - | - | - | - | - | - | - | - | <40 | - | - | <10 | - | <40 | - | - | - | - | - | - | - |
| SB-2 | 8/22/2020 | 5 | Primary | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **16** | - | - | - | - | - | - | - | **62** | **4.7** | - | - | - | - | - | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **190** | - | - | - | - | - | **720** | **22** | - | - | - | - | - | - | - | - |
| SB-5 | 8/21/2020 | 5 | Primary | - | - | - | - | **65** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **140** | - | - | - | - | - | - | - | - | - | - |
| | 8/21/2020 | 15 | Primary | - | - | - | - | **110** | **51** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **56** | - | - | - | - | - | - | - | - | - | - |

**TABLE C-6**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Date | Sample Depth (feet bgs) | Sample Type | 1,1,1,2-Tetrachloroethane | 1,1,1-Trichloroethane | 1,1,2,2-Tetrachloroethane | 1,1,2-Trichloroethane | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,1-Dichloropropene | 1,1-Difluoroethane | 1,2,3-Trichlorobenzene | 1,2,3-Trichloropropane | 1,2,4-Trichlorobenzene | 1,2,4-Trimethylbenzene | 1,2-Dibromo-3-Chloropropane (DBCP) | 1,2-Dibromoethane (EDB) | 1,2-Dichlorobenzene | 1,2-Dichloroethane | 1,2-Dichloropropane | 1,3,5-Trimethylbenzene | 1,3-Dichlorobenzene | 1,3-Dichloropropane | 1,4-Dichlorobenzene | 1,4-Dioxane | 2,2-Dichloropropane | 2-Butanone (MEK) | 2-Chlorotoluene | 2-Hexanone | 2-Propanol | 4-Chlorotoluene | 4-Ethyltoluene | 4-Isopropyltoluene | 4-Methyl-2-pentanone (MIBK) | Acetone | Benzene | Bromobenzene | Bromodichloromethane | Bromoform | Bromomethane | Butylbenzene | Carbon Disulfide | Carbon Tetrachloride | Chlorobenzene | Chlorobromomethane |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-8 | 8/22/2020 | 5 | Primary | - | - | - | - | - | 130 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 92 | 16 | - | - | - | - | - | 36 | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | 84 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 180 | - | - | - | - | - | - | - | - | - | - |
| SB-9 | 8/21/2020 | 5 | Primary | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 320 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8/21/2020 | 15 | Primary | - | - | - | - | - | 77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 42 | 1.7 | - | - | - | - | - | - | - | - | - |
| SB-10 | 8/22/2020 | 5 | Primary | - | - | - | - | 4.9 | 250 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 32 | - | - | - | - | - | - | 99 | 100 | - | - | - | - | - | - | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | 25 | 1400 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 58 | - | - | - | - | 350 | - | - | - | 1700 | 29 | - | - | - | - | - | - | - | - | - |
| SB-13 | 8/22/2020 | 5 | Primary | - | - | - | - | - | 210 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 640 | - | - | - | - | - | - | - | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | - | 360 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 760 | - | - | - | - | - | - | - | - | - | - |
| SB-14 | 8/22/2020 | 5 | Primary | - | - | - | - | 64 | 490 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 65 | 95 | - | - | - | - | - | 37 | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | 19 | 1400 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 33 | - | - | - | - | - | - | 120 | 6.7 | - | - | - | - | - | - | - | - | - |
| SB-15 | 8/22/2020 | 5 | Primary | - | - | - | - | - | 150 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 750 | - | - | - | - | - | - | - | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | 13 | 7.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 71 | - | - | - | - | - | - | - | - | - | - |
| SB-16 | 8/22/2020 | 5 | Primary | - | - | - | - | - | 1700 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 260 | 170 | - | - | - | - | - | - | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | - | 3600 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 700 | 54 | - | - | - | - | - | - | - | - | - |
| SB-17 | 8/22/2020 | 5 | Primary | - | - | - | - | - | 5100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 510 | - | - | 310 | - | - | - | 3600 | 190 | - | - | - | - | - | 700 | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | 63 | 2000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 45 | - | 49 | - | - | - | - | - | - | 300 | 24 | - | - | - | - | - | - | - | - | - |
| SB-18 | 8/22/2020 | 5 | Primary | - | - | - | - | 3300 | 1300 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 280 | - | - | - | 1200 | - | - | - | - | - | - | 130 | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | 3600 | 4300 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 830 | 57 | - | - | - | - | - | - | - | - | - |
| SB-20 | 8/21/2020 | 5 | Primary | - | - | - | - | - | 1300 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1200 | 120 | - | - | - | - | - | - | - | - | - |
| | 8/21/2020 | 15 | Primary | - | - | - | - | - | 2500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 480 | - | - | - | - | - | - | - | - | 990 | - | - | - | - | - | - | - | - | - | - |
| SB-21 | 8/22/2020 | 5 | Primary | - | - | - | - | - | 10000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4800 | 3700 | - | - | - | - | - | - | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | 110 | 2500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1500 | - | - | - | - | - | - | - | - | 15000 | 210 | - | - | - | - | - | - | - | - | - |
| SB-22 | 8/22/2020 | 5 | Primary | - | - | - | - | - | 540 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3600 | - | - | - | - | - | - | - | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | - | 1800 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 79 | - | - | - | - | - | - | - | - | - | - |
| SB-23 | 8/22/2020 | 5 | Primary | - | - | - | - | 15 | 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 51 | 48 | - | - | - | - | - | - | - | - | - |
| | 8/22/2020 | 15 | Primary | - | - | - | - | 16 | 1100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 31 | - | - | - | - | - | - | - | - | - | - |
| SB-24 | 8/21/2020 | 5 | Primary | - | - | - | - | 36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 120 | 19 | - | - | - | - | - | - | - | - | - |
| | 8/21/2020 | 15 | Primary | - | - | - | - | 52 | 89 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 64 | - | - | - | - | - | - | - | - | - | - |
| SB-25 | 8/21/2020 | 5 | Primary | - | - | - | - | 35 | 1.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 46 | 4.9 | - | - | - | - | - | 3.5 | - | - | - |
| | 8/21/2020 | 15 | Primary | - | - | - | - | 160 | 21 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 41 | 2.5 | - | - | - | - | - | - | - | - | - |

**TABLE C-6**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Date | Sample Depth (feet bgs) | Sample Type | Chloroethane | Chloroform | Chloromethane | cis-1,2-Dichloroethene | cis-1,3-Dichloropropene | Dibromochloromethane | Dibromomethane | Dichlorodifluoromethane (Freon 12) | Ethanol | Ethyl tert-Butyl Ether (ETBE) | Ethylbenzene | Hexachlorobutadiene | Isopropyl ether | Isopropylbenzene (Cumene) | m,p-Xylenes | Methyl tert-butyl ether (MTBE) | Methylene Chloride | Naphthalene | o-Xylene | Propylbenzene | sec-Butylbenzene | Styrene | Tert-Amyl Methyl Ether (TAME) | tert-Butyl Alcohol (TBA) | tert-Butylbenzene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene | trans-1,3-Dichloropropene | Trichloroethene | Trichlorofluoromethane (Freon 11) | Vinyl Chloride | Xylenes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-1 | 3/28/2023 | 30 | Primary | <25 | <25 | <25 | **50** | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **900** | <25 | <25 | <25 | **230** | <25 | <13 | <50 |
| | 3/28/2023 | 40 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| HP-2 | 3/28/2023 | 30 | Primary | <25 | <25 | <25 | **200** | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **6500** | <25 | **30** | <25 | **1300** | <25 | <13 | <50 |
| | 3/28/2023 | 40 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **530** | <25 | <25 | <25 | **90** | <25 | <13 | <50 |
| HP-3 | 3/28/2023 | 30 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| | 3/28/2023 | 40 | Primary | <25 | <25 | <25 | **40** | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **4800** | <25 | **30** | <25 | **1300** | <25 | <13 | <50 |
| HP-4 | 9/25/2020 | 5 | Primary | - | **33** | - | **5600** | - | - | - | - | - | - | **15000** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **5900** | **37000** | **230** | - | **2200** | - | **17000** | **63000** |
| | 9/25/2020 | 15 | Primary | - | **14** | - | **320** | - | - | - | - | - | - | **440** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **220** | **2800** | **19** | - | **84** | - | **740** | **2960** |
| | 9/25/2020 | 30 | Primary | - | **13** | - | **2100** | - | - | - | - | - | - | **180** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **93** | **1400** | **34** | - | **160** | - | **610** | **1170** |
| | 9/25/2020 | 40 | Primary | - | <5 | - | **2700** | - | - | - | - | - | - | **350** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **190** | **3100** | **50** | - | **170** | - | **670** | **2400** |
| | 3/28/2023 | 5 | Primary | <25 | <25 | <25 | **5900** | <25 | <25 | <25 | <25 | - | - | **4100** | <25 | - | **150** | **12000** | <25 | <30 | <13 | **3800** | **120** | <25 | <25 | - | - | <25 | **850** | **45000** | **110** | <25 | **380** | <25 | **6900** | **15800** |
| | 3/28/2023 | 5 | Duplicate | <100 | <100 | <100 | **4300** | <100 | <100 | <100 | <100 | - | - | **2900** | <100 | - | <100 | **9700** | <100 | <100 | <50 | **2600** | <100 | <100 | <100 | - | - | <100 | **460** | **47000** | **100** | <100 | **380** | <100 | **6200** | **12300** |
| | 3/28/2023 | 15 | Primary | <25 | <25 | <25 | **310** | <25 | <25 | <25 | <25 | - | - | **610** | <25 | - | <25 | **2500** | <25 | <30 | <13 | **880** | <25 | <25 | <25 | - | - | <25 | **50** | **5400** | <25 | <25 | **30** | <25 | **150** | **3380** |
| | 3/28/2023 | 30 | Primary | <50 | <50 | <50 | **600** | <50 | <50 | <50 | <50 | - | - | **160** | <50 | - | <50 | **620** | <50 | <50 | <25 | **220** | <50 | <50 | <50 | - | - | <50 | **160** | **6000** | <50 | <50 | **220** | <50 | **330** | **840** |
| | 3/28/2023 | 40 | Primary | <50 | <50 | <50 | **1500** | <50 | <50 | <50 | <50 | - | - | **1400** | <50 | - | <50 | **4700** | <50 | <50 | <25 | **1200** | <50 | <50 | <50 | - | - | <50 | **300** | **29000** | **50** | <50 | **230** | <50 | **11000** | **5900** |
| | 4/10/2023 | 40 | Primary | <25 | <25 | <25 | **1000** | <25 | <25 | <25 | <25 | - | - | **30** | <25 | - | <25 | **130** | **100** | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **40** | **490** | <25 | <25 | **140** | <25 | <13 | **130** |
| | 4/13/2023 | 40 | Primary | <25 | <25 | <25 | **2000** | <25 | <25 | <25 | **4.2** | **23** | <2.5 | **8.2** | <25 | **3.7** | <25 | **45** | **150** | <30 | <5.6 | **27** | <25 | <25 | <25 | <2.4 | **4.2** | <25 | **50** | **60** | **58** | <25 | **250** | <25 | **94** | **72** |
| HP-5 | 3/28/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | **50** | <25 | - | <25 | **170** | <25 | <30 | <13 | **70** | <25 | <25 | <25 | - | - | <25 | **60** | **270** | <25 | <25 | **40** | <25 | <13 | **240** |
| HP-6 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **240** | <25 | <25 | <25 | **310** | <25 | <13 | <50 |
| HP-7 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| HP-8 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **30** | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **410** | <25 | <25 | <25 | **140** | <25 | <13 | <50 |
| HP-9 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **13000** | <25 | <25 | <25 | **350** | <25 | <13 | <50 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | **70** | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **56000** | <25 | **50** | <25 | **2000** | <25 | <13 | <50 |
| HP-10 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **570** | <25 | <25 | <25 | **50** | <25 | <13 | <50 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **1400** | <25 | <25 | <25 | **160** | <25 | <13 | <50 |
| HP-11 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **80** | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **150** | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| | 3/20/2023 | 15 | Duplicate | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **150** | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| HP-12 | 3/28/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | **90** | <25 | - | <25 | **330** | <25 | <30 | <13 | **100** | <25 | <25 | <25 | - | - | <25 | **210** | **960** | <25 | <25 | <25 | <25 | <25 | <13 | **430** |
| | 3/28/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **150** | **150** | <25 | <25 | <25 | <25 | <13 | <50 |
| HP-13 | 3/28/2023 | 5 | Primary | <25 | <25 | <25 | **60** | <25 | <25 | <25 | <25 | - | - | **180** | <25 | - | <25 | **290** | <25 | <30 | <13 | **100** | <25 | <25 | <25 | - | - | <25 | **110** | **130** | <25 | <25 | **110** | <25 | **110** | **390** |
| HP-14 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **170** | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **810** | <25 | <25 | <25 | **80** | <25 | <13 | <50 |
| HP-15 | 3/20/2023 | 5 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <13 | <50 |
| | 3/20/2023 | 15 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | **100** | <25 | <25 | <25 | <25 | <13 | <50 |
| LV-1 | 6/29/2021 | 20 | Primary | - | <10 | - | <40 | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | **120** | <80 | - | - | **430** | <40 | <10 | <80 |
| | 6/29/2021 | 35 | Primary | - | <10 | - | <40 | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | **32** | <80 | - | - | **390** | <40 | <10 | <80 |
| LV-2 | 6/29/2021 | 20 | Primary | - | <10 | - | <40 | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | **140** | <80 | - | - | **350** | <40 | <10 | <80 |
| | 6/29/2021 | 35 | Primary | - | <10 | - | <40 | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | **120** | <80 | - | - | **340** | <40 | <10 | <80 |
| LV-3 | 3/28/2023 | 10 | Primary | <25 | <25 | <25 | **480** | <25 | <25 | <25 | <25 | - | - | **210** | <25 | - | **30** | **660** | <25 | <30 | <13 | **310** | <25 | <25 | <25 | - | - | <25 | **170** | **700** | **40** | <25 | **530** | <25 | **50** | **970** |
| LV-4 | 6/28/2021 | 5 | Primary | - | <10 | - | **250** | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | **450** | <80 | - | - | **3800** | <40 | **14** | <80 |
| | 6/28/2021 | 14 | Primary | - | <10 | - | **6500** | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | <16 | <80 | **120** | - | **10000** | <40 | **1000** | <80 |
| | 6/28/2021 | 35 | Primary | - | <10 | - | **16000** | - | - | - | <40 | - | - | <40 | - | - | - | - | **68** | <40 | - | - | - | - | - | - | - | - | <16 | <80 | **84** | - | **31** | <40 | **2200** | <80 |
| LV-5 | 3/28/2023 | 20 | Primary | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | - | - | <25 | <25 | - | <25 | <50 | <25 | <30 | <13 | <25 | <25 | <25 | <25 | - | - | <25 | **80** | <25 | <25 | <25 | **60** | <25 | <13 | <50 |
| LV-8 | 6/28/2021 | 5 | Primary | **260** | <10 | - | **540** | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | **82** | <80 | - | - | **390** | <40 | **2200** | **72** |
| | 6/28/2021 | 15 | Primary | - | <10 | - | **6400** | - | - | - | <40 | - | - | <40 | - | - | - | - | **100** | <40 | - | - | - | - | - | - | - | - | **44** | <80 | **91** | - | **1000** | <40 | **2500** | <80 |
| | 6/28/2021 | 35 | Primary | - | <10 | - | **5800** | - | - | - | <40 | - | - | <40 | - | - | - | - | **77** | <40 | - | - | - | - | - | - | - | - | <16 | <80 | **60** | - | **170** | <40 | **1800** | <80 |
| LV-10 | 6/28/2021 | 6 | Primary | - | <10 | - | <40 | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | **6000** | <80 | - | - | **210** | <40 | <10 | <80 |
| | 6/28/2021 | 15 | Primary | - | <10 | - | <40 | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | **2300** | <80 | - | - | **330** | <40 | <10 | <80 |
| | 6/28/2021 | 35 | Primary | - | <10 | - | **220** | - | - | - | <40 | - | - | <40 | - | - | - | - | - | <40 | - | - | - | - | - | - | - | - | **250** | <80 | - | - | **550** | <40 | <10 | <80 |
| SB-2 | 8/22/2020 | 5 | Primary | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **5.3** | - | - | - | - | - | - | - | - | **68** | **35** | - | - | **50** | - | - | **10** |
| | 8/22/2020 | 15 | Primary | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **1200** | - | - | - | - | - | - | - | - | **29** | **190** | - | - | **49** | - | - | **32** |
| SB-5 | 8/21/2020 | 5 | Primary | - | - | - | - | - | - | - | - | - | - | **180** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **350** | **1600** | - | - | **150** | - | - | **1100** |
| | 8/21/2020 | 15 | Primary | - | - | - | - | - | - | - | - | - | - | **27** | - | - | - | - | - | **2** | - | - | - | - | - | - | - | - | **460** | **230** | - | - | **460** | - | - | **170** |

**TABLE C-6**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Sample Location | Sample Date | Sample Depth (feet bgs) | Sample Type | Chloroethane | Chloroform | Chloromethane | cis-1,2-Dichloroethene | cis-1,3-Dichloropropene | Dibromochloromethane | Dibromomethane | Dichlorodifluoromethane (Freon 12) | Ethanol | Ethyl tert-Butyl Ether (ETBE) | Ethylbenzene | Hexachlorobutadiene | Isopropyl ether | Isopropylbenzene (Cumene) | m,p-Xylenes | Methyl tert-butyl ether (MTBE) | Methylene Chloride | Naphthalene | o-Xylene | Propylbenzene | sec-Butylbenzene | Styrene | Tert-Amyl Methyl Ether (TAME) | tert-Butyl Alcohol (TBA) | tert-Butylbenzene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene | trans-1,3-Dichloropropene | Trichloroethene | Trichlorofluoromethane (Freon 11) | Vinyl Chloride | Xylenes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-8 | 8/22/2020 | 5 | Primary | - | - | - | 28 | - | - | - | - | - | - | 9 | - | - | - | - | - | 24 | - | - | - | - | - | - | - | - | 190 | 60 | - | - | 280 | - | - | 28 |
| | 8/22/2020 | 15 | Primary | - | - | - | 910 | - | - | - | - | - | - | - | - | - | - | - | - | 12 | - | - | - | - | - | - | - | - | 170 | 24 | - | - | 1300 | - | 55 | 36 |
| SB-9 | 8/21/2020 | 5 | Primary | - | - | - | - | - | - | - | - | - | - | 3.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 130 | 37 | - | - | 200 | - | 1.1 | 19 |
| | 8/21/2020 | 15 | Primary | - | - | - | 110 | - | - | - | - | - | - | 0.9 | - | - | - | - | - | 1.2 | - | - | - | - | - | - | - | - | 87 | 5.6 | - | - | 390 | - | 0.48 | 8.4 |
| SB-10 | 8/22/2020 | 5 | Primary | - | 120 | - | 93 | - | - | - | - | - | - | 8.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 200 | 33 | - | - | 1300 | - | 1.8 | 50 |
| | 8/22/2020 | 15 | Primary | - | - | - | 5100 | - | - | - | - | - | - | 14 | - | - | - | - | - | 1700 | - | - | - | - | - | - | - | - | 250 | 59 | - | - | 2800 | - | 220 | 96 |
| SB-13 | 8/22/2020 | 5 | Primary | - | - | - | 770 | - | - | - | - | - | - | - | - | - | - | - | - | 620 | - | - | - | - | - | - | - | - | 280 | 50 | - | - | 1300 | - | - | 23 |
| | 8/22/2020 | 15 | Primary | - | - | - | 3100 | - | - | - | - | - | - | - | - | - | - | - | - | 470 | - | - | - | - | - | - | - | - | 270 | 29 | - | - | 1700 | - | - | - |
| SB-14 | 8/22/2020 | 5 | Primary | - | - | - | 54 | - | - | - | - | - | - | 100 | - | - | - | - | - | 5 | - | - | - | - | - | - | - | - | 360 | 39 | - | - | 820 | - | - | 120 |
| | 8/22/2020 | 15 | Primary | - | - | - | 1100 | - | - | - | - | - | - | 160 | - | - | - | - | - | 5.9 | - | - | - | - | - | - | - | - | 120 | 11 | - | - | 3300 | - | - | 490 |
| SB-15 | 8/22/2020 | 5 | Primary | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1100 | - | - | - | - | - | - | - | - | 230 | 79 | - | - | 87 | - | - | 44 |
| | 8/22/2020 | 15 | Primary | - | - | - | - | - | - | - | - | - | - | 5.6 | - | - | - | - | - | 5.8 | - | - | - | - | - | - | - | - | 260 | 160 | - | - | 140 | - | - | 42 |
| SB-16 | 8/22/2020 | 5 | Primary | - | - | - | 900 | - | - | - | - | - | - | 110 | - | - | - | - | - | 17 | - | - | - | - | - | - | - | - | 110 | 100 | - | - | 660 | - | - | 730 |
| | 8/22/2020 | 15 | Primary | - | - | - | 5000 | - | - | - | - | - | - | - | - | - | - | - | - | 2000 | - | - | - | - | - | - | - | - | 100 | 31 | - | - | 1200 | - | - | 23 |
| SB-17 | 8/22/2020 | 5 | Primary | - | - | - | 720 | - | - | - | - | - | - | 4900 | - | - | - | - | - | 2700 | - | - | - | - | - | - | - | - | 740 | 6200 | - | - | 2400 | - | 510 | 6100 |
| | 8/22/2020 | 15 | Primary | - | - | - | 220 | - | - | - | - | - | - | 410 | - | - | - | - | - | 46 | - | - | - | - | - | - | - | - | 120 | 510 | - | - | 190 | - | - | 1200 |
| SB-18 | 8/22/2020 | 5 | Primary | - | - | - | 3400 | - | - | - | - | - | - | 38 | - | - | - | - | - | 1400 | - | - | - | - | - | - | - | - | 980 | 120 | - | - | 2200 | - | 580 | 220 |
| | 8/22/2020 | 15 | Primary | - | - | - | 14000 | - | - | - | - | - | - | 120 | - | - | - | - | - | 1000 | - | - | - | - | - | - | - | - | 2200 | 130 | - | - | 2500 | - | - | 680 |
| SB-20 | 8/21/2020 | 5 | Primary | - | - | - | 940 | - | - | - | - | - | - | 110 | - | - | - | - | - | 1400 | - | - | - | - | - | - | - | - | - | 270 | - | - | 330 | - | - | 260 |
| | 8/21/2020 | 15 | Primary | - | - | - | 890 | - | - | - | - | - | - | 110 | - | - | - | - | - | 1100 | - | - | - | - | - | - | - | - | - | 720 | - | - | 100 | - | - | 210 |
| SB-21 | 8/22/2020 | 5 | Primary | - | - | - | 18000 | - | - | - | - | - | - | 30000 | - | - | - | - | - | 3500 | - | - | - | - | - | - | - | - | 4000 | 320000 | - | - | 6000 | - | 32000 | 130000 |
| | 8/22/2020 | 15 | Primary | - | - | - | 300 | - | - | - | - | - | - | 1200 | - | - | - | - | - | 9300 | - | - | - | - | - | - | - | - | 820 | 9400 | - | - | 290 | - | 860 | 6500 |
| SB-22 | 8/22/2020 | 5 | Primary | - | - | - | 330 | - | - | - | - | - | - | - | - | - | - | - | - | 5600 | - | - | - | - | - | - | - | - | - | - | - | - | 320 | - | - | 160 |
| | 8/22/2020 | 15 | Primary | - | - | - | 120 | - | - | - | - | - | - | - | - | - | - | - | - | 5.4 | - | - | - | - | - | - | - | - | 530 | - | - | - | 2100 | - | - | 7.5 |
| SB-23 | 8/22/2020 | 5 | Primary | - | - | - | 6.5 | - | - | - | - | - | - | 19 | - | - | - | - | - | 7.7 | - | - | - | - | - | - | - | - | 59 | 150 | - | - | 22 | - | - | 91 |
| | 8/22/2020 | 15 | Primary | - | - | - | 15 | - | - | - | - | - | - | - | - | - | - | - | - | 6.4 | - | - | - | - | - | - | - | - | 360 | 53 | - | - | 420 | - | 11 | 9.5 |
| SB-24 | 8/21/2020 | 5 | Primary | - | - | - | - | - | - | - | - | - | - | 23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 580 | 220 | - | - | 20 | - | - | 110 |
| | 8/21/2020 | 15 | Primary | - | - | - | - | - | - | - | - | - | - | 20 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 980 | 92 | - | - | 120 | - | 4.1 | 97 |
| SB-25 | 8/21/2020 | 5 | Primary | - | - | - | 1.7 | - | - | - | - | - | - | 60 | - | - | - | - | - | 5.4 | - | - | - | - | - | - | - | - | 150 | 33 | - | - | 6.9 | - | - | 410 |
| | 8/21/2020 | 15 | Primary | - | - | - | - | - | - | - | - | - | - | 70 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 680 | 11 | - | - | 71 | - | - | 490 |

**TABLE C-6**
**ANALYTICAL DATA INCLUDED IN THE HHRA: VOLATILE ORGANIC COMPOUNDS IN SOIL VAPOR**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Notes:**

All analytical results for volatile organic compounds are presented in micrograms per cubic meter ($\mu g/m^3$).
Samples from depth interval greater than 15 feet bgs are not used in the HHRA.
Detected results are presented in **bold**.
- = Not analyzed for
< = Analyte was not detected at the given detection limit.
bgs = Below ground surface

# APPENDIX D
# ProUCL Output

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**UCL Statistics for Data Sets with Non-Detects**

| | |
|---|---|
| User Selected Options | |
| Date/Time of Computation | ProUCL 5.2 2/27/2024 1:04:05 PM |
| From File | qry11a ProUCL_Soil_b.xls |
| Full Precision | OFF |
| Confidence Coefficient | 95% |
| Number of Bootstrap Operations | 2000 |

**Result (1,1,1-trichloroethane)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 23 | Number of Distinct Observations | 15 |
| Number of Detects | 9 | Number of Non-Detects | 14 |
| Number of Distinct Detects | 9 | Number of Distinct Non-Detects | 7 |
| Minimum Detect | 1.8000E-4 | Minimum Non-Detect | 1.7000E-4 |
| Maximum Detect | 1.7 | Maximum Non-Detect | 2.9000E-4 |
| Variance Detects | 0.318 | Percent Non-Detects | 60.87% |
| Mean Detects | 0.196 | SD Detects | 0.564 |
| Median Detects | 4.1000E-4 | CV Detects | 2.87 |
| Skewness Detects | 2.997 | Kurtosis Detects | 8.986 |
| Mean of Logged Detects | -5.805 | SD of Logged Detects | 3.12 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.407 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.764 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.502 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.316 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.077 | KM Standard Error of Mean | 0.0766 |
| 90KM SD | 0.346 | 95% KM (BCA) UCL | 0.226 |
| 95% KM (t) UCL | 0.208 | 95% KM (Percentile Bootstrap) UCL | 0.224 |
| 95% KM (z) UCL | 0.203 | 95% KM Bootstrap t UCL | 4.824 |
| 90% KM Chebyshev UCL | 0.307 | 95% KM Chebyshev UCL | 0.411 |
| 97.5% KM Chebyshev UCL | 0.555 | 99% KM Chebyshev UCL | 0.839 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.29 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.866 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.308 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.31 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.179 | k star (bias corrected MLE) | 0.194 |
| Theta hat (MLE) | 1.097 | Theta star (bias corrected MLE) | 1.015 |
| nu hat (MLE) | 3.225 | nu star (bias corrected) | 3.483 |
| Mean (detects) | 0.196 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 1.8000E-4 | Mean | 0.083 |
| Maximum | 1.7 | Median | 0.01 |
| SD | 0.353 | CV | 4.249 |
| k hat (MLE) | 0.271 | k star (bias corrected MLE) | 0.265 |
| Theta hat (MLE) | 0.306 | Theta star (bias corrected MLE) | 0.313 |
| nu hat (MLE) | 12.47 | nu star (bias corrected) | 12.18 |
| Adjusted Level of Significance (β) | 0.0389 | | |
| Approximate Chi Square Value (12.18, α) | 5.345 | Adjusted Chi Square Value (12.18, β) | 5.02 |
| 95% Gamma Approximate UCL | 0.189 | 95% Gamma Adjusted UCL | 0.201 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.077 | SD (KM) | 0.346 |
| Variance (KM) | 0.12 | SE of Mean (KM) | 0.0766 |
| k hat (KM) | 0.0495 | k star (KM) | 0.072 |
| nu hat (KM) | 2.276 | nu star (KM) | 3.312 |
| theta hat (KM) | 1.556 | theta star (KM) | 1.069 |
| 80% gamma percentile (KM) | 0.0294 | 90% gamma percentile (KM) | 0.17 |
| 95% gamma percentile (KM) | 0.444 | 99% gamma percentile (KM) | 1.432 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (3.31, α) | 0.471 | Adjusted Chi Square Value (3.31, β) | 0.405 |
| 95% KM Approximate Gamma UCL | 0.542 | 95% KM Adjusted Gamma UCL | 0.63 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.838 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.859 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.294 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.252 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.0769 | Mean in Log Scale | -10.79 |
| SD in Original Scale | 0.354 | SD in Log Scale | 4.814 |
| 95% t UCL (assumes normality of ROS data) | 0.204 | 95% Percentile Bootstrap UCL | 0.224 |
| 95% BCA Bootstrap UCL | 0.299 | 95% Bootstrap t UCL | 4.847 |
| 95% H-UCL (Log ROS) | 22834 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.544 | KM Geo Mean | 5.2943E-4 |
| KM SD (logged) | 2.309 | 95% Critical H Value (KM-Log) | 4.57 |
| KM Standard Error of Mean (logged) | 0.511 | 95% H-UCL (KM -Log) | 0.0722 |
| KM SD (logged) | 2.309 | 95% Critical H Value (KM-Log) | 4.57 |
| KM Standard Error of Mean (logged) | 0.511 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.0769 | Mean in Log Scale | -7.874 |
| SD in Original Scale | 0.354 | SD in Log Scale | 2.536 |
| 95% t UCL (Assumes normality) | 0.204 | 95% H-Stat UCL | 0.138 |

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Adjusted Gamma UCL | 0.63 |

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**
**Please verify the data were collected from random locations.**
**If the data were collected using judgmental or other non-random methods,**
**then contact a statistician to correctly calculate UCLs.**

When a data set follows an approximate distribution passing only one of the GOF tests,
it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (1,1-dichloroethane)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 78 |
| Number of Detects | 21 | Number of Non-Detects | 131 |
| Number of Distinct Detects | 20 | Number of Distinct Non-Detects | 64 |

| | | | |
|---|---|---|---|
| Minimum Detect | 2.3000E-4 | Minimum Non-Detect | 2.0000E-4 |
| Maximum Detect | 0.12 | Maximum Non-Detect | 1.5 |
| Variance Detects | 0.0012 | Percent Non-Detects | 86.18% |
| Mean Detects | 0.0177 | SD Detects | 0.0346 |
| Median Detects | 0.0024 | CV Detects | 1.949 |
| Skewness Detects | 2.43 | Kurtosis Detects | 5.159 |
| Mean of Logged Detects | -5.752 | SD of Logged Detects | 1.936 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.562 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.873 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.346 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.219 | Detected Data Not Normal at 1% Significance Level |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.00275 | KM Standard Error of Mean | 0.00118 |
| 90KM SD | 0.0141 | 95% KM (BCA) UCL | 0.0048 |
| 95% KM (t) UCL | 0.00471 | 95% KM (Percentile Bootstrap) UCL | 0.00481 |
| 95% KM (z) UCL | 0.0047 | 95% KM Bootstrap t UCL | 0.00819 |
| 90% KM Chebyshev UCL | 0.0063 | 95% KM Chebyshev UCL | 0.00791 |
| 97.5% KM Chebyshev UCL | 0.0101 | 99% KM Chebyshev UCL | 0.0145 |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.41 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.829 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.226 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.203 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.385 | k star (bias corrected MLE) | 0.362 |
| Theta hat (MLE) | 0.0461 | Theta star (bias corrected MLE) | 0.0491 |
| nu hat (MLE) | 16.17 | nu star (bias corrected) | 15.19 |
| Mean (detects) | 0.0177 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.3000E-4 | Mean | 0.0111 |
| Maximum | 0.12 | Median | 0.01 |

| | | | |
|---|---|---|---|
| SD | 0.0129 | CV | 1.162 |
| k hat (MLE) | 2.074 | k star (bias corrected MLE) | 2.037 |
| Theta hat (MLE) | 0.00534 | Theta star (bias corrected MLE) | 0.00543 |
| nu hat (MLE) | 630.5 | nu star (bias corrected) | 619.4 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (619.37, α) | 562.6 | Adjusted Chi Square Value (619.37, β) | 562.1 |
| 95% Gamma Approximate UCL | 0.0122 | 95% Gamma Adjusted UCL | 0.0122 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.00275 | SD (KM) | 0.0141 |
| Variance (KM) | 1.9780E-4 | SE of Mean (KM) | 0.00118 |
| k hat (KM) | 0.0384 | k star (KM) | 0.042 |
| nu hat (KM) | 11.66 | nu star (KM) | 12.77 |
| theta hat (KM) | 0.0718 | theta star (KM) | 0.0656 |
| 80% gamma percentile (KM) | 1.8822E-4 | 90% gamma percentile (KM) | 0.00325 |
| 95% gamma percentile (KM) | 0.0136 | 99% gamma percentile (KM) | 0.064 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (12.77, α) | 5.737 | Adjusted Chi Square Value (12.77, β) | 5.692 |
| 95% KM Approximate Gamma UCL | 0.00613 | 95% KM Adjusted Gamma UCL | 0.00618 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.923 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.923 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.153 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.173 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.00247 | Mean in Log Scale | -11 |
| SD in Original Scale | 0.014 | SD in Log Scale | 2.713 |
| 95% t UCL (assumes normality of ROS data) | 0.00435 | 95% Percentile Bootstrap UCL | 0.00452 |
| 95% BCA Bootstrap UCL | 0.0053 | 95% Bootstrap t UCL | 0.00782 |
| 95% H-UCL (Log ROS) | 0.00168 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -8.009 | KM Geo Mean | 3.3240E-4 |
| KM SD (logged) | 1.236 | 95% Critical H Value (KM-Log) | 2.433 |
| KM Standard Error of Mean (logged) | 0.114 | 95% H-UCL (KM -Log) | 9.1104E-4 |
| KM SD (logged) | 1.236 | 95% Critical H Value (KM-Log) | 2.433 |
| KM Standard Error of Mean (logged) | 0.114 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.0125 | Mean in Log Scale | -7.131 |
| SD in Original Scale | 0.074 | SD in Log Scale | 1.798 |
| 95% t UCL (Assumes normality) | 0.0224 | 95% H-Stat UCL | 0.00629 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

KM H-UCL 9.1104E-4

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (1,2,4-trichlorobenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 52 | Number of Distinct Observations | 22 |
| Number of Detects | 5 | Number of Non-Detects | 47 |
| Number of Distinct Detects | 5 | Number of Distinct Non-Detects | 17 |
| Minimum Detect | 0.0022 | Minimum Non-Detect | 3.0000E-4 |
| Maximum Detect | 87 | Maximum Non-Detect | 0.037 |
| Variance Detects | 1464 | Percent Non-Detects | 90.38% |
| Mean Detects | 18.76 | SD Detects | 38.26 |
| Median Detects | 0.0052 | CV Detects | 2.039 |
| Skewness Detects | 2.204 | Kurtosis Detects | 4.878 |
| Mean of Logged Detects | -2.206 | SD of Logged Detects | 5.02 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.604 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.686 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.423 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.396 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 1.804 | KM Standard Error of Mean | 1.855 |
| 90KM SD | 11.97 | 95% KM (BCA) UCL | 5.151 |

| | | | |
|---|---|---|---|
| 95% KM (t) UCL | 4.912 | 95% KM (Percentile Bootstrap) UCL | 5.15 |
| 95% KM (z) UCL | 4.856 | 95% KM Bootstrap t UCL | 19537 |
| 90% KM Chebyshev UCL | 7.37 | 95% KM Chebyshev UCL | 9.891 |
| 97.5% KM Chebyshev UCL | 13.39 | 99% KM Chebyshev UCL | 20.26 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.604 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.822 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.363 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.397 | Detected data appear Gamma Distributed at 5% Significance Level |

**Detected data appear Gamma Distributed at 5% Significance Level**

**Note GOF tests may be unreliable for small sample sizes**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.15 | k star (bias corrected MLE) | 0.193 |
| Theta hat (MLE) | 125.4 | Theta star (bias corrected MLE) | 97.11 |
| nu hat (MLE) | 1.497 | nu star (bias corrected) | 1.932 |
| Mean (detects) | 18.76 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0022 | Mean | 1.813 |
| Maximum | 87 | Median | 0.01 |
| SD | 12.08 | CV | 6.664 |
| k hat (MLE) | 0.154 | k star (bias corrected MLE) | 0.158 |
| Theta hat (MLE) | 11.77 | Theta star (bias corrected MLE) | 11.48 |
| nu hat (MLE) | 16.02 | nu star (bias corrected) | 16.43 |
| Adjusted Level of Significance (β) | 0.0454 | | |
| Approximate Chi Square Value (16.43, α) | 8.267 | Adjusted Chi Square Value (16.43, β) | 8.102 |
| 95% Gamma Approximate UCL | 3.603 | 95% Gamma Adjusted UCL | 3.677 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 1.804 | SD (KM) | 11.97 |
| Variance (KM) | 143.2 | SE of Mean (KM) | 1.855 |
| k hat (KM) | 0.0227 | k star (KM) | 0.0342 |
| nu hat (KM) | 2.365 | nu star (KM) | 3.561 |
| theta hat (KM) | 79.36 | theta star (KM) | 52.69 |
| 80% gamma percentile (KM) | 0.045 | 90% gamma percentile (KM) | 1.44 |
| 95% gamma percentile (KM) | 7.811 | 99% gamma percentile (KM) | 44.85 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (3.56, α) | 0.557 | Adjusted Chi Square Value (3.56, β) | 0.526 |
| 95% KM Approximate Gamma UCL | 11.55 | 95% KM Adjusted Gamma UCL | 12.21 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.795 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.806 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.329 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.319 | Detected Data Not Lognormal at 10% Significance Level | |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 1.804 | Mean in Log Scale | -25.86 |
| SD in Original Scale | 12.08 | SD in Log Scale | 10.57 |
| 95% t UCL (assumes normality of ROS data) | 4.611 | 95% Percentile Bootstrap UCL | 5.15 |
| 95% BCA Bootstrap UCL | 6.954 | 95% Bootstrap t UCL | 27653 |
| 95% H-UCL (Log ROS) | N/A | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.538 | KM Geo Mean | 5.3231E-4 |
| KM SD (logged) | 2.231 | 95% Critical H Value (KM-Log) | 3.901 |
| KM Standard Error of Mean (logged) | 0.346 | 95% H-UCL (KM -Log) | 0.0217 |
| KM SD (logged) | 2.231 | 95% Critical H Value (KM-Log) | 3.901 |
| KM Standard Error of Mean (logged) | 0.346 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 1.805 | Mean in Log Scale | -7.826 |
| SD in Original Scale | 12.08 | SD in Log Scale | 2.468 |
| 95% t UCL (Assumes normality) | 4.612 | 95% H-Stat UCL | 0.0365 |

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

95% KM Approximate Gamma UCL 11.55

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**
**Please verify the data were collected from random locations.**
**If the data were collected using judgmental or other non-random methods,**
**then contact a statistician to correctly calculate UCLs.**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (1,2,4-trimethylbenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 72 |
| Number of Detects | 35 | Number of Non-Detects | 117 |
| Number of Distinct Detects | 32 | Number of Distinct Non-Detects | 47 |
| Minimum Detect | 2.7000E-4 | Minimum Non-Detect | 4.3000E-4 |
| Maximum Detect | 230 | Maximum Non-Detect | 0.025 |
| Variance Detects | 1591 | Percent Non-Detects | 76.97% |
| Mean Detects | 9.804 | SD Detects | 39.89 |
| Median Detects | 0.0035 | CV Detects | 4.069 |
| Skewness Detects | 5.292 | Kurtosis Detects | 29.39 |
| Mean of Logged Detects | -4.458 | SD of Logged Detects | 4.052 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.279 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.91 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.444 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.172 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 2.258 | KM Standard Error of Mean | 1.589 |
| 90KM SD | 19.31 | 95% KM (BCA) UCL | 5.512 |
| 95% KM (t) UCL | 4.888 | 95% KM (Percentile Bootstrap) UCL | 5.192 |
| 95% KM (z) UCL | 4.872 | 95% KM Bootstrap t UCL | 15.77 |
| 90% KM Chebyshev UCL | 7.025 | 95% KM Chebyshev UCL | 9.185 |
| 97.5% KM Chebyshev UCL | 12.18 | 99% KM Chebyshev UCL | 18.07 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 5.162 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.984 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.331 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.169 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.118 | k star (bias corrected MLE) | 0.127 |
| Theta hat (MLE) | 83.13 | Theta star (bias corrected MLE) | 77.27 |
| nu hat (MLE) | 8.255 | nu star (bias corrected) | 8.881 |
| Mean (detects) | 9.804 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.7000E-4 | Mean | 2.265 |
| Maximum | 230 | Median | 0.01 |
| SD | 19.37 | CV | 8.553 |
| k hat (MLE) | 0.144 | k star (bias corrected MLE) | 0.145 |
| Theta hat (MLE) | 15.78 | Theta star (bias corrected MLE) | 15.61 |
| nu hat (MLE) | 43.63 | nu star (bias corrected) | 44.11 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (44.11, α) | 29.88 | Adjusted Chi Square Value (44.11, β) | 29.76 |
| 95% Gamma Approximate UCL | 3.344 | 95% Gamma Adjusted UCL | 3.357 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 2.258 | SD (KM) | 19.31 |
| Variance (KM) | 372.9 | SE of Mean (KM) | 1.589 |
| k hat (KM) | 0.0137 | k star (KM) | 0.0178 |
| nu hat (KM) | 4.155 | nu star (KM) | 5.407 |
| theta hat (KM) | 165.2 | theta star (KM) | 126.9 |
| 80% gamma percentile (KM) | 2.5720E-4 | 90% gamma percentile (KM) | 0.194 |
| 95% gamma percentile (KM) | 4.175 | 99% gamma percentile (KM) | 63.75 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.41, α) | 1.345 | Adjusted Chi Square Value (5.41, β) | 1.326 |
| 95% KM Approximate Gamma UCL | 9.079 | 95% KM Adjusted Gamma UCL | 9.208 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.82 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.944 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.189 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.136 | Detected Data Not Lognormal at 10% Significance Level |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 2.258 | Mean in Log Scale | -7.75 |
| SD in Original Scale | 19.37 | SD in Log Scale | 3.019 |
| 95% t UCL (assumes normality of ROS data) | 4.859 | 95% Percentile Bootstrap UCL | 5.291 |
| 95% BCA Bootstrap UCL | 7.465 | 95% Bootstrap t UCL | 16.17 |
| 95% H-UCL (Log ROS) | 0.127 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.111 | KM Geo Mean | 8.1639E-4 |
| KM SD (logged) | 2.427 | 95% Critical H Value (KM-Log) | 3.83 |

| | | | |
|---|---|---|---|
| KM Standard Error of Mean (logged) | 0.206 | 95% H-UCL (KM -Log) | 0.0331 |
| KM SD (logged) | 2.427 | 95% Critical H Value (KM-Log) | 3.83 |
| KM Standard Error of Mean (logged) | 0.206 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 2.258 | Mean in Log Scale | -6.535 |
| SD in Original Scale | 19.37 | SD in Log Scale | 2.395 |
| 95% t UCL (Assumes normality) | 4.859 | 95% H-Stat UCL | 0.0535 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 4.888

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (1,2-dichlorobenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 53 | Number of Distinct Observations | 19 |
| Number of Detects | 8 | Number of Non-Detects | 45 |
| Number of Distinct Detects | 8 | Number of Distinct Non-Detects | 11 |
| Minimum Detect | 5.8000E-4 | Minimum Non-Detect | 1.8000E-4 |
| Maximum Detect | 300 | Maximum Non-Detect | 0.01 |
| Variance Detects | 11023 | Percent Non-Detects | 84.91% |
| Mean Detects | 43.65 | SD Detects | 105 |
| Median Detects | 0.00445 | CV Detects | 2.405 |
| Skewness Detects | 2.691 | Kurtosis Detects | 7.348 |
| Mean of Logged Detects | -2.967 | SD of Logged Detects | 5.138 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.503 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.749 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.411 | **Lilliefors GOF Test** | |

| | | |
|---|---|---|
| 1% Lilliefors Critical Value | 0.333 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 6.589 | KM Standard Error of Mean | 6.055 |
| 90KM SD | 41.23 | 95% KM (BCA) UCL | 17.91 |
| 95% KM (t) UCL | 16.73 | 95% KM (Percentile Bootstrap) UCL | 17.91 |
| 95% KM (z) UCL | 16.55 | 95% KM Bootstrap t UCL | 10528 |
| 90% KM Chebyshev UCL | 24.75 | 95% KM Chebyshev UCL | 32.98 |
| 97.5% KM Chebyshev UCL | 44.4 | 99% KM Chebyshev UCL | 66.83 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.035 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.91 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.339 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.333 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.118 | k star (bias corrected MLE) | 0.157 |
| Theta hat (MLE) | 370.3 | Theta star (bias corrected MLE) | 278 |
| nu hat (MLE) | 1.886 | nu star (bias corrected) | 2.512 |
| Mean (detects) | 43.65 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 5.8000E-4 | Mean | 6.597 |
| Maximum | 300 | Median | 0.01 |
| SD | 41.62 | CV | 6.309 |
| k hat (MLE) | 0.126 | k star (bias corrected MLE) | 0.132 |
| Theta hat (MLE) | 52.3 | Theta star (bias corrected MLE) | 50.14 |
| nu hat (MLE) | 13.37 | nu star (bias corrected) | 13.95 |
| Adjusted Level of Significance (β) | 0.0455 | | |
| Approximate Chi Square Value (13.95, α) | 6.535 | Adjusted Chi Square Value (13.95, β) | 6.393 |
| 95% Gamma Approximate UCL | 14.08 | 95% Gamma Adjusted UCL | 14.39 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 6.589 | SD (KM) | 41.23 |
| Variance (KM) | 1700 | SE of Mean (KM) | 6.055 |
| k hat (KM) | 0.0255 | k star (KM) | 0.0367 |
| nu hat (KM) | 2.707 | nu star (KM) | 3.887 |

| | | | |
|---|---|---|---|
| theta hat (KM) | 258 | theta star (KM) | 179.7 |
| 80% gamma percentile (KM) | 0.237 | 90% gamma percentile (KM) | 6.066 |
| 95% gamma percentile (KM) | 29.95 | 99% gamma percentile (KM) | 160.3 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (3.89, α) | 0.678 | Adjusted Chi Square Value (3.89, β) | 0.643 |
| 95% KM Approximate Gamma UCL | 37.8 | 95% KM Adjusted Gamma UCL | 39.83 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.819 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.851 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.292 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.265 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 6.589 | Mean in Log Scale | -22.17 |
| SD in Original Scale | 41.63 | SD in Log Scale | 10.85 |
| 95% t UCL (assumes normality of ROS data) | 16.16 | 95% Percentile Bootstrap UCL | 17.91 |
| 95% BCA Bootstrap UCL | 24.49 | 95% Bootstrap t UCL | 10519 |
| 95% H-UCL (Log ROS) | N/A | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.765 | KM Geo Mean | 4.2453E-4 |
| KM SD (logged) | 2.755 | 95% Critical H Value (KM-Log) | 4.759 |
| KM Standard Error of Mean (logged) | 0.405 | 95% H-UCL (KM -Log) | 0.116 |
| KM SD (logged) | 2.755 | 95% Critical H Value (KM-Log) | 4.759 |
| KM Standard Error of Mean (logged) | 0.405 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 6.589 | Mean in Log Scale | -8.103 |
| SD in Original Scale | 41.63 | SD in Log Scale | 2.935 |
| 95% t UCL (Assumes normality) | 16.16 | 95% H-Stat UCL | 0.173 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 16.73

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

If the data were collected using judgmental or other non-random methods,

then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (1,3,5-trimethylbenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 63 |
| Number of Detects | 19 | Number of Non-Detects | 133 |
| Number of Distinct Detects | 18 | Number of Distinct Non-Detects | 46 |
| Minimum Detect | 3.3000E-4 | Minimum Non-Detect | 1.9000E-4 |
| Maximum Detect | 76 | Maximum Non-Detect | 0.081 |
| Variance Detects | 317.3 | Percent Non-Detects | 87.5% |
| Mean Detects | 6.119 | SD Detects | 17.81 |
| Median Detects | 0.0084 | CV Detects | 2.911 |
| Skewness Detects | 3.767 | Kurtosis Detects | 14.89 |
| Mean of Logged Detects | -3.13 | SD of Logged Detects | 3.969 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.4 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.863 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.401 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.229 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.765 | KM Standard Error of Mean | 0.538 |
| 90KM SD | 6.455 | 95% KM (BCA) UCL | 1.756 |
| 95% KM (t) UCL | 1.655 | 95% KM (Percentile Bootstrap) UCL | 1.738 |
| 95% KM (z) UCL | 1.65 | 95% KM Bootstrap t UCL | 7.831 |
| 90% KM Chebyshev UCL | 2.379 | 95% KM Chebyshev UCL | 3.11 |
| 97.5% KM Chebyshev UCL | 4.125 | 99% KM Chebyshev UCL | 6.118 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.59 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.933 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.279 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.223 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.155 | k star (bias corrected MLE) | 0.165 |

| | | | |
|---|---|---|---|
| Theta hat (MLE) | 39.52 | Theta star (bias corrected MLE) | 36.98 |
| nu hat (MLE) | 5.883 | nu star (bias corrected) | 6.288 |
| Mean (detects) | 6.119 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 3.3000E-4 | Mean | 0.774 |
| Maximum | 76 | Median | 0.01 |
| SD | 6.476 | CV | 8.371 |
| k hat (MLE) | 0.18 | k star (bias corrected MLE) | 0.181 |
| Theta hat (MLE) | 4.305 | Theta star (bias corrected MLE) | 4.285 |
| nu hat (MLE) | 54.62 | nu star (bias corrected) | 54.88 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (54.88, α) | 38.85 | Adjusted Chi Square Value (54.88, β) | 38.73 |
| 95% Gamma Approximate UCL | 1.093 | 95% Gamma Adjusted UCL | 1.096 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.765 | SD (KM) | 6.455 |
| Variance (KM) | 41.67 | SE of Mean (KM) | 0.538 |
| k hat (KM) | 0.014 | k star (KM) | 0.0182 |
| nu hat (KM) | 4.27 | nu star (KM) | 5.519 |
| theta hat (KM) | 54.47 | theta star (KM) | 42.14 |
| 80% gamma percentile (KM) | 1.1028E-4 | 90% gamma percentile (KM) | 0.0726 |
| 95% gamma percentile (KM) | 1.473 | 99% gamma percentile (KM) | 21.57 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.52, α) | 1.399 | Adjusted Chi Square Value (5.52, β) | 1.38 |
| 95% KM Approximate Gamma UCL | 3.018 | 95% KM Adjusted Gamma UCL | 3.06 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.9 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.917 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.207 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.18 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.765 | Mean in Log Scale | -16.73 |
| SD in Original Scale | 6.477 | SD in Log Scale | 6.875 |
| 95% t UCL (assumes normality of ROS data) | 1.634 | 95% Percentile Bootstrap UCL | 1.772 |
| 95% BCA Bootstrap UCL | 2.523 | 95% Bootstrap t UCL | 6.01 |

95% H-UCL (Log ROS) 252733

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.795 | KM Geo Mean | 4.1166E-4 |
| KM SD (logged) | 2.271 | 95% Critical H Value (KM-Log) | 3.633 |
| KM Standard Error of Mean (logged) | 0.195 | 95% H-UCL (KM -Log) | 0.0106 |
| KM SD (logged) | 2.271 | 95% Critical H Value (KM-Log) | 3.633 |
| KM Standard Error of Mean (logged) | 0.195 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.766 | Mean in Log Scale | -6.764 |
| SD in Original Scale | 6.477 | SD in Log Scale | 2.328 |
| 95% t UCL (Assumes normality) | 1.636 | 95% H-Stat UCL | 0.035 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 1.655

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (1,4-dichlorobenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 53 | Number of Distinct Observations | 17 |
| Number of Detects | 5 | Number of Non-Detects | 48 |
| Number of Distinct Detects | 4 | Number of Distinct Non-Detects | 13 |
| Minimum Detect | 0.0017 | Minimum Non-Detect | 2.2000E-4 |
| Maximum Detect | 82 | Maximum Non-Detect | 0.027 |
| Variance Detects | 1261 | Percent Non-Detects | 90.57% |
| Mean Detects | 20.21 | SD Detects | 35.51 |
| Median Detects | 0.045 | CV Detects | 1.757 |
| Skewness Detects | 1.966 | Kurtosis Detects | 3.857 |
| Mean of Logged Detects | -1.701 | SD of Logged Detects | 5.113 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.692 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.686 | Detected Data appear Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.315 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.396 | Detected Data appear Normal at 1% Significance Level | |

Detected Data appear Normal at 1% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 1.907 | KM Standard Error of Mean | 1.751 |
| 90KM SD | 11.4 | 95% KM (BCA) UCL | N/A |
| 95% KM (t) UCL | 4.84 | 95% KM (Percentile Bootstrap) UCL | N/A |
| 95% KM (z) UCL | 4.787 | 95% KM Bootstrap t UCL | N/A |
| 90% KM Chebyshev UCL | 7.161 | 95% KM Chebyshev UCL | 9.541 |
| 97.5% KM Chebyshev UCL | 12.84 | 99% KM Chebyshev UCL | 19.33 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 0.486 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.811 | Detected data appear Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.301 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.395 | Detected data appear Gamma Distributed at 5% Significance Level | |

Detected data appear Gamma Distributed at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.162 | k star (bias corrected MLE) | 0.198 |
| Theta hat (MLE) | 125.1 | Theta star (bias corrected MLE) | 102.1 |
| nu hat (MLE) | 1.615 | nu star (bias corrected) | 1.979 |
| Mean (detects) | 20.21 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0017 | Mean | 1.916 |
| Maximum | 82 | Median | 0.01 |
| SD | 11.51 | CV | 6.009 |
| k hat (MLE) | 0.154 | k star (bias corrected MLE) | 0.158 |
| Theta hat (MLE) | 12.46 | Theta star (bias corrected MLE) | 12.15 |
| nu hat (MLE) | 16.3 | nu star (bias corrected) | 16.71 |
| Adjusted Level of Significance (β) | 0.0455 | | |
| Approximate Chi Square Value (16.71, α) | 8.464 | Adjusted Chi Square Value (16.71, β) | 8.299 |

| | | | |
|---|---|---|---|
| 95% Gamma Approximate UCL | 3.782 | 95% Gamma Adjusted UCL | 3.857 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 1.907 | SD (KM) | 11.4 |
| Variance (KM) | 130 | SE of Mean (KM) | 1.751 |
| k hat (KM) | 0.028 | k star (KM) | 0.039 |
| nu hat (KM) | 2.964 | nu star (KM) | 4.129 |
| theta hat (KM) | 68.2 | theta star (KM) | 48.95 |
| 80% gamma percentile (KM) | 0.0924 | 90% gamma percentile (KM) | 1.971 |
| 95% gamma percentile (KM) | 9.006 | 99% gamma percentile (KM) | 45.47 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (4.13, α) | 0.773 | Adjusted Chi Square Value (4.13, β) | 0.735 |
| 95% KM Approximate Gamma UCL | 10.18 | 95% KM Adjusted Gamma UCL | 10.71 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.848 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.806 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.22 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.319 | Detected Data appear Lognormal at 10% Significance Level |

Detected Data appear Lognormal at 10% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 1.907 | Mean in Log Scale | -27.36 |
| SD in Original Scale | 11.51 | SD in Log Scale | 11.92 |
| 95% t UCL (assumes normality of ROS data) | 4.555 | 95% Percentile Bootstrap UCL | 5 |
| 95% BCA Bootstrap UCL | 6.906 | 95% Bootstrap t UCL | 3552 |
| 95% H-UCL (Log ROS) | N/A | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.785 | KM Geo Mean | 4.1609E-4 |
| KM SD (logged) | 2.416 | 95% Critical H Value (KM-Log) | 4.243 |
| KM Standard Error of Mean (logged) | 0.371 | 95% H-UCL (KM -Log) | 0.0319 |
| KM SD (logged) | 2.416 | 95% Critical H Value (KM-Log) | 4.243 |
| KM Standard Error of Mean (logged) | 0.371 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 1.907 | Mean in Log Scale | -8.058 |
| SD in Original Scale | 11.51 | SD in Log Scale | 2.641 |
| 95% t UCL (Assumes normality) | 4.555 | 95% H-Stat UCL | 0.0557 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Normal Distributed at 1% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL 4.84

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**

**Please verify the data were collected from random locations.**

**If the data were collected using judgmental or other non-random methods,**

**then contact a statistician to correctly calculate UCLs.**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (2-butanone (mek))**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 116 | Number of Distinct Observations | 59 |
| Number of Detects | 70 | Number of Non-Detects | 46 |
| Number of Distinct Detects | 53 | Number of Distinct Non-Detects | 20 |
| Minimum Detect | 0.0032 | Minimum Non-Detect | 0.0036 |
| Maximum Detect | 1.8 | Maximum Non-Detect | 0.83 |
| Variance Detects | 0.0573 | Percent Non-Detects | 39.66% |
| Mean Detects | 0.057 | SD Detects | 0.239 |
| Median Detects | 0.01 | CV Detects | 4.203 |
| Skewness Detects | 6.395 | Kurtosis Detects | 43.56 |
| Mean of Logged Detects | -4.358 | SD of Logged Detects | 1.132 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.235 | **Normal GOF Test on Detected Observations Only** | |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.453 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.122 | Detected Data Not Normal at 1% Significance Level | |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.0369 | KM Standard Error of Mean | 0.0174 |
| 90KM SD | 0.186 | 95% KM (BCA) UCL | 0.0721 |
| 95% KM (t) UCL | 0.0659 | 95% KM (Percentile Bootstrap) UCL | 0.0677 |
| 95% KM (z) UCL | 0.0656 | 95% KM Bootstrap t UCL | 0.161 |
| 90% KM Chebyshev UCL | 0.0893 | 95% KM Chebyshev UCL | 0.113 |
| 97.5% KM Chebyshev UCL | 0.146 | 99% KM Chebyshev UCL | 0.21 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 13.16 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.833 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.337 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.114 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.435 | k star (bias corrected MLE) | 0.426 |
| Theta hat (MLE) | 0.131 | Theta star (bias corrected MLE) | 0.134 |
| nu hat (MLE) | 60.91 | nu star (bias corrected) | 59.63 |
| Mean (detects) | 0.057 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0032 | Mean | 0.0387 |
| Maximum | 1.8 | Median | 0.01 |
| SD | 0.187 | CV | 4.833 |
| k hat (MLE) | 0.531 | k star (bias corrected MLE) | 0.523 |
| Theta hat (MLE) | 0.0728 | Theta star (bias corrected MLE) | 0.0739 |
| nu hat (MLE) | 123.2 | nu star (bias corrected) | 121.4 |
| Adjusted Level of Significance (β) | 0.0479 | | |
| Approximate Chi Square Value (121.37, α) | 96.93 | Adjusted Chi Square Value (121.37, β) | 96.65 |
| 95% Gamma Approximate UCL | 0.0484 | 95% Gamma Adjusted UCL | 0.0485 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.0369 | SD (KM) | 0.186 |
| Variance (KM) | 0.0347 | SE of Mean (KM) | 0.0174 |
| k hat (KM) | 0.0393 | k star (KM) | 0.044 |
| nu hat (KM) | 9.121 | nu star (KM) | 10.22 |
| theta hat (KM) | 0.94 | theta star (KM) | 0.839 |
| 80% gamma percentile (KM) | 0.00309 | 90% gamma percentile (KM) | 0.0471 |
| 95% gamma percentile (KM) | 0.186 | 99% gamma percentile (KM) | 0.844 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (10.22, α) | 4.079 | Adjusted Chi Square Value (10.22, β) | 4.03 |
| 95% KM Approximate Gamma UCL | 0.0926 | 95% KM Adjusted Gamma UCL | 0.0937 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.792 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk P Value | 1.656E-13 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.144 | **Lilliefors GOF Test** |

| | | |
|---|---|---|
| 10% Lilliefors Critical Value | 0.0969 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.0366 | Mean in Log Scale | -4.782 |
| SD in Original Scale | 0.187 | SD in Log Scale | 1.125 |
| 95% t UCL (assumes normality of ROS data) | 0.0654 | 95% Percentile Bootstrap UCL | 0.0671 |
| 95% BCA Bootstrap UCL | 0.0863 | 95% Bootstrap t UCL | 0.163 |
| 95% H-UCL (Log ROS) | 0.0201 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.694 | KM Geo Mean | 0.00915 |
| KM SD (logged) | 1.022 | 95% Critical H Value (KM-Log) | 2.239 |
| KM Standard Error of Mean (logged) | 0.101 | 95% H-UCL (KM -Log) | 0.0191 |
| KM SD (logged) | 1.022 | 95% Critical H Value (KM-Log) | 2.239 |
| KM Standard Error of Mean (logged) | 0.101 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.044 | Mean in Log Scale | -4.601 |
| SD in Original Scale | 0.193 | SD in Log Scale | 1.147 |
| 95% t UCL (Assumes normality) | 0.0738 | 95% H-Stat UCL | 0.025 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.0659 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (2-methylnaphthalene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 10 |
| Number of Detects | 4 | Number of Non-Detects | 28 |

| | | | |
|---|---|---|---|
| Number of Distinct Detects | 4 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 0.052 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 2.5 | Maximum Non-Detect | 2 |
| Variance Detects | 1.304 | Percent Non-Detects | 87.5% |
| Mean Detects | 0.803 | SD Detects | 1.142 |
| Median Detects | 0.33 | CV Detects | 1.422 |
| Skewness Detects | 1.891 | Kurtosis Detects | 3.637 |
| Mean of Logged Detects | -1.088 | SD of Logged Detects | 1.604 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.753 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.687 | Detected Data appear Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.378 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.413 | Detected Data appear Normal at 1% Significance Level |

Detected Data appear Normal at 1% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.123 | KM Standard Error of Mean | 0.0911 |
| 90KM SD | 0.439 | 95% KM (BCA) UCL | N/A |
| 95% KM (t) UCL | 0.277 | 95% KM (Percentile Bootstrap) UCL | N/A |
| 95% KM (z) UCL | 0.272 | 95% KM Bootstrap t UCL | N/A |
| 90% KM Chebyshev UCL | 0.396 | 95% KM Chebyshev UCL | 0.52 |
| 97.5% KM Chebyshev UCL | 0.691 | 99% KM Chebyshev UCL | 1.029 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.3 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.673 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.271 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.406 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data appear Gamma Distributed at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.696 | k star (bias corrected MLE) | 0.341 |
| Theta hat (MLE) | 1.154 | Theta star (bias corrected MLE) | 2.357 |
| nu hat (MLE) | 5.568 | nu star (bias corrected) | 2.725 |
| Mean (detects) | 0.803 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.109 |
| Maximum | 2.5 | Median | 0.01 |
| SD | 0.444 | CV | 4.069 |
| k hat (MLE) | 0.346 | k star (bias corrected MLE) | 0.334 |
| Theta hat (MLE) | 0.316 | Theta star (bias corrected MLE) | 0.327 |
| nu hat (MLE) | 22.11 | nu star (bias corrected) | 21.37 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (21.37, α) | 11.87 | Adjusted Chi Square Value (21.37, β) | 11.49 |
| 95% Gamma Approximate UCL | 0.196 | 95% Gamma Adjusted UCL | N/A |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.123 | SD (KM) | 0.439 |
| Variance (KM) | 0.193 | SE of Mean (KM) | 0.0911 |
| k hat (KM) | 0.078 | k star (KM) | 0.0915 |
| nu hat (KM) | 4.993 | nu star (KM) | 5.858 |
| theta hat (KM) | 1.571 | theta star (KM) | 1.339 |
| 80% gamma percentile (KM) | 0.0742 | 90% gamma percentile (KM) | 0.313 |
| 95% gamma percentile (KM) | 0.714 | 99% gamma percentile (KM) | 2.035 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.86, α) | 1.568 | Adjusted Chi Square Value (5.86, β) | 1.453 |
| 95% KM Approximate Gamma UCL | 0.458 | 95% KM Adjusted Gamma UCL | 0.494 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.992 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.792 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.189 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.346 | Detected Data appear Lognormal at 10% Significance Level |

**Detected Data appear Lognormal at 10% Significance Level**

**Note GOF tests may be unreliable for small sample sizes**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.107 | Mean in Log Scale | -5.774 |
| SD in Original Scale | 0.445 | SD in Log Scale | 2.639 |
| 95% t UCL (assumes normality of ROS data) | 0.241 | 95% Percentile Bootstrap UCL | 0.256 |
| 95% BCA Bootstrap UCL | 0.345 | 95% Bootstrap t UCL | 1.131 |
| 95% H-UCL (Log ROS) | 0.999 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -3.997 | KM Geo Mean | 0.0184 |
| KM SD (logged) | 1.394 | 95% Critical H Value (KM-Log) | 2.943 |
| KM Standard Error of Mean (logged) | 0.334 | 95% H-UCL (KM -Log) | 0.101 |
| KM SD (logged) | 1.394 | 95% Critical H Value (KM-Log) | 2.943 |
| KM Standard Error of Mean (logged) | 0.334 | | |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.246 | Mean in Log Scale | -2.872 |
| SD in Original Scale | 0.468 | SD in Log Scale | 1.929 |
| 95% t UCL (Assumes normality) | 0.387 | 95% H-Stat UCL | 1.322 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Normal Distributed at 1% Significance Level

**Suggested UCL to Use**

95% KM (t) UCL 0.277

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (4-isopropyltoluene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 61 | Number of Distinct Observations | 25 |
| Number of Detects | 15 | Number of Non-Detects | 46 |
| Number of Distinct Detects | 14 | Number of Distinct Non-Detects | 12 |
| Minimum Detect | 3.0000E-4 | Minimum Non-Detect | 2.0000E-4 |
| Maximum Detect | 7.5 | Maximum Non-Detect | 0.012 |
| Variance Detects | 3.972 | Percent Non-Detects | 75.41% |
| Mean Detects | 0.934 | SD Detects | 1.993 |
| Median Detects | 0.02 | CV Detects | 2.134 |
| Skewness Detects | 2.956 | Kurtosis Detects | 9.332 |
| Mean of Logged Detects | -3.522 | SD of Logged Detects | 3.591 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.546 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.835 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.331 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.255 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.23 | KM Standard Error of Mean | 0.137 |
| 90KM SD | 1.036 | 95% KM (BCA) UCL | 0.516 |
| 95% KM (t) UCL | 0.459 | 95% KM (Percentile Bootstrap) UCL | 0.492 |
| 95% KM (z) UCL | 0.456 | 95% KM Bootstrap t UCL | 1.098 |
| 90% KM Chebyshev UCL | 0.642 | 95% KM Chebyshev UCL | 0.828 |
| 97.5% KM Chebyshev UCL | 1.087 | 99% KM Chebyshev UCL | 1.596 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 0.813 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.878 | Detected data appear Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.25 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.245 | Detected Data Not Gamma Distributed at 5% Significance Level | |

**Detected data follow Appr. Gamma Distribution at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.211 | k star (bias corrected MLE) | 0.213 |
| Theta hat (MLE) | 4.421 | Theta star (bias corrected MLE) | 4.375 |
| nu hat (MLE) | 6.338 | nu star (bias corrected) | 6.403 |
| Mean (detects) | 0.934 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 3.0000E-4 | Mean | 0.237 |
| Maximum | 7.5 | Median | 0.01 |
| SD | 1.043 | CV | 4.397 |
| k hat (MLE) | 0.246 | k star (bias corrected MLE) | 0.244 |
| Theta hat (MLE) | 0.966 | Theta star (bias corrected MLE) | 0.97 |
| nu hat (MLE) | 29.97 | nu star (bias corrected) | 29.83 |
| Adjusted Level of Significance (β) | 0.0461 | | |
| Approximate Chi Square Value (29.83, α) | 18.36 | Adjusted Chi Square Value (29.83, β) | 18.14 |
| 95% Gamma Approximate UCL | 0.385 | 95% Gamma Adjusted UCL | 0.39 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.23 | SD (KM) | 1.036 |
| Variance (KM) | 1.073 | SE of Mean (KM) | 0.137 |
| k hat (KM) | 0.0492 | k star (KM) | 0.0577 |
| nu hat (KM) | 6.003 | nu star (KM) | 7.041 |
| theta hat (KM) | 4.67 | theta star (KM) | 3.982 |
| 80% gamma percentile (KM) | 0.0496 | 90% gamma percentile (KM) | 0.415 |
| 95% gamma percentile (KM) | 1.276 | 99% gamma percentile (KM) | 4.713 |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (7.04, α) | 2.193 | Adjusted Chi Square Value (7.04, β) | 2.128 |
| 95% KM Approximate Gamma UCL | 0.738 | 95% KM Adjusted Gamma UCL | 0.76 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.879 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.901 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.236 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.202 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.23 | Mean in Log Scale | -13.14 |
| SD in Original Scale | 1.045 | SD in Log Scale | 6.783 |
| 95% t UCL (assumes normality of ROS data) | 0.453 | 95% Percentile Bootstrap UCL | 0.472 |
| 95% BCA Bootstrap UCL | 0.591 | 95% Bootstrap t UCL | 1.022 |
| 95% H-UCL (Log ROS) | 1.074E+8 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.285 | KM Geo Mean | 6.8554E-4 |
| KM SD (logged) | 2.754 | 95% Critical H Value (KM-Log) | 3.756 |
| KM Standard Error of Mean (logged) | 0.365 | 95% H-UCL (KM -Log) | 0.116 |
| KM SD (logged) | 2.754 | 95% Critical H Value (KM-Log) | 3.756 |
| KM Standard Error of Mean (logged) | 0.365 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.23 | Mean in Log Scale | -7.569 |
| SD in Original Scale | 1.045 | SD in Log Scale | 2.948 |
| 95% t UCL (Assumes normality) | 0.453 | 95% H-Stat UCL | 0.185 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Approximate Gamma UCL | 0.738 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.

Please verify the data were collected from random locations.

If the data were collected using judgmental or other non-random methods,

then contact a statistician to correctly calculate UCLs.

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

When a data set follows an approximate distribution passing only one of the GOF tests,
it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (4-methyl-2-pentanone (mibk))**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 116 | Number of Distinct Observations | 59 |
| Number of Detects | 17 | Number of Non-Detects | 99 |
| Number of Distinct Detects | 17 | Number of Distinct Non-Detects | 46 |
| Minimum Detect | 1.9000E-4 | Minimum Non-Detect | 0.0021 |
| Maximum Detect | 3.2 | Maximum Non-Detect | 1 |
| Variance Detects | 0.668 | Percent Non-Detects | 85.34% |
| Mean Detects | 0.27 | SD Detects | 0.817 |
| Median Detects | 0.0026 | CV Detects | 3.026 |
| Skewness Detects | 3.367 | Kurtosis Detects | 11.62 |
| Mean of Logged Detects | -5.428 | SD of Logged Detects | 2.756 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.386 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.851 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.49 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.241 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.0405 | KM Standard Error of Mean | 0.0305 |
| 90KM SD | 0.318 | 95% KM (BCA) UCL | 0.0972 |
| 95% KM (t) UCL | 0.091 | 95% KM (Percentile Bootstrap) UCL | 0.0956 |
| 95% KM (z) UCL | 0.0906 | 95% KM Bootstrap t UCL | 2.645 |
| 90% KM Chebyshev UCL | 0.132 | 95% KM Chebyshev UCL | 0.173 |
| 97.5% KM Chebyshev UCL | 0.231 | 99% KM Chebyshev UCL | 0.343 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 2.687 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.903 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.359 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.233 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.181 | k star (bias corrected MLE) | 0.189 |

| | | | |
|---|---|---|---|
| Theta hat (MLE) | 1.49 | Theta star (bias corrected MLE) | 1.433 |
| nu hat (MLE) | 6.166 | nu star (bias corrected) | 6.411 |
| Mean (detects) | 0.27 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 1.9000E-4 | Mean | 0.0485 |
| Maximum | 3.2 | Median | 0.01 |
| SD | 0.319 | CV | 6.57 |
| k hat (MLE) | 0.393 | k star (bias corrected MLE) | 0.388 |
| Theta hat (MLE) | 0.123 | Theta star (bias corrected MLE) | 0.125 |
| nu hat (MLE) | 91.13 | nu star (bias corrected) | 90.11 |
| Adjusted Level of Significance (β) | 0.0479 | | |
| Approximate Chi Square Value (90.11, α) | 69.22 | Adjusted Chi Square Value (90.11, β) | 68.99 |
| 95% Gamma Approximate UCL | 0.0631 | 95% Gamma Adjusted UCL | 0.0633 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.0405 | SD (KM) | 0.318 |
| Variance (KM) | 0.101 | SE of Mean (KM) | 0.0305 |
| k hat (KM) | 0.0162 | k star (KM) | 0.0215 |
| nu hat (KM) | 3.758 | nu star (KM) | 4.994 |
| theta hat (KM) | 2.5 | theta star (KM) | 1.881 |
| 80% gamma percentile (KM) | 3.3852E-5 | 90% gamma percentile (KM) | 0.00808 |
| 95% gamma percentile (KM) | 0.105 | 99% gamma percentile (KM) | 1.121 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (4.99, α) | 1.15 | Adjusted Chi Square Value (4.99, β) | 1.127 |
| 95% KM Approximate Gamma UCL | 0.176 | 95% KM Adjusted Gamma UCL | 0.179 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.869 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.91 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.204 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.19 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.0405 | Mean in Log Scale | -7.061 |
| SD in Original Scale | 0.32 | SD in Log Scale | 1.568 |
| 95% t UCL (assumes normality of ROS data) | 0.0897 | 95% Percentile Bootstrap UCL | 0.0953 |
| 95% BCA Bootstrap UCL | 0.134 | 95% Bootstrap t UCL | 2.877 |

| | |
|---|---|
| 95% H-UCL (Log ROS) | 0.00442 |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.033 | KM Geo Mean | 8.8216E-4 |
| KM SD (logged) | 1.476 | 95% Critical H Value (KM-Log) | 2.71 |
| KM Standard Error of Mean (logged) | 0.273 | 95% H-UCL (KM -Log) | 0.00381 |
| KM SD (logged) | 1.476 | 95% Critical H Value (KM-Log) | 2.71 |
| KM Standard Error of Mean (logged) | 0.273 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.0553 | Mean in Log Scale | -5.45 |
| SD in Original Scale | 0.325 | SD in Log Scale | 1.468 |
| 95% t UCL (Assumes normality) | 0.105 | 95% H-Stat UCL | 0.0183 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.091 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (acetone)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 91 |
| Number of Detects | 105 | Number of Non-Detects | 47 |
| Number of Distinct Detects | 70 | Number of Distinct Non-Detects | 34 |
| Minimum Detect | 0.016 | Minimum Non-Detect | 0.0042 |
| Maximum Detect | 1.4 | Maximum Non-Detect | 30 |
| Variance Detects | 0.0217 | Percent Non-Detects | 30.92% |
| Mean Detects | 0.0959 | SD Detects | 0.147 |
| Median Detects | 0.063 | CV Detects | 1.536 |
| Skewness Detects | 7.062 | Kurtosis Detects | 60.31 |
| Mean of Logged Detects | -2.736 | SD of Logged Detects | 0.799 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.437 | **Normal GOF Test on Detected Observations Only** |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.294 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.1 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.0763 | KM Standard Error of Mean | 0.0107 |
| 90KM SD | 0.129 | 95% KM (BCA) UCL | 0.0941 |
| 95% KM (t) UCL | 0.094 | 95% KM (Percentile Bootstrap) UCL | 0.0946 |
| 95% KM (z) UCL | 0.0939 | 95% KM Bootstrap t UCL | 0.109 |
| 90% KM Chebyshev UCL | 0.108 | 95% KM Chebyshev UCL | 0.123 |
| 97.5% KM Chebyshev UCL | 0.143 | 99% KM Chebyshev UCL | 0.183 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 2.534 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.772 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.121 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.09 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 1.422 | k star (bias corrected MLE) | 1.388 |
| Theta hat (MLE) | 0.0674 | Theta star (bias corrected MLE) | 0.0691 |
| nu hat (MLE) | 298.6 | nu star (bias corrected) | 291.4 |
| Mean (detects) | 0.0959 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.0727 |
| Maximum | 1.4 | Median | 0.0443 |
| SD | 0.127 | CV | 1.753 |
| k hat (MLE) | 1.055 | k star (bias corrected MLE) | 1.038 |
| Theta hat (MLE) | 0.0689 | Theta star (bias corrected MLE) | 0.07 |
| nu hat (MLE) | 320.6 | nu star (bias corrected) | 315.6 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (315.58, α) | 275.4 | Adjusted Chi Square Value (315.58, β) | 275.1 |
| 95% Gamma Approximate UCL | 0.0833 | 95% Gamma Adjusted UCL | 0.0834 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.0763 | SD (KM) | 0.129 |
| Variance (KM) | 0.0165 | SE of Mean (KM) | 0.0107 |
| k hat (KM) | 0.352 | k star (KM) | 0.35 |
| nu hat (KM) | 107.1 | nu star (KM) | 106.3 |
| theta hat (KM) | 0.217 | theta star (KM) | 0.218 |
| 80% gamma percentile (KM) | 0.121 | 90% gamma percentile (KM) | 0.22 |
| 95% gamma percentile (KM) | 0.332 | 99% gamma percentile (KM) | 0.616 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (106.33, α) | 83.54 | Adjusted Chi Square Value (106.33, β) | 83.34 |
| 95% KM Approximate Gamma UCL | 0.0971 | 95% KM Adjusted Gamma UCL | 0.0974 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.967 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 0.0759 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.0449 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.0794 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Approximate Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.0754 | Mean in Log Scale | -3.037 |
| SD in Original Scale | 0.126 | SD in Log Scale | 0.878 |
| 95% t UCL (assumes normality of ROS data) | 0.0923 | 95% Percentile Bootstrap UCL | 0.0944 |
| 95% BCA Bootstrap UCL | 0.103 | 95% Bootstrap t UCL | 0.108 |
| 95% H-UCL (Log ROS) | 0.0819 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -3.188 | KM Geo Mean | 0.0413 |
| KM SD (logged) | 1.183 | 95% Critical H Value (KM-Log) | 2.38 |
| KM Standard Error of Mean (logged) | 0.106 | 95% H-UCL (KM -Log) | 0.104 |
| KM SD (logged) | 1.183 | 95% Critical H Value (KM-Log) | 2.38 |
| KM Standard Error of Mean (logged) | 0.106 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.275 | Mean in Log Scale | -2.911 |
| SD in Original Scale | 1.47 | SD in Log Scale | 1.346 |
| 95% t UCL (Assumes normality) | 0.472 | 95% H-Stat UCL | 0.178 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Detected Data appear Approximate Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

KM H-UCL 0.104

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (antimony)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 129 | Number of Distinct Observations | 45 |
| Number of Detects | 22 | Number of Non-Detects | 107 |
| Number of Distinct Detects | 17 | Number of Distinct Non-Detects | 29 |
| Minimum Detect | 1.6 | Minimum Non-Detect | 2.6 |
| Maximum Detect | 730 | Maximum Non-Detect | 3.3 |
| Variance Detects | 24081 | Percent Non-Detects | 82.95% |
| Mean Detects | 48.1 | SD Detects | 155.2 |
| Median Detects | 3.49 | CV Detects | 3.226 |
| Skewness Detects | 4.43 | Kurtosis Detects | 20.17 |
| Mean of Logged Detects | 1.898 | SD of Logged Detects | 1.683 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.327 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.878 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.413 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.214 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 9.714 | KM Standard Error of Mean | 5.857 |
| 90KM SD | 64.99 | 95% KM (BCA) UCL | 21 |
| 95% KM (t) UCL | 19.42 | 95% KM (Percentile Bootstrap) UCL | 20.5 |
| 95% KM (z) UCL | 19.35 | 95% KM Bootstrap t UCL | 92 |
| 90% KM Chebyshev UCL | 27.28 | 95% KM Chebyshev UCL | 35.24 |
| 97.5% KM Chebyshev UCL | 46.29 | 99% KM Chebyshev UCL | 67.99 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 3.017 | **Anderson-Darling GOF Test** |

| | | |
|---|---|---|
| 5% A-D Critical Value | 0.839 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.28 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.2 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.342 | k star (bias corrected MLE) | 0.326 |
| Theta hat (MLE) | 140.7 | Theta star (bias corrected MLE) | 147.8 |
| nu hat (MLE) | 15.04 | nu star (bias corrected) | 14.32 |
| Mean (detects) | 48.1 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 8.368 |
| Maximum | 730 | Median | 0.01 |
| SD | 65.42 | CV | 7.817 |
| k hat (MLE) | 0.141 | k star (bias corrected MLE) | 0.143 |
| Theta hat (MLE) | 59.48 | Theta star (bias corrected MLE) | 58.69 |
| nu hat (MLE) | 36.3 | nu star (bias corrected) | 36.79 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (36.79, α) | 23.9 | Adjusted Chi Square Value (36.79, β) | 23.79 |
| 95% Gamma Approximate UCL | 12.88 | 95% Gamma Adjusted UCL | 12.94 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 9.714 | SD (KM) | 64.99 |
| Variance (KM) | 4223 | SE of Mean (KM) | 5.857 |
| k hat (KM) | 0.0223 | k star (KM) | 0.027 |
| nu hat (KM) | 5.764 | nu star (KM) | 6.964 |
| theta hat (KM) | 434.8 | theta star (KM) | 359.9 |
| 80% gamma percentile (KM) | 0.053 | 90% gamma percentile (KM) | 4.213 |
| 95% gamma percentile (KM) | 33.77 | 99% gamma percentile (KM) | 257.5 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (6.96, α) | 2.151 | Adjusted Chi Square Value (6.96, β) | 2.121 |
| 95% KM Approximate Gamma UCL | 31.45 | 95% KM Adjusted Gamma UCL | 31.9 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.822 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.926 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.198 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.169 | Detected Data Not Lognormal at 10% Significance Level |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 10.18 | Mean in Log Scale | 0.851 |
| SD in Original Scale | 65.2 | SD in Log Scale | 1.053 |
| 95% t UCL (assumes normality of ROS data) | 19.69 | 95% Percentile Bootstrap UCL | 21.17 |
| 95% BCA Bootstrap UCL | 28.78 | 95% Bootstrap t UCL | 71 |
| 95% H-UCL (Log ROS) | 5.025 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 0.813 | KM Geo Mean | 2.255 |
| KM SD (logged) | 0.847 | 95% Critical H Value (KM-Log) | 2.061 |
| KM Standard Error of Mean (logged) | 0.0832 | 95% H-UCL (KM -Log) | 3.767 |
| KM SD (logged) | 0.847 | 95% Critical H Value (KM-Log) | 2.061 |
| KM Standard Error of Mean (logged) | 0.0832 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 9.429 | Mean in Log Scale | 0.647 |
| SD in Original Scale | 65.27 | SD in Log Scale | 0.889 |
| 95% t UCL (Assumes normality) | 18.95 | 95% H-Stat UCL | 3.343 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 19.42 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (aroclor 1248)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 362 | Number of Distinct Observations | 73 |
| Number of Detects | 21 | Number of Non-Detects | 341 |
| Number of Distinct Detects | 20 | Number of Distinct Non-Detects | 55 |

| | | | |
|---|---|---|---|
| Minimum Detect | 0.069 | Minimum Non-Detect | 0.039 |
| Maximum Detect | 36 | Maximum Non-Detect | 5.7 |
| Variance Detects | 122.4 | Percent Non-Detects | 94.2% |
| Mean Detects | 8.891 | SD Detects | 11.07 |
| Median Detects | 4.6 | CV Detects | 1.245 |
| Skewness Detects | 1.354 | Kurtosis Detects | 0.715 |
| Mean of Logged Detects | 0.917 | SD of Logged Detects | 2.034 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.785 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.873 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.227 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.219 | Detected Data Not Normal at 1% Significance Level |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.554 | KM Standard Error of Mean | 0.179 |
| 90KM SD | 3.324 | 95% KM (BCA) UCL | 0.891 |
| 95% KM (t) UCL | 0.849 | 95% KM (Percentile Bootstrap) UCL | 0.865 |
| 95% KM (z) UCL | 0.849 | 95% KM Bootstrap t UCL | 0.954 |
| 90% KM Chebyshev UCL | 1.091 | 95% KM Chebyshev UCL | 1.334 |
| 97.5% KM Chebyshev UCL | 1.672 | 99% KM Chebyshev UCL | 2.335 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.522 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.805 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.179 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.2 | Detected data appear Gamma Distributed at 5% Significance Level |

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.501 | k star (bias corrected MLE) | 0.461 |
| Theta hat (MLE) | 17.76 | Theta star (bias corrected MLE) | 19.29 |
| nu hat (MLE) | 21.03 | nu star (bias corrected) | 19.36 |
| Mean (detects) | 8.891 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.525 |
| Maximum | 36 | Median | 0.01 |
| SD | 3.332 | CV | 6.345 |

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.202 | k star (bias corrected MLE) | 0.202 |
| Theta hat (MLE) | 2.602 | Theta star (bias corrected MLE) | 2.6 |
| nu hat (MLE) | 146.1 | nu star (bias corrected) | 146.3 |
| Adjusted Level of Significance (β) | 0.0493 | | |
| Approximate Chi Square Value (146.25, α) | 119.3 | Adjusted Chi Square Value (146.25, β) | 119.2 |
| 95% Gamma Approximate UCL | 0.644 | 95% Gamma Adjusted UCL | 0.644 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.554 | SD (KM) | 3.324 |
| Variance (KM) | 11.05 | SE of Mean (KM) | 0.179 |
| k hat (KM) | 0.0278 | k star (KM) | 0.0294 |
| nu hat (KM) | 20.12 | nu star (KM) | 21.29 |
| theta hat (KM) | 19.93 | theta star (KM) | 18.84 |
| 80% gamma percentile (KM) | 0.00549 | 90% gamma percentile (KM) | 0.306 |
| 95% gamma percentile (KM) | 2.105 | 99% gamma percentile (KM) | 14.38 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (21.29, α) | 11.81 | Adjusted Chi Square Value (21.29, β) | 11.78 |
| 95% KM Approximate Gamma UCL | 0.999 | 95% KM Adjusted Gamma UCL | 1.001 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.906 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.923 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.17 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.173 | Detected Data appear Lognormal at 10% Significance Level | |

**Detected Data appear Approximate Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.519 | Mean in Log Scale | -9.42 |
| SD in Original Scale | 3.333 | SD in Log Scale | 4.548 |
| 95% t UCL (assumes normality of ROS data) | 0.808 | 95% Percentile Bootstrap UCL | 0.82 |
| 95% BCA Bootstrap UCL | 0.876 | 95% Bootstrap t UCL | 0.935 |
| 95% H-UCL (Log ROS) | 11.04 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.991 | KM Geo Mean | 0.0502 |
| KM SD (logged) | 1.091 | 95% Critical H Value (KM-Log) | 2.202 |
| KM Standard Error of Mean (logged) | 0.0594 | 95% H-UCL (KM -Log) | 0.103 |
| KM SD (logged) | 1.091 | 95% Critical H Value (KM-Log) | 2.202 |
| KM Standard Error of Mean (logged) | 0.0594 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.638 | Mean in Log Scale | -2.779 |

| | | | |
|---|---|---|---|
| SD in Original Scale | 3.329 | SD in Log Scale | 1.52 |
| 95% t UCL (Assumes normality) | 0.926 | 95% H-Stat UCL | 0.243 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

95% KM Approximate Gamma UCL 0.999

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (aroclor 1254)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 362 | Number of Distinct Observations | 115 |
| Number of Detects | 84 | Number of Non-Detects | 278 |
| Number of Distinct Detects | 75 | Number of Distinct Non-Detects | 47 |
| Minimum Detect | 0.00399 | Minimum Non-Detect | 0.025 |
| Maximum Detect | 64 | Maximum Non-Detect | 5.7 |
| Variance Detects | 165.3 | Percent Non-Detects | 76.8% |
| Mean Detects | 7.285 | SD Detects | 12.86 |
| Median Detects | 1.1 | CV Detects | 1.765 |
| Skewness Detects | 2.42 | Kurtosis Detects | 6.15 |
| Mean of Logged Detects | 0.324 | SD of Logged Detects | 2.047 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.623 | **Normal GOF Test on Detected Observations Only** | |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.315 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.112 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 1.698 | KM Standard Error of Mean | 0.364 |
| 90KM SD | 6.881 | 95% KM (BCA) UCL | 2.307 |
| 95% KM (t) UCL | 2.298 | 95% KM (Percentile Bootstrap) UCL | 2.311 |
| 95% KM (z) UCL | 2.297 | 95% KM Bootstrap t UCL | 2.42 |

| | | | |
|---|---|---|---|
| 90% KM Chebyshev UCL | 2.79 | 95% KM Chebyshev UCL | 3.284 |
| 97.5% KM Chebyshev UCL | 3.97 | 99% KM Chebyshev UCL | 5.318 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 3.109 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.843 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.186 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.105 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.396 | k star (bias corrected MLE) | 0.39 |
| Theta hat (MLE) | 18.37 | Theta star (bias corrected MLE) | 18.67 |
| nu hat (MLE) | 66.61 | nu star (bias corrected) | 65.56 |
| Mean (detects) | 7.285 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.00399 | Mean | 1.698 |
| Maximum | 64 | Median | 0.01 |
| SD | 6.89 | CV | 4.058 |
| k hat (MLE) | 0.186 | k star (bias corrected MLE) | 0.187 |
| Theta hat (MLE) | 9.109 | Theta star (bias corrected MLE) | 9.094 |
| nu hat (MLE) | 135 | nu star (bias corrected) | 135.2 |
| Adjusted Level of Significance (β) | 0.0493 | | |
| Approximate Chi Square Value (135.18, α) | 109.3 | Adjusted Chi Square Value (135.18, β) | 109.2 |
| 95% Gamma Approximate UCL | 2.1 | 95% Gamma Adjusted UCL | 2.101 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 1.698 | SD (KM) | 6.881 |
| Variance (KM) | 47.34 | SE of Mean (KM) | 0.364 |
| k hat (KM) | 0.0609 | k star (KM) | 0.0623 |
| nu hat (KM) | 44.11 | nu star (KM) | 45.07 |
| theta hat (KM) | 27.88 | theta star (KM) | 27.28 |
| 80% gamma percentile (KM) | 0.454 | 90% gamma percentile (KM) | 3.311 |
| 95% gamma percentile (KM) | 9.591 | 99% gamma percentile (KM) | 33.72 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (45.07, α) | 30.67 | Adjusted Chi Square Value (45.07, β) | 30.63 |
| 95% KM Approximate Gamma UCL | 2.496 | 95% KM Adjusted Gamma UCL | 2.499 |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.962 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk P Value | 0.0568 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.0784 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.0886 | Detected Data appear Lognormal at 10% Significance Level |

Detected Data appear Approximate Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 1.7 | Mean in Log Scale | -4.606 |
| SD in Original Scale | 6.89 | SD in Log Scale | 3.551 |
| 95% t UCL (assumes normality of ROS data) | 2.297 | 95% Percentile Bootstrap UCL | 2.338 |
| 95% BCA Bootstrap UCL | 2.417 | 95% Bootstrap t UCL | 2.409 |
| 95% H-UCL (Log ROS) | 13.76 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.081 | KM Geo Mean | 0.0169 |
| KM SD (logged) | 2.672 | 95% Critical H Value (KM-Log) | 3.831 |
| KM Standard Error of Mean (logged) | 0.145 | 95% H-UCL (KM -Log) | 1.029 |
| KM SD (logged) | 2.672 | 95% Critical H Value (KM-Log) | 3.831 |
| KM Standard Error of Mean (logged) | 0.145 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 1.758 | Mean in Log Scale | -2.359 |
| SD in Original Scale | 6.878 | SD in Log Scale | 1.996 |
| 95% t UCL (Assumes normality) | 2.354 | 95% H-Stat UCL | 0.959 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

KM H-UCL 1.029

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.

Please verify the data were collected from random locations.

If the data were collected using judgmental or other non-random methods,

then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Result (aroclor 1260)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 362 | Number of Distinct Observations | 98 |
| Number of Detects | 47 | Number of Non-Detects | 315 |
| Number of Distinct Detects | 47 | Number of Distinct Non-Detects | 58 |
| Minimum Detect | 0.00214 | Minimum Non-Detect | 0.025 |
| Maximum Detect | 51 | Maximum Non-Detect | 7.8 |
| Variance Detects | 66.18 | Percent Non-Detects | 87.02% |
| Mean Detects | 2.904 | SD Detects | 8.135 |
| Median Detects | 0.354 | CV Detects | 2.801 |
| Skewness Detects | 4.94 | Kurtosis Detects | 27.62 |
| Mean of Logged Detects | -0.784 | SD of Logged Detects | 1.885 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.397 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.928 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.361 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.15 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.386 | KM Standard Error of Mean | 0.163 |
| 90KM SD | 3.06 | 95% KM (BCA) UCL | 0.729 |
| 95% KM (t) UCL | 0.654 | 95% KM (Percentile Bootstrap) UCL | 0.692 |
| 95% KM (z) UCL | 0.654 | 95% KM Bootstrap t UCL | 1.093 |
| 90% KM Chebyshev UCL | 0.874 | 95% KM Chebyshev UCL | 1.095 |
| 97.5% KM Chebyshev UCL | 1.402 | 99% KM Chebyshev UCL | 2.004 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 3.845 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.847 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.266 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.139 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.362 | k star (bias corrected MLE) | 0.353 |
| Theta hat (MLE) | 8.032 | Theta star (bias corrected MLE) | 8.234 |
| nu hat (MLE) | 33.99 | nu star (bias corrected) | 33.15 |
| Mean (detects) | 2.904 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.00214 | Mean | 0.386 |
| Maximum | 51 | Median | 0.01 |
| SD | 3.063 | CV | 7.941 |
| k hat (MLE) | 0.228 | k star (bias corrected MLE) | 0.228 |
| Theta hat (MLE) | 1.689 | Theta star (bias corrected MLE) | 1.69 |
| nu hat (MLE) | 165.3 | nu star (bias corrected) | 165.3 |
| Adjusted Level of Significance (β) | 0.0493 | | |
| Approximate Chi Square Value (165.27, α) | 136.5 | Adjusted Chi Square Value (165.27, β) | 136.4 |
| 95% Gamma Approximate UCL | 0.467 | 95% Gamma Adjusted UCL | 0.467 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.386 | SD (KM) | 3.06 |
| Variance (KM) | 9.362 | SE of Mean (KM) | 0.163 |
| k hat (KM) | 0.0159 | k star (KM) | 0.0176 |
| nu hat (KM) | 11.54 | nu star (KM) | 12.77 |
| theta hat (KM) | 24.24 | theta star (KM) | 21.89 |
| 80% gamma percentile (KM) | 4.0120E-5 | 90% gamma percentile (KM) | 0.0318 |
| 95% gamma percentile (KM) | 0.703 | 99% gamma percentile (KM) | 10.91 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (12.77, α) | 5.741 | Adjusted Chi Square Value (12.77, β) | 5.722 |
| 95% KM Approximate Gamma UCL | 0.859 | 95% KM Adjusted Gamma UCL | 0.862 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.94 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.954 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.159 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.118 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.382 | Mean in Log Scale | -6.26 |
| SD in Original Scale | 3.063 | SD in Log Scale | 3.134 |
| 95% t UCL (assumes normality of ROS data) | 0.647 | 95% Percentile Bootstrap UCL | 0.666 |
| 95% BCA Bootstrap UCL | 0.837 | 95% Bootstrap t UCL | 1.069 |
| 95% H-UCL (Log ROS) | 0.539 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -5.322 | KM Geo Mean | 0.00488 |
| KM SD (logged) | 2.022 | 95% Critical H Value (KM-Log) | 3.133 |
| KM Standard Error of Mean (logged) | 0.116 | 95% H-UCL (KM -Log) | 0.0526 |
| KM SD (logged) | 2.022 | 95% Critical H Value (KM-Log) | 3.133 |

| | |
|---|---|
| KM Standard Error of Mean (logged) | 0.116 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.514 | Mean in Log Scale | -2.713 |
| SD in Original Scale | 3.075 | SD in Log Scale | 1.539 |
| 95% t UCL (Assumes normality) | 0.781 | 95% H-Stat UCL | 0.268 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.654 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (arsenic)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 150 | Number of Distinct Observations | 108 |
| Number of Detects | 92 | Number of Non-Detects | 58 |
| Number of Distinct Detects | 85 | Number of Distinct Non-Detects | 24 |
| Minimum Detect | 1.6 | Minimum Non-Detect | 1.39 |
| Maximum Detect | 40.2 | Maximum Non-Detect | 2.94 |
| Variance Detects | 34 | Percent Non-Detects | 38.67% |
| Mean Detects | 7.344 | SD Detects | 5.831 |
| Median Detects | 5.52 | CV Detects | 0.794 |
| Skewness Detects | 3.179 | Kurtosis Detects | 12.97 |
| Mean of Logged Detects | 1.803 | SD of Logged Detects | 0.58 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.689 | **Normal GOF Test on Detected Observations Only** | |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.231 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.107 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 5.098 | KM Standard Error of Mean | 0.441 |
| 90KM SD | 5.354 | 95% KM (BCA) UCL | 5.919 |
| 95% KM (t) UCL | 5.828 | 95% KM (Percentile Bootstrap) UCL | 5.875 |
| 95% KM (z) UCL | 5.823 | 95% KM Bootstrap t UCL | 5.989 |
| 90% KM Chebyshev UCL | 6.42 | 95% KM Chebyshev UCL | 7.019 |
| 97.5% KM Chebyshev UCL | 7.85 | 99% KM Chebyshev UCL | 9.482 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 2.388 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.76 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.14 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.094 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 2.774 | k star (bias corrected MLE) | 2.691 |
| Theta hat (MLE) | 2.647 | Theta star (bias corrected MLE) | 2.729 |
| nu hat (MLE) | 510.4 | nu star (bias corrected) | 495.1 |
| Mean (detects) | 7.344 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 4.515 |
| Maximum | 40.2 | Median | 3.63 |
| SD | 5.792 | CV | 1.283 |
| k hat (MLE) | 0.324 | k star (bias corrected MLE) | 0.322 |
| Theta hat (MLE) | 13.92 | Theta star (bias corrected MLE) | 14 |
| nu hat (MLE) | 97.34 | nu star (bias corrected) | 96.73 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (96.73, α) | 75.04 | Adjusted Chi Square Value (96.73, β) | 74.86 |
| 95% Gamma Approximate UCL | 5.82 | 95% Gamma Adjusted UCL | 5.834 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 5.098 | SD (KM) | 5.354 |
| Variance (KM) | 28.66 | SE of Mean (KM) | 0.441 |
| k hat (KM) | 0.907 | k star (KM) | 0.893 |
| nu hat (KM) | 272.1 | nu star (KM) | 268 |
| theta hat (KM) | 5.622 | theta star (KM) | 5.708 |
| 80% gamma percentile (KM) | 8.276 | 90% gamma percentile (KM) | 12.07 |

| | | | |
|---|---|---|---|
| 95% gamma percentile (KM) | 15.9 | 99% gamma percentile (KM) | 24.87 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (267.96, α) | 231.1 | Adjusted Chi Square Value (267.96, β) | 230.7 |
| 95% KM Approximate Gamma UCL | 5.913 | 95% KM Adjusted Gamma UCL | 5.921 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.968 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 0.113 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.0917 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.0847 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data appear Approximate Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 5.141 | Mean in Log Scale | 1.284 |
| SD in Original Scale | 5.347 | SD in Log Scale | 0.816 |
| 95% t UCL (assumes normality of ROS data) | 5.863 | 95% Percentile Bootstrap UCL | 5.908 |
| 95% BCA Bootstrap UCL | 5.985 | 95% Bootstrap t UCL | 5.999 |
| 95% H-UCL (Log ROS) | 5.776 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 1.265 | KM Geo Mean | 3.545 |
| KM SD (logged) | 0.821 | 95% Critical H Value (KM-Log) | 2.05 |
| KM Standard Error of Mean (logged) | 0.0695 | 95% H-UCL (KM -Log) | 5.698 |
| KM SD (logged) | 0.821 | 95% Critical H Value (KM-Log) | 2.05 |
| KM Standard Error of Mean (logged) | 0.0695 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 4.956 | Mean in Log Scale | 1.157 |
| SD in Original Scale | 5.467 | SD in Log Scale | 0.944 |
| 95% t UCL (Assumes normality) | 5.695 | 95% H-Stat UCL | 5.866 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

KM H-UCL 5.698

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Result (barium)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 103 |
| | | Number of Missing Observations | 0 |
| Minimum | 13.7 | Mean | 141.4 |
| Maximum | 2200 | Median | 105.5 |
| SD | 213.7 | Std. Error of Mean | 18.89 |
| Coefficient of Variation | 1.511 | Skewness | 7.657 |

**Normal GOF Test**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.387 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk P Value | 0 | Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.306 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.091 | Data Not Normal at 1% Significance Level |

**Data Not Normal at 1% Significance Level**

**Assuming Normal Distribution**

| | | | |
|---|---|---|---|
| **95% Normal UCL** | | **95% UCLs (Adjusted for Skewness)** | |
| 95% Student's-t UCL | 172.7 | 95% Adjusted-CLT UCL (Chen-1995) | 186.2 |
| | | 95% Modified-t UCL (Johnson-1978) | 174.9 |

**Gamma GOF Test**

| | | |
|---|---|---|
| A-D Test Statistic | 5.198 | **Anderson-Darling Gamma GOF Test** |
| 5% A-D Critical Value | 0.769 | Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.174 | **Kolmogorov-Smirnov Gamma GOF Test** |
| 5% K-S Critical Value | 0.0836 | Data Not Gamma Distributed at 5% Significance Level |

**Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

| | | | |
|---|---|---|---|
| k hat (MLE) | 1.673 | k star (bias corrected MLE) | 1.639 |
| Theta hat (MLE) | 84.55 | Theta star (bias corrected MLE) | 86.3 |
| nu hat (MLE) | 428.2 | nu star (bias corrected) | 419.5 |
| MLE Mean (bias corrected) | 141.4 | MLE Sd (bias corrected) | 110.5 |
| | | Approximate Chi Square Value (0.05) | 373 |
| Adjusted Level of Significance | 0.0481 | Adjusted Chi Square Value | 372.5 |

**Assuming Gamma Distribution**

| | | | |
|---|---|---|---|
| 95% Approximate Gamma UCL | 159 | 95% Adjusted Gamma UCL | 159.3 |

**Lognormal GOF Test**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.95 | **Shapiro Wilk Lognormal GOF Test** |
| 10% Shapiro Wilk P Value | 4.1285E-4 | Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.103 | **Lilliefors Lognormal GOF Test** |
| 10% Lilliefors Critical Value | 0.072 | Data Not Lognormal at 10% Significance Level |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Data Not Lognormal at 10% Significance Level

**Lognormal Statistics**

| | | | |
|---|---|---|---|
| Minimum of Logged Data | 2.617 | Mean of logged Data | 4.624 |
| Maximum of Logged Data | 7.696 | SD of logged Data | 0.726 |

**Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| 95% H-UCL | 150.5 | 90% Chebyshev (MVUE) UCL | 160.6 |
| 95% Chebyshev (MVUE) UCL | 173.4 | 97.5% Chebyshev (MVUE) UCL | 191.3 |
| 99% Chebyshev (MVUE) UCL | 226.3 | | |

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Nonparametric Distribution Free UCLs**

| | | | |
|---|---|---|---|
| 95% CLT UCL | 172.5 | 95% BCA Bootstrap UCL | 190.6 |
| 95% Standard Bootstrap UCL | 171.8 | 95% Bootstrap-t UCL | 211.7 |
| 95% Hall's Bootstrap UCL | 294.6 | 95% Percentile Bootstrap UCL | 174.1 |
| 90% Chebyshev(Mean, Sd) UCL | 198.1 | 95% Chebyshev(Mean, Sd) UCL | 223.8 |
| 97.5% Chebyshev(Mean, Sd) UCL | 259.4 | 99% Chebyshev(Mean, Sd) UCL | 329.4 |

**Suggested UCL to Use**

| | |
|---|---|
| 95% Student's-t UCL | 172.7 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (benzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 95 |
| Number of Detects | 108 | Number of Non-Detects | 44 |
| Number of Distinct Detects | 74 | Number of Distinct Non-Detects | 28 |
| Minimum Detect | 2.4000E-4 | Minimum Non-Detect | 2.0000E-4 |
| Maximum Detect | 0.11 | Maximum Non-Detect | 1.5 |
| Variance Detects | 1.3612E-4 | Percent Non-Detects | 28.95% |
| Mean Detects | 0.00585 | SD Detects | 0.0117 |
| Median Detects | 0.00315 | CV Detects | 1.994 |
| Skewness Detects | 7.162 | Kurtosis Detects | 61.01 |

| | | | |
|---|---|---|---|
| Mean of Logged Detects | -5.835 | SD of Logged Detects | 1.146 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.411 | **Normal GOF Test on Detected Observations Only** | |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.315 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.0989 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.00443 | KM Standard Error of Mean | 8.3629E-4 |
| 90KM SD | 0.0102 | 95% KM (BCA) UCL | 0.00608 |
| 95% KM (t) UCL | 0.00581 | 95% KM (Percentile Bootstrap) UCL | 0.00597 |
| 95% KM (z) UCL | 0.0058 | 95% KM Bootstrap t UCL | 0.00732 |
| 90% KM Chebyshev UCL | 0.00694 | 95% KM Chebyshev UCL | 0.00807 |
| 97.5% KM Chebyshev UCL | 0.00965 | 99% KM Chebyshev UCL | 0.0127 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 1.955 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.79 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.104 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.0905 | Detected Data Not Gamma Distributed at 5% Significance Level | |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.849 | k star (bias corrected MLE) | 0.832 |
| Theta hat (MLE) | 0.00689 | Theta star (bias corrected MLE) | 0.00704 |
| nu hat (MLE) | 183.4 | nu star (bias corrected) | 179.6 |
| Mean (detects) | 0.00585 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.4000E-4 | Mean | 0.00705 |
| Maximum | 0.11 | Median | 0.0057 |
| SD | 0.01 | CV | 1.418 |
| k hat (MLE) | 1.09 | k star (bias corrected MLE) | 1.073 |
| Theta hat (MLE) | 0.00647 | Theta star (bias corrected MLE) | 0.00657 |
| nu hat (MLE) | 331.3 | nu star (bias corrected) | 326.1 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (326.12, α) | 285.3 | Adjusted Chi Square Value (326.12, β) | 284.9 |

| | | | |
|---|---|---|---|
| 95% Gamma Approximate UCL | 0.00806 | 95% Gamma Adjusted UCL | 0.00807 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.00443 | SD (KM) | 0.0102 |
| Variance (KM) | 1.0326E-4 | SE of Mean (KM) | 8.3629E-4 |
| k hat (KM) | 0.19 | k star (KM) | 0.191 |
| nu hat (KM) | 57.75 | nu star (KM) | 57.94 |
| theta hat (KM) | 0.0233 | theta star (KM) | 0.0232 |
| 80% gamma percentile (KM) | 0.00568 | 90% gamma percentile (KM) | 0.0134 |
| 95% gamma percentile (KM) | 0.0231 | 99% gamma percentile (KM) | 0.0501 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (57.94, α) | 41.44 | Adjusted Chi Square Value (57.94, β) | 41.31 |
| 95% KM Approximate Gamma UCL | 0.00619 | 95% KM Adjusted Gamma UCL | 0.00621 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.982 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 0.602 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.0448 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.0783 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.00433 | Mean in Log Scale | -6.398 |
| SD in Original Scale | 0.0101 | SD in Log Scale | 1.379 |
| 95% t UCL (assumes normality of ROS data) | 0.00568 | 95% Percentile Bootstrap UCL | 0.00585 |
| 95% BCA Bootstrap UCL | 0.00641 | 95% Bootstrap t UCL | 0.00708 |
| 95% H-UCL (Log ROS) | 0.00576 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -6.437 | KM Geo Mean | 0.0016 |
| KM SD (logged) | 1.461 | 95% Critical H Value (KM-Log) | 2.672 |
| KM Standard Error of Mean (logged) | 0.124 | 95% H-UCL (KM -Log) | 0.0064 |
| KM SD (logged) | 1.461 | 95% Critical H Value (KM-Log) | 2.672 |
| KM Standard Error of Mean (logged) | 0.124 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.0103 | Mean in Log Scale | -6.295 |
| SD in Original Scale | 0.0615 | SD in Log Scale | 1.653 |
| 95% t UCL (Assumes normality) | 0.0186 | 95% H-Stat UCL | 0.0107 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Lognormal Distributed at 10% Significance Level**

**Suggested UCL to Use**

KM H-UCL 0.0064

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**

**Please verify the data were collected from random locations.**

**If the data were collected using judgmental or other non-random methods,**

**then contact a statistician to correctly calculate UCLs.**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (benzo(a)anthracene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 18 |
| Number of Detects | 13 | Number of Non-Detects | 19 |
| Number of Distinct Detects | 12 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 0.0023 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 2.9 | Maximum Non-Detect | 2 |
| Variance Detects | 0.619 | Percent Non-Detects | 59.38% |
| Mean Detects | 0.294 | SD Detects | 0.787 |
| Median Detects | 0.057 | CV Detects | 2.681 |
| Skewness Detects | 3.547 | Kurtosis Detects | 12.7 |
| Mean of Logged Detects | -3.199 | SD of Logged Detects | 2.123 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.393 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.814 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.465 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.271 | Detected Data Not Normal at 1% Significance Level | |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.13 | KM Standard Error of Mean | 0.0925 |
| 90KM SD | 0.502 | 95% KM (BCA) UCL | 0.317 |
| 95% KM (t) UCL | 0.287 | 95% KM (Percentile Bootstrap) UCL | 0.308 |
| 95% KM (z) UCL | 0.282 | 95% KM Bootstrap t UCL | 1.047 |
| 90% KM Chebyshev UCL | 0.407 | 95% KM Chebyshev UCL | 0.533 |
| 97.5% KM Chebyshev UCL | 0.708 | 99% KM Chebyshev UCL | 1.05 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.943 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.821 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.271 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.255 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.342 | k star (bias corrected MLE) | 0.314 |
| Theta hat (MLE) | 0.858 | Theta star (bias corrected MLE) | 0.934 |
| nu hat (MLE) | 8.892 | nu star (bias corrected) | 8.173 |
| Mean (detects) | 0.294 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0023 | Mean | 0.128 |
| Maximum | 2.9 | Median | 0.01 |
| SD | 0.509 | CV | 3.968 |
| k hat (MLE) | 0.358 | k star (bias corrected MLE) | 0.346 |
| Theta hat (MLE) | 0.358 | Theta star (bias corrected MLE) | 0.371 |
| nu hat (MLE) | 22.94 | nu star (bias corrected) | 22.12 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (22.12, α) | 12.43 | Adjusted Chi Square Value (22.12, β) | 12.04 |
| 95% Gamma Approximate UCL | 0.228 | 95% Gamma Adjusted UCL | 0.236 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.13 | SD (KM) | 0.502 |
| Variance (KM) | 0.252 | SE of Mean (KM) | 0.0925 |
| k hat (KM) | 0.0672 | k star (KM) | 0.0817 |
| nu hat (KM) | 4.299 | nu star (KM) | 5.23 |
| theta hat (KM) | 1.935 | theta star (KM) | 1.591 |
| 80% gamma percentile (KM) | 0.0644 | 90% gamma percentile (KM) | 0.312 |
| 95% gamma percentile (KM) | 0.757 | 99% gamma percentile (KM) | 2.279 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.23, α) | 1.26 | Adjusted Chi Square Value (5.23, β) | 1.16 |
| 95% KM Approximate Gamma UCL | 0.54 | 95% KM Adjusted Gamma UCL | 0.586 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.929 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.889 | Detected Data appear Lognormal at 10% Significance Level |

| | | | |
|---|---|---|---|
| Lilliefors Test Statistic | 0.156 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.215 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.126 | Mean in Log Scale | -4.337 |
| SD in Original Scale | 0.51 | SD in Log Scale | 1.856 |
| 95% t UCL (assumes normality of ROS data) | 0.278 | 95% Percentile Bootstrap UCL | 0.3 |
| 95% BCA Bootstrap UCL | 0.403 | 95% Bootstrap t UCL | 1.222 |
| 95% H-UCL (Log ROS) | 0.244 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.376 | KM Geo Mean | 0.0126 |
| KM SD (logged) | 1.861 | 95% Critical H Value (KM-Log) | 3.62 |
| KM Standard Error of Mean (logged) | 0.394 | 95% H-UCL (KM -Log) | 0.238 |
| KM SD (logged) | 1.861 | 95% Critical H Value (KM-Log) | 3.62 |
| KM Standard Error of Mean (logged) | 0.394 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.225 | Mean in Log Scale | -3.222 |
| SD in Original Scale | 0.535 | SD in Log Scale | 1.972 |
| 95% t UCL (Assumes normality) | 0.385 | 95% H-Stat UCL | 1.067 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| KM H-UCL | 0.238 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (benzo(a)pyrene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 17 |
| Number of Detects | 11 | Number of Non-Detects | 21 |

| | | | |
|---|---|---|---|
| Number of Distinct Detects | 11 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 0.0035 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 4.1 | Maximum Non-Detect | 2 |
| Variance Detects | 1.49 | Percent Non-Detects | 65.63% |
| Mean Detects | 0.429 | SD Detects | 1.221 |
| Median Detects | 0.017 | CV Detects | 2.843 |
| Skewness Detects | 3.284 | Kurtosis Detects | 10.84 |
| Mean of Logged Detects | -3.369 | SD of Logged Detects | 2.154 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.398 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.792 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.455 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.291 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.162 | KM Standard Error of Mean | 0.132 |
| 90KM SD | 0.711 | 95% KM (BCA) UCL | 0.424 |
| 95% KM (t) UCL | 0.386 | 95% KM (Percentile Bootstrap) UCL | 0.413 |
| 95% KM (z) UCL | 0.379 | 95% KM Bootstrap t UCL | 2.572 |
| 90% KM Chebyshev UCL | 0.558 | 95% KM Chebyshev UCL | 0.738 |
| 97.5% KM Chebyshev UCL | 0.987 | 99% KM Chebyshev UCL | 1.476 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.401 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.83 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.314 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.277 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.277 | k star (bias corrected MLE) | 0.262 |
| Theta hat (MLE) | 1.551 | Theta star (bias corrected MLE) | 1.639 |
| nu hat (MLE) | 6.091 | nu star (bias corrected) | 5.763 |
| Mean (detects) | 0.429 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0035 | Mean | 0.174 |
| Maximum | 4.1 | Median | 0.01 |

| | | | |
|---|---|---|---|
| SD | 0.722 | CV | 4.15 |
| k hat (MLE) | 0.31 | k star (bias corrected MLE) | 0.302 |
| Theta hat (MLE) | 0.562 | Theta star (bias corrected MLE) | 0.577 |
| nu hat (MLE) | 19.83 | nu star (bias corrected) | 19.31 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (19.31, α) | 10.34 | Adjusted Chi Square Value (19.31, β) | 9.989 |
| 95% Gamma Approximate UCL | 0.325 | 95% Gamma Adjusted UCL | 0.336 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.162 | SD (KM) | 0.711 |
| Variance (KM) | 0.505 | SE of Mean (KM) | 0.132 |
| k hat (KM) | 0.0519 | k star (KM) | 0.0679 |
| nu hat (KM) | 3.324 | nu star (KM) | 4.346 |
| theta hat (KM) | 3.118 | theta star (KM) | 2.385 |
| 80% gamma percentile (KM) | 0.054 | 90% gamma percentile (KM) | 0.341 |
| 95% gamma percentile (KM) | 0.928 | 99% gamma percentile (KM) | 3.094 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (4.35, α) | 0.863 | Adjusted Chi Square Value (4.35, β) | 0.786 |
| 95% KM Approximate Gamma UCL | 0.816 | 95% KM Adjusted Gamma UCL | 0.896 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.886 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.876 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.255 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.231 | Detected Data Not Lognormal at 10% Significance Level | |

**Detected Data appear Approximate Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.158 | Mean in Log Scale | -4.329 |
| SD in Original Scale | 0.722 | SD in Log Scale | 1.728 |
| 95% t UCL (assumes normality of ROS data) | 0.374 | 95% Percentile Bootstrap UCL | 0.409 |
| 95% BCA Bootstrap UCL | 0.547 | 95% Bootstrap t UCL | 3.211 |
| 95% H-UCL (Log ROS) | 0.169 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.272 | KM Geo Mean | 0.014 |
| KM SD (logged) | 1.606 | 95% Critical H Value (KM-Log) | 3.242 |
| KM Standard Error of Mean (logged) | 0.362 | 95% H-UCL (KM -Log) | 0.129 |
| KM SD (logged) | 1.606 | 95% Critical H Value (KM-Log) | 3.242 |
| KM Standard Error of Mean (logged) | 0.362 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.3 | Mean in Log Scale | -2.9 |
| SD in Original Scale | 0.732 | SD in Log Scale | 1.993 |
| 95% t UCL (Assumes normality) | 0.519 | 95% H-Stat UCL | 1.572 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

KM H-UCL 0.129

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (benzo(a)pyrene equivalent)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 27 |
| | | Number of Missing Observations | 0 |
| Minimum | 0.00634 | Mean | 0.467 |
| Maximum | 5.481 | Median | 0.0361 |
| SD | 1.001 | Std. Error of Mean | 0.177 |
| Coefficient of Variation | 2.142 | Skewness | 4.36 |

**Normal GOF Test**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.475 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.904 | Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.323 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.18 | Data Not Normal at 1% Significance Level | |

Data Not Normal at 1% Significance Level

**Assuming Normal Distribution**

| 95% Normal UCL | | 95% UCLs (Adjusted for Skewness) | |
|---|---|---|---|
| 95% Student's-t UCL | 0.767 | 95% Adjusted-CLT UCL (Chen-1995) | 0.904 |
| | | 95% Modified-t UCL (Johnson-1978) | 0.79 |

**Gamma GOF Test**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 1.691 | **Anderson-Darling Gamma GOF Test** | |
| 5% A-D Critical Value | 0.831 | Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.257 | **Kolmogorov-Smirnov Gamma GOF Test** | |
| 5% K-S Critical Value | 0.166 | Data Not Gamma Distributed at 5% Significance Level | |

Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.409 | k star (bias corrected MLE) | 0.392 |
| Theta hat (MLE) | 1.141 | Theta star (bias corrected MLE) | 1.192 |
| nu hat (MLE) | 26.2 | nu star (bias corrected) | 25.07 |
| MLE Mean (bias corrected) | 0.467 | MLE Sd (bias corrected) | 0.746 |
| | | Approximate Chi Square Value (0.05) | 14.67 |
| Adjusted Level of Significance | 0.0416 | Adjusted Chi Square Value | 14.24 |

**Assuming Gamma Distribution**

| | | | |
|---|---|---|---|
| 95% Approximate Gamma UCL | 0.799 | 95% Adjusted Gamma UCL | 0.822 |

**Lognormal GOF Test**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.887 | **Shapiro Wilk Lognormal GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.941 | Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.214 | **Lilliefors Lognormal GOF Test** | |
| 10% Lilliefors Critical Value | 0.142 | Data Not Lognormal at 10% Significance Level | |

Data Not Lognormal at 10% Significance Level

**Lognormal Statistics**

| | | | |
|---|---|---|---|
| Minimum of Logged Data | -5.061 | Mean of logged Data | -2.363 |
| Maximum of Logged Data | 1.701 | SD of logged Data | 1.976 |

**Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| 95% H-UCL | 2.547 | 90% Chebyshev (MVUE) UCL | 1.373 |
| 95% Chebyshev (MVUE) UCL | 1.738 | 97.5% Chebyshev (MVUE) UCL | 2.244 |
| 99% Chebyshev (MVUE) UCL | 3.239 | | |

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Nonparametric Distribution Free UCLs**

| | | | |
|---|---|---|---|
| 95% CLT UCL | 0.758 | 95% BCA Bootstrap UCL | 0.956 |
| 95% Standard Bootstrap UCL | 0.756 | 95% Bootstrap-t UCL | 1.2 |
| 95% Hall's Bootstrap UCL | 1.93 | 95% Percentile Bootstrap UCL | 0.778 |
| 90% Chebyshev(Mean, Sd) UCL | 0.998 | 95% Chebyshev(Mean, Sd) UCL | 1.238 |
| 97.5% Chebyshev(Mean, Sd) UCL | 1.572 | 99% Chebyshev(Mean, Sd) UCL | 2.227 |

**Suggested UCL to Use**

| | |
|---|---|
| 95% Student's-t UCL | 0.767 |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (benzo(b)fluoranthene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 16 |
| Number of Detects | 10 | Number of Non-Detects | 22 |
| Number of Distinct Detects | 10 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 0.0035 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 3.7 | Maximum Non-Detect | 2 |
| Variance Detects | 1.308 | Percent Non-Detects | 68.75% |
| Mean Detects | 0.456 | SD Detects | 1.144 |
| Median Detects | 0.103 | CV Detects | 2.51 |
| Skewness Detects | 3.125 | Kurtosis Detects | 9.825 |
| Mean of Logged Detects | -2.826 | SD of Logged Detects | 2.196 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.436 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.781 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.464 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.304 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.157 | KM Standard Error of Mean | 0.12 |
| 90KM SD | 0.64 | 95% KM (BCA) UCL | 0.403 |
| 95% KM (t) UCL | 0.359 | 95% KM (Percentile Bootstrap) UCL | 0.385 |
| 95% KM (z) UCL | 0.353 | 95% KM Bootstrap t UCL | 1.425 |
| 90% KM Chebyshev UCL | 0.516 | 95% KM Chebyshev UCL | 0.678 |
| 97.5% KM Chebyshev UCL | 0.904 | 99% KM Chebyshev UCL | 1.347 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.824 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.808 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.278 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.287 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data follow Appr. Gamma Distribution at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.332 | k star (bias corrected MLE) | 0.299 |
| Theta hat (MLE) | 1.37 | Theta star (bias corrected MLE) | 1.522 |
| nu hat (MLE) | 6.65 | nu star (bias corrected) | 5.988 |
| Mean (detects) | 0.456 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0035 | Mean | 0.158 |
| Maximum | 3.7 | Median | 0.01 |
| SD | 0.65 | CV | 4.121 |
| k hat (MLE) | 0.333 | k star (bias corrected MLE) | 0.323 |
| Theta hat (MLE) | 0.473 | Theta star (bias corrected MLE) | 0.489 |
| nu hat (MLE) | 21.32 | nu star (bias corrected) | 20.66 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (20.66, α) | 11.34 | Adjusted Chi Square Value (20.66, β) | 10.97 |
| 95% Gamma Approximate UCL | 0.287 | 95% Gamma Adjusted UCL | 0.297 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.157 | SD (KM) | 0.64 |
| Variance (KM) | 0.41 | SE of Mean (KM) | 0.12 |
| k hat (KM) | 0.0598 | k star (KM) | 0.075 |
| nu hat (KM) | 3.827 | nu star (KM) | 4.802 |
| theta hat (KM) | 2.619 | theta star (KM) | 2.087 |
| 80% gamma percentile (KM) | 0.0654 | 90% gamma percentile (KM) | 0.356 |
| 95% gamma percentile (KM) | 0.907 | 99% gamma percentile (KM) | 2.859 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (4.80, α) | 1.062 | Adjusted Chi Square Value (4.80, β) | 0.973 |
| 95% KM Approximate Gamma UCL | 0.708 | 95% KM Adjusted Gamma UCL | 0.773 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.924 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.869 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.185 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.241 | Detected Data appear Lognormal at 10% Significance Level |

**Detected Data appear Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.152 | Mean in Log Scale | -4.273 |
| SD in Original Scale | 0.65 | SD in Log Scale | 1.861 |
| 95% t UCL (assumes normality of ROS data) | 0.347 | 95% Percentile Bootstrap UCL | 0.378 |
| 95% BCA Bootstrap UCL | 0.503 | 95% Bootstrap t UCL | 1.932 |
| 95% H-UCL (Log ROS) | 0.264 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.266 | KM Geo Mean | 0.014 |
| KM SD (logged) | 1.753 | 95% Critical H Value (KM-Log) | 3.458 |
| KM Standard Error of Mean (logged) | 0.386 | 95% H-UCL (KM -Log) | 0.194 |
| KM SD (logged) | 1.753 | 95% Critical H Value (KM-Log) | 3.458 |
| KM Standard Error of Mean (logged) | 0.386 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.272 | Mean in Log Scale | -3.014 |
| SD in Original Scale | 0.666 | SD in Log Scale | 1.982 |
| 95% t UCL (Assumes normality) | 0.472 | 95% H-Stat UCL | 1.354 |

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Adjusted Gamma UCL | 0.773 |

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**
**Please verify the data were collected from random locations.**
**If the data were collected using judgmental or other non-random methods,**
**then contact a statistician to correctly calculate UCLs.**

When a data set follows an approximate distribution passing only one of the GOF tests,
it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (benzo(g,h,i)perylene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 17 |
| Number of Detects | 11 | Number of Non-Detects | 21 |
| Number of Distinct Detects | 11 | Number of Distinct Non-Detects | 6 |

| | | | |
|---|---|---|---|
| Minimum Detect | 0.0021 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 2.5 | Maximum Non-Detect | 2 |
| Variance Detects | 0.541 | Percent Non-Detects | 65.63% |
| Mean Detects | 0.289 | SD Detects | 0.736 |
| Median Detects | 0.065 | CV Detects | 2.546 |
| Skewness Detects | 3.277 | Kurtosis Detects | 10.81 |
| Mean of Logged Detects | -2.982 | SD of Logged Detects | 1.925 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.417 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.792 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.463 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.291 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.109 | KM Standard Error of Mean | 0.0803 |
| 90KM SD | 0.432 | 95% KM (BCA) UCL | 0.271 |
| 95% KM (t) UCL | 0.246 | 95% KM (Percentile Bootstrap) UCL | 0.263 |
| 95% KM (z) UCL | 0.241 | 95% KM Bootstrap t UCL | 1.045 |
| 90% KM Chebyshev UCL | 0.35 | 95% KM Chebyshev UCL | 0.459 |
| 97.5% KM Chebyshev UCL | 0.611 | 99% KM Chebyshev UCL | 0.909 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.95 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.804 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.288 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.273 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.381 | k star (bias corrected MLE) | 0.338 |
| Theta hat (MLE) | 0.758 | Theta star (bias corrected MLE) | 0.856 |
| nu hat (MLE) | 8.382 | nu star (bias corrected) | 7.429 |
| Mean (detects) | 0.289 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0021 | Mean | 0.109 |
| Maximum | 2.5 | Median | 0.01 |
| SD | 0.439 | CV | 4.032 |

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.378 | k star (bias corrected MLE) | 0.364 |
| Theta hat (MLE) | 0.288 | Theta star (bias corrected MLE) | 0.299 |
| nu hat (MLE) | 24.2 | nu star (bias corrected) | 23.27 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (23.27, α) | 13.29 | Adjusted Chi Square Value (23.27, β) | 12.89 |
| 95% Gamma Approximate UCL | 0.19 | 95% Gamma Adjusted UCL | 0.196 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.109 | SD (KM) | 0.432 |
| Variance (KM) | 0.187 | SE of Mean (KM) | 0.0803 |
| k hat (KM) | 0.064 | k star (KM) | 0.0788 |
| nu hat (KM) | 4.095 | nu star (KM) | 5.044 |
| theta hat (KM) | 1.709 | theta star (KM) | 1.387 |
| 80% gamma percentile (KM) | 0.0505 | 90% gamma percentile (KM) | 0.257 |
| 95% gamma percentile (KM) | 0.635 | 99% gamma percentile (KM) | 1.95 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.04, α) | 1.173 | Adjusted Chi Square Value (5.04, β) | 1.078 |
| 95% KM Approximate Gamma UCL | 0.47 | 95% KM Adjusted Gamma UCL | 0.512 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.96 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.876 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.181 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.231 | Detected Data appear Lognormal at 10% Significance Level |

**Detected Data appear Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.106 | Mean in Log Scale | -4.549 |
| SD in Original Scale | 0.439 | SD in Log Scale | 1.876 |
| 95% t UCL (assumes normality of ROS data) | 0.237 | 95% Percentile Bootstrap UCL | 0.257 |
| 95% BCA Bootstrap UCL | 0.343 | 95% Bootstrap t UCL | 1.248 |
| 95% H-UCL (Log ROS) | 0.21 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.433 | KM Geo Mean | 0.0119 |
| KM SD (logged) | 1.768 | 95% Critical H Value (KM-Log) | 3.48 |
| KM Standard Error of Mean (logged) | 0.416 | 95% H-UCL (KM -Log) | 0.171 |
| KM SD (logged) | 1.768 | 95% Critical H Value (KM-Log) | 3.48 |
| KM Standard Error of Mean (logged) | 0.416 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

**DL/2 Normal** **DL/2 Log-Transformed**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.221 | Mean in Log Scale | -3.113 |
| SD in Original Scale | 0.474 | SD in Log Scale | 1.901 |
| 95% t UCL (Assumes normality) | 0.363 | 95% H-Stat UCL | 0.953 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

KM H-UCL 0.171

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (benzo(k)fluoranthene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 17 |
| Number of Detects | 13 | Number of Non-Detects | 19 |
| Number of Distinct Detects | 11 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 0.0026 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 3 | Maximum Non-Detect | 2 |
| Variance Detects | 0.679 | Percent Non-Detects | 59.38% |
| Mean Detects | 0.263 | SD Detects | 0.824 |
| Median Detects | 0.014 | CV Detects | 3.131 |
| Skewness Detects | 3.58 | Kurtosis Detects | 12.87 |
| Mean of Logged Detects | -3.739 | SD of Logged Detects | 1.862 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.352 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.814 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.468 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.271 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.118 | KM Standard Error of Mean | 0.0958 |
| 90KM SD | 0.519 | 95% KM (BCA) UCL | 0.306 |
| 95% KM (t) UCL | 0.28 | 95% KM (Percentile Bootstrap) UCL | 0.302 |

| | | | |
|---|---|---|---|
| 95% KM (z) UCL | 0.275 | 95% KM Bootstrap t UCL | 4.438 |
| 90% KM Chebyshev UCL | 0.405 | 95% KM Chebyshev UCL | 0.535 |
| 97.5% KM Chebyshev UCL | 0.716 | 99% KM Chebyshev UCL | 1.071 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 2.215 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.835 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.382 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.257 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.289 | k star (bias corrected MLE) | 0.273 |
| Theta hat (MLE) | 0.912 | Theta star (bias corrected MLE) | 0.963 |
| nu hat (MLE) | 7.504 | nu star (bias corrected) | 7.105 |
| Mean (detects) | 0.263 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0026 | Mean | 0.132 |
| Maximum | 3 | Median | 0.01 |
| SD | 0.529 | CV | 4.006 |
| k hat (MLE) | 0.339 | k star (bias corrected MLE) | 0.328 |
| Theta hat (MLE) | 0.39 | Theta star (bias corrected MLE) | 0.403 |
| nu hat (MLE) | 21.71 | nu star (bias corrected) | 21.01 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (21.01, α) | 11.6 | Adjusted Chi Square Value (21.01, β) | 11.23 |
| 95% Gamma Approximate UCL | 0.239 | 95% Gamma Adjusted UCL | 0.247 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.118 | SD (KM) | 0.519 |
| Variance (KM) | 0.27 | SE of Mean (KM) | 0.0958 |
| k hat (KM) | 0.0514 | k star (KM) | 0.0674 |
| nu hat (KM) | 3.29 | nu star (KM) | 4.315 |
| theta hat (KM) | 2.291 | theta star (KM) | 1.747 |
| 80% gamma percentile (KM) | 0.0386 | 90% gamma percentile (KM) | 0.247 |
| 95% gamma percentile (KM) | 0.674 | 99% gamma percentile (KM) | 2.257 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (4.32, α) | 0.85 | Adjusted Chi Square Value (4.32, β) | 0.774 |
| 95% KM Approximate Gamma UCL | 0.598 | 95% KM Adjusted Gamma UCL | 0.657 |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.839 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.889 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.267 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.215 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.115 | Mean in Log Scale | -4.393 |
| SD in Original Scale | 0.528 | SD in Log Scale | 1.545 |
| 95% t UCL (assumes normality of ROS data) | 0.274 | 95% Percentile Bootstrap UCL | 0.299 |
| 95% BCA Bootstrap UCL | 0.396 | 95% Bootstrap t UCL | 2.363 |
| 95% H-UCL (Log ROS) | 0.0979 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.334 | KM Geo Mean | 0.0131 |
| KM SD (logged) | 1.462 | 95% Critical H Value (KM-Log) | 3.037 |
| KM Standard Error of Mean (logged) | 0.328 | 95% H-UCL (KM -Log) | 0.0848 |
| KM SD (logged) | 1.462 | 95% Critical H Value (KM-Log) | 3.037 |
| KM Standard Error of Mean (logged) | 0.328 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.266 | Mean in Log Scale | -2.916 |
| SD in Original Scale | 0.551 | SD in Log Scale | 1.987 |
| 95% t UCL (Assumes normality) | 0.431 | 95% H-Stat UCL | 1.519 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 0.28

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.

Please verify the data were collected from random locations.

If the data were collected using judgmental or other non-random methods,

then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (beryllium)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 76 |
| Number of Detects | 67 | Number of Non-Detects | 61 |
| Number of Distinct Detects | 57 | Number of Distinct Non-Detects | 20 |
| Minimum Detect | 0.16 | Minimum Non-Detect | 0.0683 |
| Maximum Detect | 0.68 | Maximum Non-Detect | 2.6 |
| Variance Detects | 0.0181 | Percent Non-Detects | 47.66% |
| Mean Detects | 0.412 | SD Detects | 0.135 |
| Median Detects | 0.384 | CV Detects | 0.327 |
| Skewness Detects | 0.203 | Kurtosis Detects | -0.772 |
| Mean of Logged Detects | -0.943 | SD of Logged Detects | 0.351 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.957 | **Normal GOF Test on Detected Observations Only** |
| 1% Shapiro Wilk P Value | 0.054 | Detected Data appear Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.091 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.125 | Detected Data appear Normal at 1% Significance Level |

Detected Data appear Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.253 | KM Standard Error of Mean | 0.0176 |
| 90KM SD | 0.195 | 95% KM (BCA) UCL | 0.284 |
| 95% KM (t) UCL | 0.282 | 95% KM (Percentile Bootstrap) UCL | 0.282 |
| 95% KM (z) UCL | 0.282 | 95% KM Bootstrap t UCL | 0.282 |
| 90% KM Chebyshev UCL | 0.306 | 95% KM Chebyshev UCL | 0.33 |
| 97.5% KM Chebyshev UCL | 0.363 | 99% KM Chebyshev UCL | 0.428 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.421 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.752 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.0739 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.109 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data appear Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 8.92 | k star (bias corrected MLE) | 8.53 |
| Theta hat (MLE) | 0.0462 | Theta star (bias corrected MLE) | 0.0483 |
| nu hat (MLE) | 1195 | nu star (bias corrected) | 1143 |
| Mean (detects) | 0.412 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0137 | Mean | 0.283 |
| Maximum | 0.68 | Median | 0.227 |
| SD | 0.172 | CV | 0.607 |
| k hat (MLE) | 2.375 | k star (bias corrected MLE) | 2.325 |
| Theta hat (MLE) | 0.119 | Theta star (bias corrected MLE) | 0.122 |
| nu hat (MLE) | 608.1 | nu star (bias corrected) | 595.2 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (595.16, α) | 539.6 | Adjusted Chi Square Value (595.16, β) | 539 |
| 95% Gamma Approximate UCL | 0.312 | 95% Gamma Adjusted UCL | 0.313 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.253 | SD (KM) | 0.195 |
| Variance (KM) | 0.0381 | SE of Mean (KM) | 0.0176 |
| k hat (KM) | 1.686 | k star (KM) | 1.651 |
| nu hat (KM) | 431.5 | nu star (KM) | 422.7 |
| theta hat (KM) | 0.15 | theta star (KM) | 0.153 |
| 80% gamma percentile (KM) | 0.388 | 90% gamma percentile (KM) | 0.516 |
| 95% gamma percentile (KM) | 0.639 | 99% gamma percentile (KM) | 0.916 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (422.75, α) | 376.1 | Adjusted Chi Square Value (422.75, β) | 375.6 |
| 95% KM Approximate Gamma UCL | 0.285 | 95% KM Adjusted Gamma UCL | 0.285 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.953 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk P Value | 0.0316 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.0778 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.099 | Detected Data appear Lognormal at 10% Significance Level |

**Detected Data appear Approximate Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.299 | Mean in Log Scale | -1.337 |
| SD in Original Scale | 0.156 | SD in Log Scale | 0.508 |
| 95% t UCL (assumes normality of ROS data) | 0.322 | 95% Percentile Bootstrap UCL | 0.322 |
| 95% BCA Bootstrap UCL | 0.322 | 95% Bootstrap t UCL | 0.323 |
| 95% H-UCL (Log ROS) | 0.325 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -1.736 | KM Geo Mean | 0.176 |
| KM SD (logged) | 0.892 | 95% Critical H Value (KM-Log) | 2.097 |
| KM Standard Error of Mean (logged) | 0.0817 | 95% H-UCL (KM -Log) | 0.31 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 0.892 | 95% Critical H Value (KM-Log) | 2.097 |
| KM Standard Error of Mean (logged) | 0.0817 | | |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.259 | Mean in Log Scale | -1.82 |
| SD in Original Scale | 0.219 | SD in Log Scale | 1.083 |
| 95% t UCL (Assumes normality) | 0.292 | 95% H-Stat UCL | 0.362 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Normal Distributed at 1% Significance Level

**Suggested UCL to Use**

95% KM (t) UCL 0.282

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (bromomethane)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 116 | Number of Distinct Observations | 51 |
| Number of Detects | 10 | Number of Non-Detects | 106 |
| Number of Distinct Detects | 10 | Number of Distinct Non-Detects | 41 |
| Minimum Detect | 3.7000E-4 | Minimum Non-Detect | 0.0036 |
| Maximum Detect | 1.5 | Maximum Non-Detect | 1 |
| Variance Detects | 0.222 | Percent Non-Detects | 91.38% |
| Mean Detects | 0.172 | SD Detects | 0.471 |
| Median Detects | 0.0027 | CV Detects | 2.74 |
| Skewness Detects | 3.067 | Kurtosis Detects | 9.515 |
| Mean of Logged Detects | -5.087 | SD of Logged Detects | 2.488 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.43 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.781 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.44 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.304 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.017 | KM Standard Error of Mean | 0.0137 |
| 90KM SD | 0.14 | 95% KM (BCA) UCL | 0.0431 |
| 95% KM (t) UCL | 0.0396 | 95% KM (Percentile Bootstrap) UCL | 0.0425 |

| | | | |
|---|---|---|---|
| 95% KM (z) UCL | 0.0394 | 95% KM Bootstrap t UCL | 0.97 |
| 90% KM Chebyshev UCL | 0.058 | 95% KM Chebyshev UCL | 0.0765 |
| 97.5% KM Chebyshev UCL | 0.102 | 99% KM Chebyshev UCL | 0.153 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 2.01 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.848 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.476 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.293 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.218 | k star (bias corrected MLE) | 0.219 |
| Theta hat (MLE) | 0.787 | Theta star (bias corrected MLE) | 0.783 |
| nu hat (MLE) | 4.365 | nu star (bias corrected) | 4.389 |
| Mean (detects) | 0.172 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 3.7000E-4 | Mean | 0.031 |
| Maximum | 1.5 | Median | 0.01 |
| SD | 0.141 | CV | 4.532 |
| k hat (MLE) | 0.637 | k star (bias corrected MLE) | 0.626 |
| Theta hat (MLE) | 0.0487 | Theta star (bias corrected MLE) | 0.0496 |
| nu hat (MLE) | 147.8 | nu star (bias corrected) | 145.3 |
| Adjusted Level of Significance (β) | 0.0479 | | |
| Approximate Chi Square Value (145.26, α) | 118.4 | Adjusted Chi Square Value (145.26, β) | 118.1 |
| 95% Gamma Approximate UCL | 0.0381 | 95% Gamma Adjusted UCL | 0.0382 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.017 | SD (KM) | 0.14 |
| Variance (KM) | 0.0195 | SE of Mean (KM) | 0.0137 |
| k hat (KM) | 0.0148 | k star (KM) | 0.0202 |
| nu hat (KM) | 3.432 | nu star (KM) | 4.676 |
| theta hat (KM) | 1.147 | theta star (KM) | 0.842 |
| 80% gamma percentile (KM) | 7.4782E-6 | 90% gamma percentile (KM) | 0.00259 |
| 95% gamma percentile (KM) | 0.0395 | 99% gamma percentile (KM) | 0.474 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (4.68, α) | 1.006 | Adjusted Chi Square Value (4.68, β) | 0.985 |
| 95% KM Approximate Gamma UCL | 0.0789 | 95% KM Adjusted Gamma UCL | 0.0806 |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.726 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.869 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.414 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.241 | Detected Data Not Lognormal at 10% Significance Level |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.0186 | Mean in Log Scale | -5.888 |
| SD in Original Scale | 0.14 | SD in Log Scale | 1.215 |
| 95% t UCL (assumes normality of ROS data) | 0.0401 | 95% Percentile Bootstrap UCL | 0.0441 |
| 95% BCA Bootstrap UCL | 0.0576 | 95% Bootstrap t UCL | 0.545 |
| 95% H-UCL (Log ROS) | 0.00764 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -6.11 | KM Geo Mean | 0.00222 |
| KM SD (logged) | 0.986 | 95% Critical H Value (KM-Log) | 2.206 |
| KM Standard Error of Mean (logged) | 0.25 | 95% H-UCL (KM -Log) | 0.00442 |
| KM SD (logged) | 0.986 | 95% Critical H Value (KM-Log) | 2.206 |
| KM Standard Error of Mean (logged) | 0.25 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.0303 | Mean in Log Scale | -5.392 |
| SD in Original Scale | 0.155 | SD in Log Scale | 1.168 |
| 95% t UCL (Assumes normality) | 0.0542 | 95% H-Stat UCL | 0.0117 |

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution**

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.0396 |

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**

**Please verify the data were collected from random locations.**

**If the data were collected using judgmental or other non-random methods,**

**then contact a statistician to correctly calculate UCLs.**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (butylbenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 60 | Number of Distinct Observations | 24 |
| Number of Detects | 13 | Number of Non-Detects | 47 |
| Number of Distinct Detects | 13 | Number of Distinct Non-Detects | 11 |
| Minimum Detect | 4.8000E-4 | Minimum Non-Detect | 1.5000E-4 |
| Maximum Detect | 10 | Maximum Non-Detect | 0.019 |
| Variance Detects | 9.91 | Percent Non-Detects | 78.33% |
| Mean Detects | 1.711 | SD Detects | 3.148 |
| Median Detects | 0.0024 | CV Detects | 1.84 |
| Skewness Detects | 2.044 | Kurtosis Detects | 3.549 |
| Mean of Logged Detects | -3.39 | SD of Logged Detects | 4.043 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.631 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.814 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.359 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.271 | Detected Data Not Normal at 1% Significance Level |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.371 | KM Standard Error of Mean | 0.212 |
| 90KM SD | 1.574 | 95% KM (BCA) UCL | 0.759 |
| 95% KM (t) UCL | 0.724 | 95% KM (Percentile Bootstrap) UCL | 0.736 |
| 95% KM (z) UCL | 0.719 | 95% KM Bootstrap t UCL | 1.338 |
| 90% KM Chebyshev UCL | 1.005 | 95% KM Chebyshev UCL | 1.293 |
| 97.5% KM Chebyshev UCL | 1.692 | 99% KM Chebyshev UCL | 2.476 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.021 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.883 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.31 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.263 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.189 | k star (bias corrected MLE) | 0.197 |
| Theta hat (MLE) | 9.049 | Theta star (bias corrected MLE) | 8.697 |
| nu hat (MLE) | 4.915 | nu star (bias corrected) | 5.114 |
| Mean (detects) | 1.711 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 4.8000E-4 | Mean | 0.378 |
| Maximum | 10 | Median | 0.01 |
| SD | 1.586 | CV | 4.19 |
| k hat (MLE) | 0.216 | k star (bias corrected MLE) | 0.216 |
| Theta hat (MLE) | 1.754 | Theta star (bias corrected MLE) | 1.751 |
| nu hat (MLE) | 25.89 | nu star (bias corrected) | 25.93 |
| Adjusted Level of Significance (β) | 0.046 | | |
| Approximate Chi Square Value (25.93, α) | 15.33 | Adjusted Chi Square Value (25.93, β) | 15.12 |
| 95% Gamma Approximate UCL | 0.64 | 95% Gamma Adjusted UCL | 0.649 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.371 | SD (KM) | 1.574 |
| Variance (KM) | 2.479 | SE of Mean (KM) | 0.212 |
| k hat (KM) | 0.0555 | k star (KM) | 0.0638 |
| nu hat (KM) | 6.655 | nu star (KM) | 7.656 |
| theta hat (KM) | 6.685 | theta star (KM) | 5.811 |
| 80% gamma percentile (KM) | 0.106 | 90% gamma percentile (KM) | 0.74 |
| 95% gamma percentile (KM) | 2.103 | 99% gamma percentile (KM) | 7.283 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (7.66, α) | 2.537 | Adjusted Chi Square Value (7.66, β) | 2.465 |
| 95% KM Approximate Gamma UCL | 1.119 | 95% KM Adjusted Gamma UCL | 1.151 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.81 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.889 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.282 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.215 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.371 | Mean in Log Scale | -15.05 |
| SD in Original Scale | 1.588 | SD in Log Scale | 7.839 |
| 95% t UCL (assumes normality of ROS data) | 0.713 | 95% Percentile Bootstrap UCL | 0.738 |
| 95% BCA Bootstrap UCL | 0.882 | 95% Bootstrap t UCL | 1.325 |
| 95% H-UCL (Log ROS) | 2.144E+12 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.623 | KM Geo Mean | 4.8902E-4 |
| KM SD (logged) | 2.871 | 95% Critical H Value (KM-Log) | 5.511 |
| KM Standard Error of Mean (logged) | 0.386 | 95% H-UCL (KM -Log) | 0.236 |
| KM SD (logged) | 2.871 | 95% Critical H Value (KM-Log) | 5.511 |

| | |
|---|---|
| KM Standard Error of Mean (logged) | 0.386 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.371 | Mean in Log Scale | -7.853 |
| SD in Original Scale | 1.588 | SD in Log Scale | 3.085 |
| 95% t UCL (Assumes normality) | 0.713 | 95% H-Stat UCL | 0.468 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.724 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (cadmium)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 55 |
| Number of Detects | 25 | Number of Non-Detects | 103 |
| Number of Distinct Detects | 25 | Number of Distinct Non-Detects | 31 |
| Minimum Detect | 0.12 | Minimum Non-Detect | 0.162 |
| Maximum Detect | 60.2 | Maximum Non-Detect | 0.56 |
| Variance Detects | 144.3 | Percent Non-Detects | 80.47% |
| Mean Detects | 4.338 | SD Detects | 12.01 |
| Median Detects | 1.08 | CV Detects | 2.769 |
| Skewness Detects | 4.563 | Kurtosis Detects | 21.64 |
| Mean of Logged Detects | 0.239 | SD of Logged Detects | 1.363 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.346 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.886 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.398 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.201 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.954 | KM Standard Error of Mean | 0.493 |
| 90KM SD | 5.463 | 95% KM (BCA) UCL | 1.972 |
| 95% KM (t) UCL | 1.771 | 95% KM (Percentile Bootstrap) UCL | 1.888 |
| 95% KM (z) UCL | 1.765 | 95% KM Bootstrap t UCL | 5.268 |
| 90% KM Chebyshev UCL | 2.433 | 95% KM Chebyshev UCL | 3.102 |
| 97.5% KM Chebyshev UCL | 4.032 | 99% KM Chebyshev UCL | 5.858 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 2.426 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.806 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.272 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.184 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.515 | k star (bias corrected MLE) | 0.48 |
| Theta hat (MLE) | 8.43 | Theta star (bias corrected MLE) | 9.046 |
| nu hat (MLE) | 25.73 | nu star (bias corrected) | 23.98 |
| Mean (detects) | 4.338 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.855 |
| Maximum | 60.2 | Median | 0.01 |
| SD | 5.5 | CV | 6.429 |
| k hat (MLE) | 0.209 | k star (bias corrected MLE) | 0.209 |
| Theta hat (MLE) | 4.099 | Theta star (bias corrected MLE) | 4.093 |
| nu hat (MLE) | 53.43 | nu star (bias corrected) | 53.51 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (53.51, α) | 37.7 | Adjusted Chi Square Value (53.51, β) | 37.55 |
| 95% Gamma Approximate UCL | 1.214 | 95% Gamma Adjusted UCL | 1.219 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.954 | SD (KM) | 5.463 |
| Variance (KM) | 29.85 | SE of Mean (KM) | 0.493 |
| k hat (KM) | 0.0305 | k star (KM) | 0.035 |
| nu hat (KM) | 7.805 | nu star (KM) | 8.955 |
| theta hat (KM) | 31.29 | theta star (KM) | 27.27 |
| 80% gamma percentile (KM) | 0.0268 | 90% gamma percentile (KM) | 0.797 |

| | | | |
|---|---|---|---|
| 95% gamma percentile (KM) | 4.195 | 99% gamma percentile (KM) | 23.56 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (8.96, α) | 3.3 | Adjusted Chi Square Value (8.96, β) | 3.261 |
| 95% KM Approximate Gamma UCL | 2.589 | 95% KM Adjusted Gamma UCL | 2.62 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.937 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.931 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.156 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.159 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.921 | Mean in Log Scale | -2.261 |
| SD in Original Scale | 5.49 | SD in Log Scale | 1.666 |
| 95% t UCL (assumes normality of ROS data) | 1.725 | 95% Percentile Bootstrap UCL | 1.866 |
| 95% BCA Bootstrap UCL | 2.388 | 95% Bootstrap t UCL | 5.421 |
| 95% H-UCL (Log ROS) | 0.639 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -1.602 | KM Geo Mean | 0.202 |
| KM SD (logged) | 1.095 | 95% Critical H Value (KM-Log) | 2.277 |
| KM Standard Error of Mean (logged) | 0.104 | 95% H-UCL (KM -Log) | 0.458 |
| KM SD (logged) | 1.095 | 95% Critical H Value (KM-Log) | 2.277 |
| KM Standard Error of Mean (logged) | 0.104 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 1.007 | Mean in Log Scale | -1.341 |
| SD in Original Scale | 5.477 | SD in Log Scale | 1.081 |
| 95% t UCL (Assumes normality) | 1.809 | 95% H-Stat UCL | 0.583 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

KM H-UCL 0.458

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (chlorobenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 54 | Number of Distinct Observations | 17 |
| Number of Detects | 6 | Number of Non-Detects | 48 |
| Number of Distinct Detects | 6 | Number of Distinct Non-Detects | 12 |
| Minimum Detect | 2.3000E-4 | Minimum Non-Detect | 1.9000E-4 |
| Maximum Detect | 0.8 | Maximum Non-Detect | 0.024 |
| Variance Detects | 0.138 | Percent Non-Detects | 88.89% |
| Mean Detects | 0.24 | SD Detects | 0.372 |
| Median Detects | 0.00418 | CV Detects | 1.551 |
| Skewness Detects | 1.058 | Kurtosis Detects | -1.336 |
| Mean of Logged Detects | -4.837 | SD of Logged Detects | 3.681 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.691 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.713 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.4 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.373 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.0268 | KM Standard Error of Mean | 0.0203 |
| 90KM SD | 0.136 | 95% KM (BCA) UCL | 0.0617 |
| 95% KM (t) UCL | 0.0608 | 95% KM (Percentile Bootstrap) UCL | 0.0617 |
| 95% KM (z) UCL | 0.0602 | 95% KM Bootstrap t UCL | 3.293 |
| 90% KM Chebyshev UCL | 0.0876 | 95% KM Chebyshev UCL | 0.115 |
| 97.5% KM Chebyshev UCL | 0.153 | 99% KM Chebyshev UCL | 0.228 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.711 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.797 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.289 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.363 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data appear Gamma Distributed at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.214 | k star (bias corrected MLE) | 0.218 |
| Theta hat (MLE) | 1.123 | Theta star (bias corrected MLE) | 1.101 |

| | | | |
|---|---|---|---|
| nu hat (MLE) | 2.563 | nu star (bias corrected) | 2.615 |
| Mean (detects) | 0.24 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.3000E-4 | Mean | 0.0355 |
| Maximum | 0.8 | Median | 0.01 |
| SD | 0.136 | CV | 3.814 |
| k hat (MLE) | 0.492 | k star (bias corrected MLE) | 0.477 |
| Theta hat (MLE) | 0.0722 | Theta star (bias corrected MLE) | 0.0745 |
| nu hat (MLE) | 53.15 | nu star (bias corrected) | 51.53 |
| Adjusted Level of Significance (β) | 0.0456 | | |
| Approximate Chi Square Value (51.53, α) | 36.04 | Adjusted Chi Square Value (51.53, β) | 35.69 |
| 95% Gamma Approximate UCL | 0.0508 | 95% Gamma Adjusted UCL | 0.0513 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.0268 | SD (KM) | 0.136 |
| Variance (KM) | 0.0185 | SE of Mean (KM) | 0.0203 |
| k hat (KM) | 0.0389 | k star (KM) | 0.0491 |
| nu hat (KM) | 4.205 | nu star (KM) | 5.304 |
| theta hat (KM) | 0.689 | theta star (KM) | 0.546 |
| 80% gamma percentile (KM) | 0.00341 | 90% gamma percentile (KM) | 0.04 |
| 95% gamma percentile (KM) | 0.142 | 99% gamma percentile (KM) | 0.588 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.30, α) | 1.295 | Adjusted Chi Square Value (5.30, β) | 1.243 |
| 95% KM Approximate Gamma UCL | 0.11 | 95% KM Adjusted Gamma UCL | 0.115 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.827 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.826 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.264 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.298 | Detected Data appear Lognormal at 10% Significance Level |

**Detected Data appear Lognormal at 10% Significance Level**

Note GOF tests may be unreliable for small sample sizes

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.0266 | Mean in Log Scale | -19.85 |
| SD in Original Scale | 0.137 | SD in Log Scale | 7.501 |
| 95% t UCL (assumes normality of ROS data) | 0.0579 | 95% Percentile Bootstrap UCL | 0.0596 |
| 95% BCA Bootstrap UCL | 0.0733 | 95% Bootstrap t UCL | 3.449 |

| | |
|---|---|
| 95% H-UCL (Log ROS) | 7.347E+8 |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -8.146 | KM Geo Mean | 2.8989E-4 |
| KM SD (logged) | 1.623 | 95% Critical H Value (KM-Log) | 3.144 |
| KM Standard Error of Mean (logged) | 0.243 | 95% H-UCL (KM -Log) | 0.00218 |
| KM SD (logged) | 1.623 | 95% Critical H Value (KM-Log) | 3.144 |
| KM Standard Error of Mean (logged) | 0.243 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.0271 | Mean in Log Scale | -8.409 |
| SD in Original Scale | 0.137 | SD in Log Scale | 1.887 |
| 95% t UCL (Assumes normality) | 0.0583 | 95% H-Stat UCL | 0.00328 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Approximate Gamma UCL | 0.11 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (chromium)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 110 |
| | | Number of Missing Observations | 0 |
| Minimum | 1.84 | Mean | 83.59 |
| Maximum | 5100 | Median | 15 |
| SD | 485.7 | Std. Error of Mean | 42.93 |
| Coefficient of Variation | 5.81 | Skewness | 9.329 |

**Normal GOF Test**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.166 | **Shapiro Wilk GOF Test** | |

| | | |
|---|---|---|
| 1% Shapiro Wilk P Value | 0 | Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.441 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.091 | Data Not Normal at 1% Significance Level |

Data Not Normal at 1% Significance Level

**Assuming Normal Distribution**

| **95% Normal UCL** | | **95% UCLs (Adjusted for Skewness)** | |
|---|---|---|---|
| 95% Student's-t UCL | 154.7 | 95% Adjusted-CLT UCL (Chen-1995) | 192 |
| | | 95% Modified-t UCL (Johnson-1978) | 160.6 |

**Gamma GOF Test**

| | | |
|---|---|---|
| A-D Test Statistic | 24.33 | **Anderson-Darling Gamma GOF Test** |
| 5% A-D Critical Value | 0.842 | Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.357 | **Kolmogorov-Smirnov Gamma GOF Test** |
| 5% K-S Critical Value | 0.088 | Data Not Gamma Distributed at 5% Significance Level |

Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.407 | k star (bias corrected MLE) | 0.402 |
| Theta hat (MLE) | 205.5 | Theta star (bias corrected MLE) | 207.7 |
| nu hat (MLE) | 104.1 | nu star (bias corrected) | 103 |
| MLE Mean (bias corrected) | 83.59 | MLE Sd (bias corrected) | 131.8 |
| | | Approximate Chi Square Value (0.05) | 80.59 |
| Adjusted Level of Significance | 0.0481 | Adjusted Chi Square Value | 80.37 |

**Assuming Gamma Distribution**

| | | | |
|---|---|---|---|
| 95% Approximate Gamma UCL | 106.8 | 95% Adjusted Gamma UCL | 107.1 |

**Lognormal GOF Test**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.849 | **Shapiro Wilk Lognormal GOF Test** |
| 10% Shapiro Wilk P Value | 0 | Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.169 | **Lilliefors Lognormal GOF Test** |
| 10% Lilliefors Critical Value | 0.072 | Data Not Lognormal at 10% Significance Level |

Data Not Lognormal at 10% Significance Level

**Lognormal Statistics**

| | | | |
|---|---|---|---|
| Minimum of Logged Data | 0.61 | Mean of logged Data | 2.812 |
| Maximum of Logged Data | 8.537 | SD of logged Data | 1.117 |

**Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| 95% H-UCL | 39.03 | 90% Chebyshev (MVUE) UCL | 42.24 |
| 95% Chebyshev (MVUE) UCL | 47.4 | 97.5% Chebyshev (MVUE) UCL | 54.57 |
| 99% Chebyshev (MVUE) UCL | 68.65 | | |

**Nonparametric Distribution Free UCL Statistics**

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Data do not follow a Discernible Distribution

**Nonparametric Distribution Free UCLs**

| | | | |
|---|---|---|---|
| 95% CLT UCL | 154.2 | 95% BCA Bootstrap UCL | 203 |
| 95% Standard Bootstrap UCL | 153.4 | 95% Bootstrap-t UCL | 469.4 |
| 95% Hall's Bootstrap UCL | 488.4 | 95% Percentile Bootstrap UCL | 161.4 |
| 90% Chebyshev(Mean, Sd) UCL | 212.4 | 95% Chebyshev(Mean, Sd) UCL | 270.7 |
| 97.5% Chebyshev(Mean, Sd) UCL | 351.7 | 99% Chebyshev(Mean, Sd) UCL | 510.8 |

**Suggested UCL to Use**

95% Student's-t UCL 154.7

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (chrysene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 21 |
| Number of Detects | 17 | Number of Non-Detects | 15 |
| Number of Distinct Detects | 15 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 0.0018 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 3.2 | Maximum Non-Detect | 2 |
| Variance Detects | 0.58 | Percent Non-Detects | 46.88% |
| Mean Detects | 0.278 | SD Detects | 0.762 |
| Median Detects | 0.078 | CV Detects | 2.736 |
| Skewness Detects | 3.964 | Kurtosis Detects | 16.04 |
| Mean of Logged Detects | -3.334 | SD of Logged Detects | 2.215 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.381 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.851 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.387 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.241 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.163 | KM Standard Error of Mean | 0.102 |
| 90KM SD | 0.555 | 95% KM (BCA) UCL | 0.374 |

| | | | |
|---|---|---|---|
| 95% KM (t) UCL | 0.336 | 95% KM (Percentile Bootstrap) UCL | 0.36 |
| 95% KM (z) UCL | 0.331 | 95% KM Bootstrap t UCL | 0.999 |
| 90% KM Chebyshev UCL | 0.468 | 95% KM Chebyshev UCL | 0.607 |
| 97.5% KM Chebyshev UCL | 0.798 | 99% KM Chebyshev UCL | 1.175 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 1.082 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.835 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.202 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.226 | Detected data appear Gamma Distributed at 5% Significance Level | |

**Detected data follow Appr. Gamma Distribution at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.33 | k star (bias corrected MLE) | 0.311 |
| Theta hat (MLE) | 0.843 | Theta star (bias corrected MLE) | 0.895 |
| nu hat (MLE) | 11.23 | nu star (bias corrected) | 10.58 |
| Mean (detects) | 0.278 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0018 | Mean | 0.162 |
| Maximum | 3.2 | Median | 0.01 |
| SD | 0.563 | CV | 3.483 |
| k hat (MLE) | 0.348 | k star (bias corrected MLE) | 0.336 |
| Theta hat (MLE) | 0.465 | Theta star (bias corrected MLE) | 0.481 |
| nu hat (MLE) | 22.25 | nu star (bias corrected) | 21.49 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (21.49, α) | 11.96 | Adjusted Chi Square Value (21.49, β) | 11.58 |
| 95% Gamma Approximate UCL | 0.29 | 95% Gamma Adjusted UCL | 0.3 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.163 | SD (KM) | 0.555 |
| Variance (KM) | 0.308 | SE of Mean (KM) | 0.102 |
| k hat (KM) | 0.0867 | k star (KM) | 0.0994 |
| nu hat (KM) | 5.55 | nu star (KM) | 6.363 |
| theta hat (KM) | 1.885 | theta star (KM) | 1.644 |
| 80% gamma percentile (KM) | 0.112 | 90% gamma percentile (KM) | 0.434 |
| 95% gamma percentile (KM) | 0.949 | 99% gamma percentile (KM) | 2.604 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (6.36, α) | 1.828 | Adjusted Chi Square Value (6.36, β) | 1.701 |

| | | | |
|---|---|---|---|
| 95% KM Approximate Gamma UCL | 0.569 | 95% KM Adjusted Gamma UCL | 0.611 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.91 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.91 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.217 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.19 | Detected Data Not Lognormal at 10% Significance Level | |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.156 | Mean in Log Scale | -3.986 |
| SD in Original Scale | 0.563 | SD in Log Scale | 1.9 |
| 95% t UCL (assumes normality of ROS data) | 0.324 | 95% Percentile Bootstrap UCL | 0.344 |
| 95% BCA Bootstrap UCL | 0.455 | 95% Bootstrap t UCL | 1.149 |
| 95% H-UCL (Log ROS) | 0.396 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.082 | KM Geo Mean | 0.0169 |
| KM SD (logged) | 2.015 | 95% Critical H Value (KM-Log) | 3.855 |
| KM Standard Error of Mean (logged) | 0.415 | 95% H-UCL (KM -Log) | 0.519 |
| KM SD (logged) | 2.015 | 95% Critical H Value (KM-Log) | 3.855 |
| KM Standard Error of Mean (logged) | 0.415 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.252 | Mean in Log Scale | -3.139 |
| SD in Original Scale | 0.582 | SD in Log Scale | 2.108 |
| 95% t UCL (Assumes normality) | 0.427 | 95% H-Stat UCL | 1.816 |

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Gamma Distributed at 5% Significance Level**

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Adjusted Gamma UCL | 0.611 |

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**
**Please verify the data were collected from random locations.**
**If the data were collected using judgmental or other non-random methods,**
**then contact a statistician to correctly calculate UCLs.**

When a data set follows an approximate distribution passing only one of the GOF tests,
it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (cis-1,2-dichloroethene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 116 | Number of Distinct Observations | 72 |
| Number of Detects | 21 | Number of Non-Detects | 95 |
| Number of Distinct Detects | 18 | Number of Distinct Non-Detects | 56 |
| Minimum Detect | 2.1000E-4 | Minimum Non-Detect | 2.4000E-4 |
| Maximum Detect | 0.64 | Maximum Non-Detect | 1.5 |
| Variance Detects | 0.0194 | Percent Non-Detects | 81.9% |
| Mean Detects | 0.0412 | SD Detects | 0.139 |
| Median Detects | 0.0024 | CV Detects | 3.381 |
| Skewness Detects | 4.36 | Kurtosis Detects | 19.45 |
| Mean of Logged Detects | -5.586 | SD of Logged Detects | 1.935 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.318 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.873 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.412 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.219 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.00786 | KM Standard Error of Mean | 0.00576 |
| 90KM SD | 0.0603 | 95% KM (BCA) UCL | 0.0192 |
| 95% KM (t) UCL | 0.0174 | 95% KM (Percentile Bootstrap) UCL | 0.0191 |
| 95% KM (z) UCL | 0.0173 | 95% KM Bootstrap t UCL | 0.127 |
| 90% KM Chebyshev UCL | 0.0251 | 95% KM Chebyshev UCL | 0.033 |
| 97.5% KM Chebyshev UCL | 0.0438 | 99% KM Chebyshev UCL | 0.0652 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 2.771 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.851 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.319 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.206 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.289 | k star (bias corrected MLE) | 0.28 |
| Theta hat (MLE) | 0.143 | Theta star (bias corrected MLE) | 0.147 |
| nu hat (MLE) | 12.15 | nu star (bias corrected) | 11.75 |
| Mean (detects) | 0.0412 | | |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.1000E-4 | Mean | 0.0157 |
| Maximum | 0.64 | Median | 0.01 |
| SD | 0.0594 | CV | 3.794 |
| k hat (MLE) | 0.93 | k star (bias corrected MLE) | 0.912 |
| Theta hat (MLE) | 0.0168 | Theta star (bias corrected MLE) | 0.0172 |
| nu hat (MLE) | 215.8 | nu star (bias corrected) | 211.6 |
| Adjusted Level of Significance (β) | 0.0479 | | |
| Approximate Chi Square Value (211.56, α) | 178.9 | Adjusted Chi Square Value (211.56, β) | 178.5 |
| 95% Gamma Approximate UCL | 0.0185 | 95% Gamma Adjusted UCL | 0.0186 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.00786 | SD (KM) | 0.0603 |
| Variance (KM) | 0.00363 | SE of Mean (KM) | 0.00576 |
| k hat (KM) | 0.017 | k star (KM) | 0.0223 |
| nu hat (KM) | 3.949 | nu star (KM) | 5.18 |
| theta hat (KM) | 0.462 | theta star (KM) | 0.352 |
| 80% gamma percentile (KM) | 9.1991E-6 | 90% gamma percentile (KM) | 0.00181 |
| 95% gamma percentile (KM) | 0.0215 | 99% gamma percentile (KM) | 0.216 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.18, α) | 1.236 | Adjusted Chi Square Value (5.18, β) | 1.213 |
| 95% KM Approximate Gamma UCL | 0.0329 | 95% KM Adjusted Gamma UCL | 0.0336 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.913 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.923 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.202 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.173 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.00762 | Mean in Log Scale | -8.45 |
| SD in Original Scale | 0.0603 | SD in Log Scale | 1.811 |
| 95% t UCL (assumes normality of ROS data) | 0.0169 | 95% Percentile Bootstrap UCL | 0.0186 |
| 95% BCA Bootstrap UCL | 0.0287 | 95% Bootstrap t UCL | 0.0949 |
| 95% H-UCL (Log ROS) | 0.00186 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.731 | KM Geo Mean | 4.3908E-4 |
| KM SD (logged) | 1.427 | 95% Critical H Value (KM-Log) | 2.656 |
| KM Standard Error of Mean (logged) | 0.157 | 95% H-UCL (KM -Log) | 0.00173 |
| KM SD (logged) | 1.427 | 95% Critical H Value (KM-Log) | 2.656 |
| KM Standard Error of Mean (logged) | 0.157 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.0154 | Mean in Log Scale | -6.712 |
| SD in Original Scale | 0.0914 | SD in Log Scale | 1.582 |
| 95% t UCL (Assumes normality) | 0.0295 | 95% H-Stat UCL | 0.00646 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.0174 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (cobalt)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 112 |
| Number of Detects | 126 | Number of Non-Detects | 2 |
| Number of Distinct Detects | 111 | Number of Distinct Non-Detects | 1 |
| Minimum Detect | 0.991 | Minimum Non-Detect | 0.971 |
| Maximum Detect | 49.9 | Maximum Non-Detect | 0.971 |
| Variance Detects | 37.71 | Percent Non-Detects | 1.563% |
| Mean Detects | 8.269 | SD Detects | 6.141 |
| Median Detects | 7.225 | CV Detects | 0.743 |
| Skewness Detects | 3.719 | Kurtosis Detects | 19.83 |
| Mean of Logged Detects | 1.934 | SD of Logged Detects | 0.588 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.702 | **Normal GOF Test on Detected Observations Only** |

| | | |
|---|---|---|
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.183 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.0917 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 8.155 | KM Standard Error of Mean | 0.544 |
| 90KM SD | 6.136 | 95% KM (BCA) UCL | 9.137 |
| 95% KM (t) UCL | 9.057 | 95% KM (Percentile Bootstrap) UCL | 9.079 |
| 95% KM (z) UCL | 9.05 | 95% KM Bootstrap t UCL | 9.314 |
| 90% KM Chebyshev UCL | 9.788 | 95% KM Chebyshev UCL | 10.53 |
| 97.5% KM Chebyshev UCL | 11.55 | 99% KM Chebyshev UCL | 13.57 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.497 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.759 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.0918 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0833 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 2.957 | k star (bias corrected MLE) | 2.892 |
| Theta hat (MLE) | 2.796 | Theta star (bias corrected MLE) | 2.859 |
| nu hat (MLE) | 745.1 | nu star (bias corrected) | 728.7 |
| Mean (detects) | 8.269 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 8.14 |
| Maximum | 49.9 | Median | 7.21 |
| SD | 6.179 | CV | 0.759 |
| k hat (MLE) | 2.038 | k star (bias corrected MLE) | 1.995 |
| Theta hat (MLE) | 3.994 | Theta star (bias corrected MLE) | 4.079 |
| nu hat (MLE) | 521.7 | nu star (bias corrected) | 510.8 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (510.83, α) | 459.4 | Adjusted Chi Square Value (510.83, β) | 458.9 |
| 95% Gamma Approximate UCL | 9.05 | 95% Gamma Adjusted UCL | 9.061 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 8.155 | SD (KM) | 6.136 |
| Variance (KM) | 37.65 | SE of Mean (KM) | 0.544 |

| | | | |
|---|---|---|---|
| k hat (KM) | 1.766 | k star (KM) | 1.73 |
| nu hat (KM) | 452.2 | nu star (KM) | 442.9 |
| theta hat (KM) | 4.617 | theta star (KM) | 4.713 |
| 80% gamma percentile (KM) | 12.42 | 90% gamma percentile (KM) | 16.42 |
| 95% gamma percentile (KM) | 20.26 | 99% gamma percentile (KM) | 28.88 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (442.92, α) | 395.1 | Adjusted Chi Square Value (442.92, β) | 394.6 |
| 95% KM Approximate Gamma UCL | 9.141 | 95% KM Adjusted Gamma UCL | 9.153 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.983 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 0.616 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.0674 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.0725 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 8.163 | Mean in Log Scale | 1.91 |
| SD in Original Scale | 6.15 | SD in Log Scale | 0.614 |
| 95% t UCL (assumes normality of ROS data) | 9.064 | 95% Percentile Bootstrap UCL | 9.073 |
| 95% BCA Bootstrap UCL | 9.235 | 95% Bootstrap t UCL | 9.32 |
| 95% H-UCL (Log ROS) | 9.039 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 1.903 | KM Geo Mean | 6.708 |
| KM SD (logged) | 0.63 | 95% Critical H Value (KM-Log) | 1.903 |
| KM Standard Error of Mean (logged) | 0.0559 | 95% H-UCL (KM -Log) | 9.101 |
| KM SD (logged) | 0.63 | 95% Critical H Value (KM-Log) | 1.903 |
| KM Standard Error of Mean (logged) | 0.0559 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 8.147 | Mean in Log Scale | 1.892 |
| SD in Original Scale | 6.169 | SD in Log Scale | 0.671 |
| 95% t UCL (Assumes normality) | 9.05 | 95% H-Stat UCL | 9.322 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| KM H-UCL | 9.101 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (copper)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 113 |
| Number of Detects | 127 | Number of Non-Detects | 1 |
| Number of Distinct Detects | 112 | Number of Distinct Non-Detects | 1 |
| Minimum Detect | 1.13 | Minimum Non-Detect | 0.971 |
| Maximum Detect | 1250 | Maximum Non-Detect | 0.971 |
| Variance Detects | 25725 | Percent Non-Detects | 0.781% |
| Mean Detects | 50.77 | SD Detects | 160.4 |
| Median Detects | 21.9 | CV Detects | 3.159 |
| Skewness Detects | 6.259 | Kurtosis Detects | 39.76 |
| Mean of Logged Detects | 3.039 | SD of Logged Detects | 1.017 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.257 | **Normal GOF Test on Detected Observations Only** |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.397 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.0913 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 50.38 | KM Standard Error of Mean | 14.13 |
| 90KM SD | 159.2 | 95% KM (BCA) UCL | 77.17 |
| 95% KM (t) UCL | 73.78 | 95% KM (Percentile Bootstrap) UCL | 75.66 |
| 95% KM (z) UCL | 73.61 | 95% KM Bootstrap t UCL | 88.56 |
| 90% KM Chebyshev UCL | 92.76 | 95% KM Chebyshev UCL | 112 |
| 97.5% KM Chebyshev UCL | 138.6 | 99% KM Chebyshev UCL | 190.9 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 13.71 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.802 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.268 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0861 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.683 | k star (bias corrected MLE) | 0.672 |
| Theta hat (MLE) | 74.34 | Theta star (bias corrected MLE) | 75.54 |
| nu hat (MLE) | 173.5 | nu star (bias corrected) | 170.7 |
| Mean (detects) | 50.77 | | |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 50.37 |
| Maximum | 1250 | Median | 21.85 |
| SD | 159.8 | CV | 3.173 |
| k hat (MLE) | 0.65 | k star (bias corrected MLE) | 0.64 |
| Theta hat (MLE) | 77.52 | Theta star (bias corrected MLE) | 78.73 |
| nu hat (MLE) | 166.3 | nu star (bias corrected) | 163.8 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (163.78, α) | 135.2 | Adjusted Chi Square Value (163.78, β) | 134.9 |
| 95% Gamma Approximate UCL | 61.02 | 95% Gamma Adjusted UCL | 61.16 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 50.38 | SD (KM) | 159.2 |
| Variance (KM) | 25343 | SE of Mean (KM) | 14.13 |
| k hat (KM) | 0.1 | k star (KM) | 0.103 |
| nu hat (KM) | 25.64 | nu star (KM) | 26.37 |
| theta hat (KM) | 503 | theta star (KM) | 489.1 |
| 80% gamma percentile (KM) | 36.46 | 90% gamma percentile (KM) | 135.7 |
| 95% gamma percentile (KM) | 291.9 | 99% gamma percentile (KM) | 788.4 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (26.37, α) | 15.66 | Adjusted Chi Square Value (26.37, β) | 15.57 |
| 95% KM Approximate Gamma UCL | 84.81 | 95% KM Adjusted Gamma UCL | 85.32 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.917 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk P Value | 4.0813E-9 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.123 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.0723 | Detected Data Not Lognormal at 10% Significance Level |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 50.38 | Mean in Log Scale | 3.018 |
| SD in Original Scale | 159.8 | SD in Log Scale | 1.041 |
| 95% t UCL (assumes normality of ROS data) | 73.79 | 95% Percentile Bootstrap UCL | 75.87 |
| 95% BCA Bootstrap UCL | 83.28 | 95% Bootstrap t UCL | 87.87 |
| 95% H-UCL (Log ROS) | 43.2 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 3.015 | KM Geo Mean | 20.39 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 1.045 | 95% Critical H Value (KM-Log) | 2.231 |
| KM Standard Error of Mean (logged) | 0.0927 | 95% H-UCL (KM -Log) | 43.29 |
| KM SD (logged) | 1.045 | 95% Critical H Value (KM-Log) | 2.231 |
| KM Standard Error of Mean (logged) | 0.0927 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 50.37 | Mean in Log Scale | 3.01 |
| SD in Original Scale | 159.8 | SD in Log Scale | 1.066 |
| 95% t UCL (Assumes normality) | 73.78 | 95% H-Stat UCL | 44.32 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 73.78 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (ethylbenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 88 |
| Number of Detects | 61 | Number of Non-Detects | 91 |
| Number of Distinct Detects | 52 | Number of Distinct Non-Detects | 42 |
| Minimum Detect | 2.1000E-4 | Minimum Non-Detect | 1.6000E-4 |
| Maximum Detect | 110 | Maximum Non-Detect | 0.0085 |
| Variance Detects | 240.5 | Percent Non-Detects | 59.87% |
| Mean Detects | 2.968 | SD Detects | 15.51 |
| Median Detects | 0.0013 | CV Detects | 5.226 |
| Skewness Detects | 6.207 | Kurtosis Detects | 40.48 |
| Mean of Logged Detects | -5.375 | SD of Logged Detects | 3.061 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.215 | **Normal GOF Test on Detected Observations Only** | |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level | |

| | | | |
|---|---|---|---|
| Lilliefors Test Statistic | 0.485 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.131 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 1.191 | KM Standard Error of Mean | 0.806 |
| 90KM SD | 9.851 | 95% KM (BCA) UCL | 2.548 |
| 95% KM (t) UCL | 2.524 | 95% KM (Percentile Bootstrap) UCL | 2.625 |
| 95% KM (z) UCL | 2.516 | 95% KM Bootstrap t UCL | 12.22 |
| 90% KM Chebyshev UCL | 3.608 | 95% KM Chebyshev UCL | 4.703 |
| 97.5% KM Chebyshev UCL | 6.223 | 99% KM Chebyshev UCL | 9.207 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 13.18 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.989 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.351 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.13 | Detected Data Not Gamma Distributed at 5% Significance Level | |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.122 | k star (bias corrected MLE) | 0.127 |
| Theta hat (MLE) | 24.25 | Theta star (bias corrected MLE) | 23.31 |
| nu hat (MLE) | 14.93 | nu star (bias corrected) | 15.53 |
| Mean (detects) | 2.968 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.1000E-4 | Mean | 1.197 |
| Maximum | 110 | Median | 0.01 |
| SD | 9.883 | CV | 8.257 |
| k hat (MLE) | 0.151 | k star (bias corrected MLE) | 0.152 |
| Theta hat (MLE) | 7.938 | Theta star (bias corrected MLE) | 7.865 |
| nu hat (MLE) | 45.84 | nu star (bias corrected) | 46.26 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (46.26, α) | 31.66 | Adjusted Chi Square Value (46.26, β) | 31.54 |
| 95% Gamma Approximate UCL | 1.749 | 95% Gamma Adjusted UCL | 1.756 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 1.191 | SD (KM) | 9.851 |
| Variance (KM) | 97.05 | SE of Mean (KM) | 0.806 |
| k hat (KM) | 0.0146 | k star (KM) | 0.0187 |

| | | | |
|---|---|---|---|
| nu hat (KM) | 4.444 | nu star (KM) | 5.69 |
| theta hat (KM) | 81.48 | theta star (KM) | 63.64 |
| 80% gamma percentile (KM) | 2.4079E-4 | 90% gamma percentile (KM) | 0.131 |
| 95% gamma percentile (KM) | 2.43 | 99% gamma percentile (KM) | 33.51 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.69, α) | 1.483 | Adjusted Chi Square Value (5.69, β) | 1.463 |
| 95% KM Approximate Gamma UCL | 4.569 | 95% KM Adjusted Gamma UCL | 4.631 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.765 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 8.390E-13 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.264 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.104 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 1.191 | Mean in Log Scale | -9.28 |
| SD in Original Scale | 9.884 | SD in Log Scale | 4.062 |
| 95% t UCL (assumes normality of ROS data) | 2.518 | 95% Percentile Bootstrap UCL | 2.671 |
| 95% BCA Bootstrap UCL | 3.694 | 95% Bootstrap t UCL | 12.23 |
| 95% H-UCL (Log ROS) | 2.597 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.224 | KM Geo Mean | 7.2885E-4 |
| KM SD (logged) | 2.492 | 95% Critical H Value (KM-Log) | 3.913 |
| KM Standard Error of Mean (logged) | 0.208 | 95% H-UCL (KM -Log) | 0.0359 |
| KM SD (logged) | 2.492 | 95% Critical H Value (KM-Log) | 3.913 |
| KM Standard Error of Mean (logged) | 0.208 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 1.191 | Mean in Log Scale | -6.99 |
| SD in Original Scale | 9.884 | SD in Log Scale | 2.541 |
| 95% t UCL (Assumes normality) | 2.518 | 95% H-Stat UCL | 0.0529 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 2.524 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Please verify the data were collected from random locations.

If the data were collected using judgmental or other non-random methods,

then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (fluoranthene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 23 |
| Number of Detects | 18 | Number of Non-Detects | 14 |
| Number of Distinct Detects | 18 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 9.9000E-4 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 3 | Maximum Non-Detect | 2 |
| Variance Detects | 0.486 | Percent Non-Detects | 43.75% |
| Mean Detects | 0.264 | SD Detects | 0.697 |
| Median Detects | 0.029 | CV Detects | 2.641 |
| Skewness Detects | 3.972 | Kurtosis Detects | 16.33 |
| Mean of Logged Detects | -3.521 | SD of Logged Detects | 2.33 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.403 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.858 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.353 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.235 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.166 | KM Standard Error of Mean | 0.096 |
| 90KM SD | 0.524 | 95% KM (BCA) UCL | 0.353 |
| 95% KM (t) UCL | 0.328 | 95% KM (Percentile Bootstrap) UCL | 0.342 |
| 95% KM (z) UCL | 0.324 | 95% KM Bootstrap t UCL | 0.779 |
| 90% KM Chebyshev UCL | 0.454 | 95% KM Chebyshev UCL | 0.584 |
| 97.5% KM Chebyshev UCL | 0.765 | 99% KM Chebyshev UCL | 1.121 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.992 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.839 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.208 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.22 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data follow Appr. Gamma Distribution at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.313 | k star (bias corrected MLE) | 0.298 |
| Theta hat (MLE) | 0.843 | Theta star (bias corrected MLE) | 0.886 |
| nu hat (MLE) | 11.26 | nu star (bias corrected) | 10.72 |
| Mean (detects) | 0.264 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 9.9000E-4 | Mean | 0.162 |
| Maximum | 3 | Median | 0.01 |
| SD | 0.53 | CV | 3.268 |
| k hat (MLE) | 0.338 | k star (bias corrected MLE) | 0.327 |
| Theta hat (MLE) | 0.481 | Theta star (bias corrected MLE) | 0.496 |
| nu hat (MLE) | 21.61 | nu star (bias corrected) | 20.92 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (20.92, α) | 11.53 | Adjusted Chi Square Value (20.92, β) | 11.16 |
| 95% Gamma Approximate UCL | 0.294 | 95% Gamma Adjusted UCL | 0.304 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.166 | SD (KM) | 0.524 |
| Variance (KM) | 0.274 | SE of Mean (KM) | 0.096 |
| k hat (KM) | 0.1 | k star (KM) | 0.111 |
| nu hat (KM) | 6.401 | nu star (KM) | 7.134 |
| theta hat (KM) | 1.656 | theta star (KM) | 1.486 |
| 80% gamma percentile (KM) | 0.133 | 90% gamma percentile (KM) | 0.459 |
| 95% gamma percentile (KM) | 0.953 | 99% gamma percentile (KM) | 2.491 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (7.13, α) | 2.244 | Adjusted Chi Square Value (7.13, β) | 2.1 |
| 95% KM Approximate Gamma UCL | 0.527 | 95% KM Adjusted Gamma UCL | 0.563 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.93 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.914 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.2 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.185 | Detected Data Not Lognormal at 10% Significance Level | |

**Detected Data appear Approximate Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.155 | Mean in Log Scale | -4.083 |
| SD in Original Scale | 0.531 | SD in Log Scale | 1.994 |
| 95% t UCL (assumes normality of ROS data) | 0.315 | 95% Percentile Bootstrap UCL | 0.33 |

| | | | |
|---|---|---|---|
| 95% BCA Bootstrap UCL | 0.444 | 95% Bootstrap t UCL | 0.855 |
| 95% H-UCL (Log ROS) | 0.484 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.163 | KM Geo Mean | 0.0156 |
| KM SD (logged) | 2.127 | 95% Critical H Value (KM-Log) | 4.026 |
| KM Standard Error of Mean (logged) | 0.44 | 95% H-UCL (KM -Log) | 0.695 |
| KM SD (logged) | 2.127 | 95% Critical H Value (KM-Log) | 4.026 |
| KM Standard Error of Mean (logged) | 0.44 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.252 | Mean in Log Scale | -3.183 |
| SD in Original Scale | 0.551 | SD in Log Scale | 2.192 |
| 95% t UCL (Assumes normality) | 0.418 | 95% H-Stat UCL | 2.322 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Adjusted Gamma UCL | 0.563 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

When a data set follows an approximate distribution passing only one of the GOF tests,
it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (fluorene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 10 |
| Number of Detects | 4 | Number of Non-Detects | 28 |
| Number of Distinct Detects | 4 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 0.035 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 0.96 | Maximum Non-Detect | 2 |
| Variance Detects | 0.189 | Percent Non-Detects | 87.5% |
| Mean Detects | 0.317 | SD Detects | 0.435 |

| | | | |
|---|---|---|---|
| Median Detects | 0.136 | CV Detects | 1.374 |
| Skewness Detects | 1.847 | Kurtosis Detects | 3.433 |
| Mean of Logged Detects | -1.912 | SD of Logged Detects | 1.438 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.762 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.687 | Detected Data appear Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.356 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.413 | Detected Data appear Normal at 1% Significance Level |

Detected Data appear Normal at 1% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.0594 | KM Standard Error of Mean | 0.0408 |
| 90KM SD | 0.182 | 95% KM (BCA) UCL | N/A |
| 95% KM (t) UCL | 0.129 | 95% KM (Percentile Bootstrap) UCL | N/A |
| 95% KM (z) UCL | 0.127 | 95% KM Bootstrap t UCL | N/A |
| 90% KM Chebyshev UCL | 0.182 | 95% KM Chebyshev UCL | 0.237 |
| 97.5% KM Chebyshev UCL | 0.314 | 99% KM Chebyshev UCL | 0.466 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.341 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.67 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.244 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.405 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data appear Gamma Distributed at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.782 | k star (bias corrected MLE) | 0.362 |
| Theta hat (MLE) | 0.405 | Theta star (bias corrected MLE) | 0.874 |
| nu hat (MLE) | 6.254 | nu star (bias corrected) | 2.897 |
| Mean (detects) | 0.317 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.0483 |
| Maximum | 0.96 | Median | 0.01 |
| SD | 0.17 | CV | 3.519 |
| k hat (MLE) | 0.511 | k star (bias corrected MLE) | 0.484 |
| Theta hat (MLE) | 0.0945 | Theta star (bias corrected MLE) | 0.0998 |

| | | | |
|---|---|---|---|
| nu hat (MLE) | 32.71 | nu star (bias corrected) | 30.98 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (30.98, α) | 19.26 | Adjusted Chi Square Value (30.98, β) | 18.77 |
| 95% Gamma Approximate UCL | 0.0777 | 95% Gamma Adjusted UCL | N/A |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.0594 | SD (KM) | 0.182 |
| Variance (KM) | 0.033 | SE of Mean (KM) | 0.0408 |
| k hat (KM) | 0.107 | k star (KM) | 0.118 |
| nu hat (KM) | 6.845 | nu star (KM) | 7.537 |
| theta hat (KM) | 0.556 | theta star (KM) | 0.505 |
| 80% gamma percentile (KM) | 0.051 | 90% gamma percentile (KM) | 0.168 |
| 95% gamma percentile (KM) | 0.34 | 99% gamma percentile (KM) | 0.869 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (7.54, α) | 2.47 | Adjusted Chi Square Value (7.54, β) | 2.317 |
| 95% KM Approximate Gamma UCL | 0.181 | 95% KM Adjusted Gamma UCL | 0.193 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.967 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.792 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.195 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.346 | Detected Data appear Lognormal at 10% Significance Level |

Detected Data appear Lognormal at 10% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.0436 | Mean in Log Scale | -6.148 |
| SD in Original Scale | 0.171 | SD in Log Scale | 2.416 |
| 95% t UCL (assumes normality of ROS data) | 0.0949 | 95% Percentile Bootstrap UCL | 0.0994 |
| 95% BCA Bootstrap UCL | 0.14 | 95% Bootstrap t UCL | 0.485 |
| 95% H-UCL (Log ROS) | 0.277 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.108 | KM Geo Mean | 0.0164 |
| KM SD (logged) | 1.127 | 95% Critical H Value (KM-Log) | 2.586 |
| KM Standard Error of Mean (logged) | 0.275 | 95% H-UCL (KM -Log) | 0.0524 |
| KM SD (logged) | 1.127 | 95% Critical H Value (KM-Log) | 2.586 |
| KM Standard Error of Mean (logged) | 0.275 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.193 | Mean in Log Scale | -2.996 |
| SD in Original Scale | 0.267 | SD in Log Scale | 1.898 |

| | | | |
|---|---|---|---|
| 95% t UCL (Assumes normality) | 0.273 | 95% H-Stat UCL | 1.059 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Normal Distributed at 1% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.129 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (indeno(1,2,3-c,d)pyrene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 12 |
| Number of Detects | 6 | Number of Non-Detects | 26 |
| Number of Distinct Detects | 6 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 0.002 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 2.5 | Maximum Non-Detect | 2 |
| Variance Detects | 0.986 | Percent Non-Detects | 81.25% |
| Mean Detects | 0.483 | SD Detects | 0.993 |
| Median Detects | 0.0697 | CV Detects | 2.057 |
| Skewness Detects | 2.397 | Kurtosis Detects | 5.792 |
| Mean of Logged Detects | -3.112 | SD of Logged Detects | 2.724 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.576 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.713 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.426 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.373 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.102 | KM Standard Error of Mean | 0.0847 |
| 90KM SD | 0.435 | 95% KM (BCA) UCL | 0.264 |
| 95% KM (t) UCL | 0.246 | 95% KM (Percentile Bootstrap) UCL | 0.256 |
| 95% KM (z) UCL | 0.242 | 95% KM Bootstrap t UCL | 0.945 |
| 90% KM Chebyshev UCL | 0.356 | 95% KM Chebyshev UCL | 0.471 |

| | | | |
|---|---|---|---|
| 97.5% KM Chebyshev UCL | 0.631 | 99% KM Chebyshev UCL | 0.945 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.44 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.77 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.253 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.357 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data appear Gamma Distributed at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.291 | k star (bias corrected MLE) | 0.257 |
| Theta hat (MLE) | 1.66 | Theta star (bias corrected MLE) | 1.882 |
| nu hat (MLE) | 3.489 | nu star (bias corrected) | 3.078 |
| Mean (detects) | 0.483 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.002 | Mean | 0.113 |
| Maximum | 2.5 | Median | 0.01 |
| SD | 0.441 | CV | 3.888 |
| k hat (MLE) | 0.352 | k star (bias corrected MLE) | 0.34 |
| Theta hat (MLE) | 0.322 | Theta star (bias corrected MLE) | 0.334 |
| nu hat (MLE) | 22.54 | nu star (bias corrected) | 21.76 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (21.76, α) | 12.16 | Adjusted Chi Square Value (21.76, β) | 11.77 |
| 95% Gamma Approximate UCL | 0.203 | 95% Gamma Adjusted UCL | 0.21 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.102 | SD (KM) | 0.435 |
| Variance (KM) | 0.189 | SE of Mean (KM) | 0.0847 |
| k hat (KM) | 0.0554 | k star (KM) | 0.071 |
| nu hat (KM) | 3.543 | nu star (KM) | 4.544 |
| theta hat (KM) | 1.847 | theta star (KM) | 1.44 |
| 80% gamma percentile (KM) | 0.0378 | 90% gamma percentile (KM) | 0.223 |
| 95% gamma percentile (KM) | 0.589 | 99% gamma percentile (KM) | 1.915 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (4.54, α) | 0.948 | Adjusted Chi Square Value (4.54, β) | 0.865 |
| 95% KM Approximate Gamma UCL | 0.49 | 95% KM Adjusted Gamma UCL | 0.537 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.941 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.826 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.216 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.298 | Detected Data appear Lognormal at 10% Significance Level |

Detected Data appear Lognormal at 10% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.102 | Mean in Log Scale | -4.797 |
| SD in Original Scale | 0.44 | SD in Log Scale | 1.908 |
| 95% t UCL (assumes normality of ROS data) | 0.234 | 95% Percentile Bootstrap UCL | 0.254 |
| 95% BCA Bootstrap UCL | 0.338 | 95% Bootstrap t UCL | 1.62 |
| 95% H-UCL (Log ROS) | 0.181 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.815 | KM Geo Mean | 0.00811 |
| KM SD (logged) | 1.629 | 95% Critical H Value (KM-Log) | 3.275 |
| KM Standard Error of Mean (logged) | 0.487 | 95% H-UCL (KM -Log) | 0.0796 |
| KM SD (logged) | 1.629 | 95% Critical H Value (KM-Log) | 3.275 |
| KM Standard Error of Mean (logged) | 0.487 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.252 | Mean in Log Scale | -2.966 |
| SD in Original Scale | 0.473 | SD in Log Scale | 2.034 |
| 95% t UCL (Assumes normality) | 0.393 | 95% H-Stat UCL | 1.685 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM Adjusted Gamma UCL | 0.537 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (isopropylbenzene (cumene))**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 75 |
| Number of Detects | 19 | Number of Non-Detects | 133 |
| Number of Distinct Detects | 18 | Number of Distinct Non-Detects | 60 |
| Minimum Detect | 3.4000E-4 | Minimum Non-Detect | 2.0000E-4 |
| Maximum Detect | 14 | Maximum Non-Detect | 0.05 |
| Variance Detects | 11.22 | Percent Non-Detects | 87.5% |
| Mean Detects | 1.118 | SD Detects | 3.35 |
| Median Detects | 0.004 | CV Detects | 2.996 |
| Skewness Detects | 3.617 | Kurtosis Detects | 13.59 |
| Mean of Logged Detects | -4.356 | SD of Logged Detects | 3.298 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.391 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.863 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.415 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.229 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.14 | KM Standard Error of Mean | 0.101 |
| 90KM SD | 1.211 | 95% KM (BCA) UCL | 0.316 |
| 95% KM (t) UCL | 0.307 | 95% KM (Percentile Bootstrap) UCL | 0.324 |
| 95% KM (z) UCL | 0.306 | 95% KM Bootstrap t UCL | 2.875 |
| 90% KM Chebyshev UCL | 0.443 | 95% KM Chebyshev UCL | 0.58 |
| 97.5% KM Chebyshev UCL | 0.77 | 99% KM Chebyshev UCL | 1.144 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 2.184 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.92 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.299 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.222 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.169 | k star (bias corrected MLE) | 0.177 |
| Theta hat (MLE) | 6.617 | Theta star (bias corrected MLE) | 6.304 |
| nu hat (MLE) | 6.423 | nu star (bias corrected) | 6.742 |
| Mean (detects) | 1.118 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 3.4000E-4 | Mean | 0.149 |
| Maximum | 14 | Median | 0.01 |
| SD | 1.214 | CV | 8.171 |
| k hat (MLE) | 0.264 | k star (bias corrected MLE) | 0.263 |
| Theta hat (MLE) | 0.563 | Theta star (bias corrected MLE) | 0.565 |
| nu hat (MLE) | 80.25 | nu star (bias corrected) | 80 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (80.00, α) | 60.39 | Adjusted Chi Square Value (80.00, β) | 60.23 |
| 95% Gamma Approximate UCL | 0.197 | 95% Gamma Adjusted UCL | 0.197 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.14 | SD (KM) | 1.211 |
| Variance (KM) | 1.466 | SE of Mean (KM) | 0.101 |
| k hat (KM) | 0.0134 | k star (KM) | 0.0175 |
| nu hat (KM) | 4.067 | nu star (KM) | 5.32 |
| theta hat (KM) | 10.47 | theta star (KM) | 8.002 |
| 80% gamma percentile (KM) | 1.3227E-5 | 90% gamma percentile (KM) | 0.0111 |
| 95% gamma percentile (KM) | 0.251 | 99% gamma percentile (KM) | 3.958 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.32, α) | 1.303 | Adjusted Chi Square Value (5.32, β) | 1.285 |
| 95% KM Approximate Gamma UCL | 0.572 | 95% KM Adjusted Gamma UCL | 0.58 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.876 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.917 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.217 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.18 | Detected Data Not Lognormal at 10% Significance Level |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.14 | Mean in Log Scale | -14.94 |
| SD in Original Scale | 1.215 | SD in Log Scale | 5.193 |
| 95% t UCL (assumes normality of ROS data) | 0.303 | 95% Percentile Bootstrap UCL | 0.324 |
| 95% BCA Bootstrap UCL | 0.462 | 95% Bootstrap t UCL | 1.754 |
| 95% H-UCL (Log ROS) | 5.675 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.898 | KM Geo Mean | 3.7146E-4 |
| KM SD (logged) | 1.804 | 95% Critical H Value (KM-Log) | 3.062 |
| KM Standard Error of Mean (logged) | 0.157 | 95% H-UCL (KM -Log) | 0.00297 |

| | | | |
|---|---|---|---|
| KM SD (logged) | 1.804 | 95% Critical H Value (KM-Log) | 3.062 |
| KM Standard Error of Mean (logged) | 0.157 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.141 | Mean in Log Scale | -7.065 |
| SD in Original Scale | 1.215 | SD in Log Scale | 2.006 |
| 95% t UCL (Assumes normality) | 0.304 | 95% H-Stat UCL | 0.011 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 0.307

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (lead)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 203 | Number of Distinct Observations | 167 |
| Number of Detects | 164 | Number of Non-Detects | 39 |
| Number of Distinct Detects | 150 | Number of Distinct Non-Detects | 17 |
| Minimum Detect | 2.17 | Minimum Non-Detect | 0.417 |
| Maximum Detect | 26000 | Maximum Non-Detect | 5.26 |
| Variance Detects | 8935525 | Percent Non-Detects | 19.21% |
| Mean Detects | 737.6 | SD Detects | 2989 |
| Median Detects | 15.15 | CV Detects | 4.053 |
| Skewness Detects | 6.262 | Kurtosis Detects | 43.45 |
| Mean of Logged Detects | 3.602 | SD of Logged Detects | 2.181 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.282 | **Normal GOF Test on Detected Observations Only** | |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.403 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.0805 | Detected Data Not Normal at 1% Significance Level | |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 596.4 | KM Standard Error of Mean | 189.7 |
| 90KM SD | 2694 | 95% KM (BCA) UCL | 968.5 |
| 95% KM (t) UCL | 909.9 | 95% KM (Percentile Bootstrap) UCL | 941.3 |
| 95% KM (z) UCL | 908.4 | 95% KM Bootstrap t UCL | 1153 |
| 90% KM Chebyshev UCL | 1165 | 95% KM Chebyshev UCL | 1423 |
| 97.5% KM Chebyshev UCL | 1781 | 99% KM Chebyshev UCL | 2484 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 20.77 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.9 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.262 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.0803 | Detected Data Not Gamma Distributed at 5% Significance Level | |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.238 | k star (bias corrected MLE) | 0.238 |
| Theta hat (MLE) | 3093 | Theta star (bias corrected MLE) | 3096 |
| nu hat (MLE) | 78.23 | nu star (bias corrected) | 78.13 |
| Mean (detects) | 737.6 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 595.9 |
| Maximum | 26000 | Median | 9.5 |
| SD | 2701 | CV | 4.533 |
| k hat (MLE) | 0.172 | k star (bias corrected MLE) | 0.173 |
| Theta hat (MLE) | 3454 | Theta star (bias corrected MLE) | 3440 |
| nu hat (MLE) | 70.03 | nu star (bias corrected) | 70.33 |
| Adjusted Level of Significance (β) | 0.0488 | | |
| Approximate Chi Square Value (70.33, α) | 52.02 | Adjusted Chi Square Value (70.33, β) | 51.91 |
| 95% Gamma Approximate UCL | 805.6 | 95% Gamma Adjusted UCL | 807.3 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 596.4 | SD (KM) | 2694 |
| Variance (KM) | 7258592 | SE of Mean (KM) | 189.7 |
| k hat (KM) | 0.049 | k star (KM) | 0.0516 |
| nu hat (KM) | 19.9 | nu star (KM) | 20.94 |
| theta hat (KM) | 12170 | theta star (KM) | 11566 |

| | | | |
|---|---|---|---|
| 80% gamma percentile (KM) | 90.04 | 90% gamma percentile (KM) | 947 |
| 95% gamma percentile (KM) | 3206 | 99% gamma percentile (KM) | 12815 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (20.94, α) | 11.54 | Adjusted Chi Square Value (20.94, β) | 11.49 |
| 95% KM Approximate Gamma UCL | 1082 | 95% KM Adjusted Gamma UCL | 1086 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.867 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 0 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.169 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.0637 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 596.1 | Mean in Log Scale | 2.877 |
| SD in Original Scale | 2701 | SD in Log Scale | 2.494 |
| 95% t UCL (assumes normality of ROS data) | 909.3 | 95% Percentile Bootstrap UCL | 935.2 |
| 95% BCA Bootstrap UCL | 986.7 | 95% Bootstrap t UCL | 1118 |
| 95% H-UCL (Log ROS) | 765.2 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 3.08 | KM Geo Mean | 21.76 |
| KM SD (logged) | 2.254 | 95% Critical H Value (KM-Log) | 3.44 |
| KM Standard Error of Mean (logged) | 0.162 | 95% H-UCL (KM -Log) | 475.9 |
| KM SD (logged) | 2.254 | 95% Critical H Value (KM-Log) | 3.44 |
| KM Standard Error of Mean (logged) | 0.162 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 596.3 | Mean in Log Scale | 3.062 |
| SD in Original Scale | 2701 | SD in Log Scale | 2.264 |
| 95% t UCL (Assumes normality) | 909.6 | 95% H-Stat UCL | 480 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 909.9

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,

then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (mercury)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 56 |
| Number of Detects | 47 | Number of Non-Detects | 81 |
| Number of Distinct Detects | 45 | Number of Distinct Non-Detects | 14 |
| Minimum Detect | 0.041 | Minimum Non-Detect | 0.0314 |
| Maximum Detect | 3.55 | Maximum Non-Detect | 0.14 |
| Variance Detects | 0.395 | Percent Non-Detects | 63.28% |
| Mean Detects | 0.337 | SD Detects | 0.628 |
| Median Detects | 0.116 | CV Detects | 1.865 |
| Skewness Detects | 3.815 | Kurtosis Detects | 16.28 |
| Mean of Logged Detects | -1.854 | SD of Logged Detects | 1.078 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.497 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.928 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.33 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.15 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.148 | KM Standard Error of Mean | 0.0361 |
| 90KM SD | 0.403 | 95% KM (BCA) UCL | 0.212 |
| 95% KM (t) UCL | 0.208 | 95% KM (Percentile Bootstrap) UCL | 0.213 |
| 95% KM (z) UCL | 0.207 | 95% KM Bootstrap t UCL | 0.271 |
| 90% KM Chebyshev UCL | 0.256 | 95% KM Chebyshev UCL | 0.305 |
| 97.5% KM Chebyshev UCL | 0.373 | 99% KM Chebyshev UCL | 0.507 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 3.848 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.79 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.255 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.134 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.777 | k star (bias corrected MLE) | 0.742 |
| Theta hat (MLE) | 0.433 | Theta star (bias corrected MLE) | 0.454 |

| | | | |
|---|---|---|---|
| nu hat (MLE) | 73.07 | nu star (bias corrected) | 69.74 |
| Mean (detects) | 0.337 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.13 |
| Maximum | 3.55 | Median | 0.01 |
| SD | 0.41 | CV | 3.153 |
| k hat (MLE) | 0.42 | k star (bias corrected MLE) | 0.415 |
| Theta hat (MLE) | 0.31 | Theta star (bias corrected MLE) | 0.313 |
| nu hat (MLE) | 107.5 | nu star (bias corrected) | 106.3 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (106.30, α) | 83.5 | Adjusted Chi Square Value (106.30, β) | 83.28 |
| 95% Gamma Approximate UCL | 0.166 | 95% Gamma Adjusted UCL | 0.166 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.148 | SD (KM) | 0.403 |
| Variance (KM) | 0.163 | SE of Mean (KM) | 0.0361 |
| k hat (KM) | 0.135 | k star (KM) | 0.137 |
| nu hat (KM) | 34.5 | nu star (KM) | 35.03 |
| theta hat (KM) | 1.099 | theta star (KM) | 1.082 |
| 80% gamma percentile (KM) | 0.149 | 90% gamma percentile (KM) | 0.433 |
| 95% gamma percentile (KM) | 0.829 | 99% gamma percentile (KM) | 2.002 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (35.03, α) | 22.49 | Adjusted Chi Square Value (35.03, β) | 22.37 |
| 95% KM Approximate Gamma UCL | 0.231 | 95% KM Adjusted Gamma UCL | 0.232 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.888 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.954 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.153 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.118 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.136 | Mean in Log Scale | -3.461 |
| SD in Original Scale | 0.409 | SD in Log Scale | 1.59 |
| 95% t UCL (assumes normality of ROS data) | 0.195 | 95% Percentile Bootstrap UCL | 0.2 |
| 95% BCA Bootstrap UCL | 0.219 | 95% Bootstrap t UCL | 0.246 |
| 95% H-UCL (Log ROS) | 0.165 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -2.774 | KM Geo Mean | 0.0624 |
| KM SD (logged) | 0.982 | 95% Critical H Value (KM-Log) | 2.175 |
| KM Standard Error of Mean (logged) | 0.0919 | 95% H-UCL (KM -Log) | 0.122 |
| KM SD (logged) | 0.982 | 95% Critical H Value (KM-Log) | 2.175 |
| KM Standard Error of Mean (logged) | 0.0919 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.146 | Mean in Log Scale | -2.883 |
| SD in Original Scale | 0.406 | SD in Log Scale | 1.096 |
| 95% t UCL (Assumes normality) | 0.205 | 95% H-Stat UCL | 0.127 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 0.208

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (methyl tert-butyl ether (mtbe))**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 116 | Number of Distinct Observations | 52 |
| Number of Detects | 5 | Number of Non-Detects | 111 |
| Number of Distinct Detects | 5 | Number of Distinct Non-Detects | 49 |
| Minimum Detect | 8.5000E-4 | Minimum Non-Detect | 1.4000E-4 |
| Maximum Detect | 0.015 | Maximum Non-Detect | 1.5 |
| Variance Detects | 3.8665E-5 | Percent Non-Detects | 95.69% |
| Mean Detects | 0.00557 | SD Detects | 0.00622 |
| Median Detects | 0.0017 | CV Detects | 1.116 |
| Skewness Detects | 1.109 | Kurtosis Detects | -0.43 |
| Mean of Logged Detects | -5.788 | SD of Logged Detects | 1.251 |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.813 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.686 | Detected Data appear Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.333 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.396 | Detected Data appear Normal at 1% Significance Level | |

Detected Data appear Normal at 1% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 5.0338E-4 | KM Standard Error of Mean | 1.9474E-4 |
| 90KM SD | 0.00166 | 95% KM (BCA) UCL | 8.2239E-4 |
| 95% KM (t) UCL | 8.2630E-4 | 95% KM (Percentile Bootstrap) UCL | 8.2619E-4 |
| 95% KM (z) UCL | 8.2370E-4 | 95% KM Bootstrap t UCL | 7.2803E-4 |
| 90% KM Chebyshev UCL | 0.00109 | 95% KM Chebyshev UCL | 0.00135 |
| 97.5% KM Chebyshev UCL | 0.00172 | 99% KM Chebyshev UCL | 0.00244 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 0.48 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.692 | Detected data appear Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.33 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.365 | Detected data appear Gamma Distributed at 5% Significance Level | |

Detected data appear Gamma Distributed at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.969 | k star (bias corrected MLE) | 0.521 |
| Theta hat (MLE) | 0.00575 | Theta star (bias corrected MLE) | 0.0107 |
| nu hat (MLE) | 9.694 | nu star (bias corrected) | 5.211 |
| Mean (detects) | 0.00557 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 8.5000E-4 | Mean | 0.00981 |
| Maximum | 0.015 | Median | 0.01 |
| SD | 0.00147 | CV | 0.15 |
| k hat (MLE) | 15.94 | k star (bias corrected MLE) | 15.53 |
| Theta hat (MLE) | 6.1556E-4 | Theta star (bias corrected MLE) | 6.3167E-4 |
| nu hat (MLE) | 3697 | nu star (bias corrected) | 3603 |
| Adjusted Level of Significance (β) | 0.0479 | | |
| Approximate Chi Square Value (N/A, α) | 3464 | Adjusted Chi Square Value (N/A, β) | 3462 |

| | | | |
|---|---|---|---|
| 95% Gamma Approximate UCL | 0.0102 | 95% Gamma Adjusted UCL | 0.0102 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 5.0338E-4 | SD (KM) | 0.00166 |
| Variance (KM) | 2.7495E-6 | SE of Mean (KM) | 1.9474E-4 |
| k hat (KM) | 0.0922 | k star (KM) | 0.0955 |
| nu hat (KM) | 21.38 | nu star (KM) | 22.16 |
| theta hat (KM) | 0.00546 | theta star (KM) | 0.00527 |
| 80% gamma percentile (KM) | 3.2614E-4 | 90% gamma percentile (KM) | 0.00131 |
| 95% gamma percentile (KM) | 0.00293 | 99% gamma percentile (KM) | 0.00818 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (22.16, α) | 12.46 | Adjusted Chi Square Value (22.16, β) | 12.37 |
| 95% KM Approximate Gamma UCL | 8.9536E-4 | 95% KM Adjusted Gamma UCL | 9.0200E-4 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.885 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.806 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.281 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.319 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Lognormal at 10% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 3.2604E-4 | Mean in Log Scale | -9.733 |
| SD in Original Scale | 0.00161 | SD in Log Scale | 1.407 |
| 95% t UCL (assumes normality of ROS data) | 5.7456E-4 | 95% Percentile Bootstrap UCL | 5.7879E-4 |
| 95% BCA Bootstrap UCL | 7.0151E-4 | 95% Bootstrap t UCL | 0.00188 |
| 95% H-UCL (Log ROS) | 2.2536E-4 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -8.501 | KM Geo Mean | 2.0324E-4 |
| KM SD (logged) | 0.921 | 95% Critical H Value (KM-Log) | 2.148 |
| KM Standard Error of Mean (logged) | 0.19 | 95% H-UCL (KM -Log) | 3.7369E-4 |
| KM SD (logged) | 0.921 | 95% Critical H Value (KM-Log) | 2.148 |
| KM Standard Error of Mean (logged) | 0.19 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.0147 | Mean in Log Scale | -6.494 |
| SD in Original Scale | 0.0838 | SD in Log Scale | 1.552 |
| 95% t UCL (Assumes normality) | 0.0276 | 95% H-Stat UCL | 0.00756 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Normal Distributed at 1% Significance Level**

**Suggested UCL to Use**

95% KM (t) UCL 8.2630E-4

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**

**Please verify the data were collected from random locations.**

**If the data were collected using judgmental or other non-random methods,**

**then contact a statistician to correctly calculate UCLs.**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (molybdenum)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 54 |
| Number of Detects | 23 | Number of Non-Detects | 105 |
| Number of Distinct Detects | 23 | Number of Distinct Non-Detects | 32 |
| Minimum Detect | 0.543 | Minimum Non-Detect | 0.476 |
| Maximum Detect | 480 | Maximum Non-Detect | 1.1 |
| Variance Detects | 10189 | Percent Non-Detects | 82.03% |
| Mean Detects | 35.39 | SD Detects | 100.9 |
| Median Detects | 3.54 | CV Detects | 2.852 |
| Skewness Detects | 4.253 | Kurtosis Detects | 19.06 |
| Mean of Logged Detects | 1.606 | SD of Logged Detects | 1.868 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.379 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.881 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.376 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.209 | Detected Data Not Normal at 1% Significance Level |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 6.752 | KM Standard Error of Mean | 3.971 |
| 90KM SD | 43.94 | 95% KM (BCA) UCL | 14.56 |
| 95% KM (t) UCL | 13.33 | 95% KM (Percentile Bootstrap) UCL | 14.14 |
| 95% KM (z) UCL | 13.28 | 95% KM Bootstrap t UCL | 32.72 |
| 90% KM Chebyshev UCL | 18.67 | 95% KM Chebyshev UCL | 24.06 |
| 97.5% KM Chebyshev UCL | 31.55 | 99% KM Chebyshev UCL | 46.26 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 2.079 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.839 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.241 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.196 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.344 | k star (bias corrected MLE) | 0.328 |
| Theta hat (MLE) | 102.9 | Theta star (bias corrected MLE) | 107.8 |
| nu hat (MLE) | 15.82 | nu star (bias corrected) | 15.09 |
| Mean (detects) | 35.39 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 6.367 |
| Maximum | 480 | Median | 0.01 |
| SD | 44.17 | CV | 6.937 |
| k hat (MLE) | 0.145 | k star (bias corrected MLE) | 0.146 |
| Theta hat (MLE) | 44.01 | Theta star (bias corrected MLE) | 43.46 |
| nu hat (MLE) | 37.04 | nu star (bias corrected) | 37.5 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (37.50, α) | 24.48 | Adjusted Chi Square Value (37.50, β) | 24.36 |
| 95% Gamma Approximate UCL | 9.753 | 95% Gamma Adjusted UCL | 9.801 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 6.752 | SD (KM) | 43.94 |
| Variance (KM) | 1931 | SE of Mean (KM) | 3.971 |
| k hat (KM) | 0.0236 | k star (KM) | 0.0283 |
| nu hat (KM) | 6.044 | nu star (KM) | 7.235 |
| theta hat (KM) | 286 | theta star (KM) | 238.9 |
| 80% gamma percentile (KM) | 0.0511 | 90% gamma percentile (KM) | 3.345 |
| 95% gamma percentile (KM) | 24.65 | 99% gamma percentile (KM) | 177 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (7.24, α) | 2.301 | Adjusted Chi Square Value (7.24, β) | 2.269 |
| 95% KM Approximate Gamma UCL | 21.23 | 95% KM Adjusted Gamma UCL | 21.53 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.909 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.928 | Detected Data Not Lognormal at 10% Significance Level |

| | | | |
|---|---|---|---|
| Lilliefors Test Statistic | 0.144 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.165 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Approximate Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 6.372 | Mean in Log Scale | -4.623 |
| SD in Original Scale | 44.17 | SD in Log Scale | 3.693 |
| 95% t UCL (assumes normality of ROS data) | 12.84 | 95% Percentile Bootstrap UCL | 13.86 |
| 95% BCA Bootstrap UCL | 17.87 | 95% Bootstrap t UCL | 31.04 |
| 95% H-UCL (Log ROS) | 53.15 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -0.317 | KM Geo Mean | 0.729 |
| KM SD (logged) | 1.188 | 95% Critical H Value (KM-Log) | 2.366 |
| KM Standard Error of Mean (logged) | 0.107 | 95% H-UCL (KM -Log) | 1.894 |
| KM SD (logged) | 1.188 | 95% Critical H Value (KM-Log) | 2.366 |
| KM Standard Error of Mean (logged) | 0.107 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 6.601 | Mean in Log Scale | -0.74 |
| SD in Original Scale | 44.14 | SD in Log Scale | 1.368 |
| 95% t UCL (Assumes normality) | 13.06 | 95% H-Stat UCL | 1.656 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| KM H-UCL | 1.894 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (naphthalene_pahs)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 10 |

| | | | |
|---|---|---|---|
| Number of Detects | 5 | Number of Non-Detects | 27 |
| Number of Distinct Detects | 5 | Number of Distinct Non-Detects | 6 |
| Minimum Detect | 0.0083 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 3 | Maximum Non-Detect | 2 |
| Variance Detects | 2.043 | Percent Non-Detects | 84.38% |
| Mean Detects | 1.16 | SD Detects | 1.429 |
| Median Detects | 0.37 | CV Detects | 1.233 |
| Skewness Detects | 0.662 | Kurtosis Detects | -2.71 |
| Mean of Logged Detects | -1.545 | SD of Logged Detects | 2.706 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.803 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.686 | Detected Data appear Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.31 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.396 | Detected Data appear Normal at 1% Significance Level |

Detected Data appear Normal at 1% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.197 | KM Standard Error of Mean | 0.13 |
| 90KM SD | 0.656 | 95% KM (BCA) UCL | 0.436 |
| 95% KM (t) UCL | 0.418 | 95% KM (Percentile Bootstrap) UCL | 0.416 |
| 95% KM (z) UCL | 0.412 | 95% KM Bootstrap t UCL | 0.78 |
| 90% KM Chebyshev UCL | 0.588 | 95% KM Chebyshev UCL | 0.766 |
| 97.5% KM Chebyshev UCL | 1.011 | 99% KM Chebyshev UCL | 1.494 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.396 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.726 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.247 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.376 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data appear Gamma Distributed at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.39 | k star (bias corrected MLE) | 0.289 |
| Theta hat (MLE) | 2.971 | Theta star (bias corrected MLE) | 4.007 |
| nu hat (MLE) | 3.903 | nu star (bias corrected) | 2.894 |
| Mean (detects) | 1.16 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0083 | Mean | 0.203 |
| Maximum | 3 | Median | 0.01 |
| SD | 0.666 | CV | 3.278 |
| k hat (MLE) | 0.291 | k star (bias corrected MLE) | 0.285 |
| Theta hat (MLE) | 0.698 | Theta star (bias corrected MLE) | 0.714 |
| nu hat (MLE) | 18.64 | nu star (bias corrected) | 18.23 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (18.23, α) | 9.557 | Adjusted Chi Square Value (18.23, β) | 9.221 |
| 95% Gamma Approximate UCL | 0.388 | 95% Gamma Adjusted UCL | 0.402 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.197 | SD (KM) | 0.656 |
| Variance (KM) | 0.43 | SE of Mean (KM) | 0.13 |
| k hat (KM) | 0.0905 | k star (KM) | 0.103 |
| nu hat (KM) | 5.793 | nu star (KM) | 6.583 |
| theta hat (KM) | 2.18 | theta star (KM) | 1.918 |
| 80% gamma percentile (KM) | 0.142 | 90% gamma percentile (KM) | 0.531 |
| 95% gamma percentile (KM) | 1.143 | 99% gamma percentile (KM) | 3.09 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (6.58, α) | 1.945 | Adjusted Chi Square Value (6.58, β) | 1.813 |
| 95% KM Approximate Gamma UCL | 0.668 | 95% KM Adjusted Gamma UCL | 0.716 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.877 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.806 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.214 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.319 | Detected Data appear Lognormal at 10% Significance Level |

**Detected Data appear Lognormal at 10% Significance Level**

Note GOF tests may be unreliable for small sample sizes

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.194 | Mean in Log Scale | -4.752 |
| SD in Original Scale | 0.665 | SD in Log Scale | 2.306 |
| 95% t UCL (assumes normality of ROS data) | 0.393 | 95% Percentile Bootstrap UCL | 0.387 |
| 95% BCA Bootstrap UCL | 0.458 | 95% Bootstrap t UCL | 1.945 |
| 95% H-UCL (Log ROS) | 0.733 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.161 | KM Geo Mean | 0.0156 |
| KM SD (logged) | 1.593 | 95% Critical H Value (KM-Log) | 3.224 |
| KM Standard Error of Mean (logged) | 0.351 | 95% H-UCL (KM -Log) | 0.139 |
| KM SD (logged) | 1.593 | 95% Critical H Value (KM-Log) | 3.224 |

| | |
|---|---|
| KM Standard Error of Mean (logged) | 0.351 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.342 | Mean in Log Scale | -2.733 |
| SD in Original Scale | 0.664 | SD in Log Scale | 2.072 |
| 95% t UCL (Assumes normality) | 0.541 | 95% H-Stat UCL | 2.412 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Normal Distributed at 1% Significance Level

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.418 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (naphthalene_voc)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 81 |
| Number of Detects | 29 | Number of Non-Detects | 123 |
| Number of Distinct Detects | 25 | Number of Distinct Non-Detects | 59 |
| Minimum Detect | 1.5000E-4 | Minimum Non-Detect | 0.0028 |
| Maximum Detect | 17 | Maximum Non-Detect | 0.42 |
| Variance Detects | 11.87 | Percent Non-Detects | 80.92% |
| Mean Detects | 1.046 | SD Detects | 3.446 |
| Median Detects | 6.6000E-4 | CV Detects | 3.296 |
| Skewness Detects | 4.025 | Kurtosis Detects | 17.41 |
| Mean of Logged Detects | -5.975 | SD of Logged Detects | 3.491 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.355 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.898 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.446 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.189 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.2 | KM Standard Error of Mean | 0.127 |
| 90KM SD | 1.535 | 95% KM (BCA) UCL | 0.455 |
| 95% KM (t) UCL | 0.41 | 95% KM (Percentile Bootstrap) UCL | 0.427 |
| 95% KM (z) UCL | 0.408 | 95% KM Bootstrap t UCL | 0.713 |
| 90% KM Chebyshev UCL | 0.58 | 95% KM Chebyshev UCL | 0.752 |
| 97.5% KM Chebyshev UCL | 0.991 | 99% KM Chebyshev UCL | 1.461 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 5.421 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.97 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.394 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.185 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.13 | k star (bias corrected MLE) | 0.14 |
| Theta hat (MLE) | 8.027 | Theta star (bias corrected MLE) | 7.48 |
| nu hat (MLE) | 7.555 | nu star (bias corrected) | 8.107 |
| Mean (detects) | 1.046 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 1.5000E-4 | Mean | 0.208 |
| Maximum | 17 | Median | 0.01 |
| SD | 1.539 | CV | 7.414 |
| k hat (MLE) | 0.22 | k star (bias corrected MLE) | 0.22 |
| Theta hat (MLE) | 0.943 | Theta star (bias corrected MLE) | 0.943 |
| nu hat (MLE) | 66.9 | nu star (bias corrected) | 66.91 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (66.91, α) | 49.09 | Adjusted Chi Square Value (66.91, β) | 48.94 |
| 95% Gamma Approximate UCL | 0.283 | 95% Gamma Adjusted UCL | 0.284 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.2 | SD (KM) | 1.535 |
| Variance (KM) | 2.356 | SE of Mean (KM) | 0.127 |
| k hat (KM) | 0.017 | k star (KM) | 0.021 |
| nu hat (KM) | 5.165 | nu star (KM) | 6.397 |
| theta hat (KM) | 11.77 | theta star (KM) | 9.508 |
| 80% gamma percentile (KM) | 1.3470E-4 | 90% gamma percentile (KM) | 0.0365 |

| | | | |
|---|---|---|---|
| 95% gamma percentile (KM) | 0.499 | 99% gamma percentile (KM) | 5.555 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (6.40, α) | 1.846 | Adjusted Chi Square Value (6.40, β) | 1.823 |
| 95% KM Approximate Gamma UCL | 0.693 | 95% KM Adjusted Gamma UCL | 0.702 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.745 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.937 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.223 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.148 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.2 | Mean in Log Scale | -7.128 |
| SD in Original Scale | 1.54 | SD in Log Scale | 1.942 |
| 95% t UCL (assumes normality of ROS data) | 0.407 | 95% Percentile Bootstrap UCL | 0.431 |
| 95% BCA Bootstrap UCL | 0.567 | 95% Bootstrap t UCL | 0.709 |
| 95% H-UCL (Log ROS) | 0.00882 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.425 | KM Geo Mean | 5.9599E-4 |
| KM SD (logged) | 1.845 | 95% Critical H Value (KM-Log) | 3.11 |
| KM Standard Error of Mean (logged) | 0.223 | 95% H-UCL (KM -Log) | 0.00521 |
| KM SD (logged) | 1.845 | 95% Critical H Value (KM-Log) | 3.11 |
| KM Standard Error of Mean (logged) | 0.223 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.206 | Mean in Log Scale | -5.835 |
| SD in Original Scale | 1.539 | SD in Log Scale | 1.686 |
| 95% t UCL (Assumes normality) | 0.413 | 95% H-Stat UCL | 0.0181 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 0.41

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (nickel)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 103 |
| | | Number of Missing Observations | 0 |
| Minimum | 0.491 | Mean | 14.43 |
| Maximum | 120 | Median | 11.45 |
| SD | 15.45 | Std. Error of Mean | 1.366 |
| Coefficient of Variation | 1.071 | Skewness | 4.739 |

**Normal GOF Test**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.537 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk P Value | 0 | Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.291 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.091 | Data Not Normal at 1% Significance Level |

Data Not Normal at 1% Significance Level

**Assuming Normal Distribution**

| 95% Normal UCL | | 95% UCLs (Adjusted for Skewness) | |
|---|---|---|---|
| 95% Student's-t UCL | 16.69 | 95% Adjusted-CLT UCL (Chen-1995) | 17.29 |
| | | 95% Modified-t UCL (Johnson-1978) | 16.79 |

**Gamma GOF Test**

| | | |
|---|---|---|
| A-D Test Statistic | 4.465 | **Anderson-Darling Gamma GOF Test** |
| 5% A-D Critical Value | 0.766 | Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.171 | **Kolmogorov-Smirnov Gamma GOF Test** |
| 5% K-S Critical Value | 0.0833 | Data Not Gamma Distributed at 5% Significance Level |

Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics**

| | | | |
|---|---|---|---|
| k hat (MLE) | 1.973 | k star (bias corrected MLE) | 1.932 |
| Theta hat (MLE) | 7.315 | Theta star (bias corrected MLE) | 7.47 |
| nu hat (MLE) | 505 | nu star (bias corrected) | 494.5 |
| MLE Mean (bias corrected) | 14.43 | MLE Sd (bias corrected) | 10.38 |
| | | Approximate Chi Square Value (0.05) | 443.9 |
| Adjusted Level of Significance | 0.0481 | Adjusted Chi Square Value | 443.4 |

**Assuming Gamma Distribution**

| | | | |
|---|---|---|---|
| 95% Approximate Gamma UCL | 16.07 | 95% Adjusted Gamma UCL | 16.09 |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Lognormal GOF Test**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.935 | **Shapiro Wilk Lognormal GOF Test** | |
| 10% Shapiro Wilk P Value | 2.6584E-6 | Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.13 | **Lilliefors Lognormal GOF Test** | |
| 10% Lilliefors Critical Value | 0.072 | Data Not Lognormal at 10% Significance Level | |

Data Not Lognormal at 10% Significance Level

**Lognormal Statistics**

| | | | |
|---|---|---|---|
| Minimum of Logged Data | -0.711 | Mean of logged Data | 2.395 |
| Maximum of Logged Data | 4.787 | SD of logged Data | 0.724 |

**Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| 95% H-UCL | 16.17 | 90% Chebyshev (MVUE) UCL | 17.26 |
| 95% Chebyshev (MVUE) UCL | 18.63 | 97.5% Chebyshev (MVUE) UCL | 20.54 |
| 99% Chebyshev (MVUE) UCL | 24.3 | | |

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Nonparametric Distribution Free UCLs**

| | | | |
|---|---|---|---|
| 95% CLT UCL | 16.68 | 95% BCA Bootstrap UCL | 17.3 |
| 95% Standard Bootstrap UCL | 16.67 | 95% Bootstrap-t UCL | 17.62 |
| 95% Hall's Bootstrap UCL | 18.03 | 95% Percentile Bootstrap UCL | 16.91 |
| 90% Chebyshev(Mean, Sd) UCL | 18.53 | 95% Chebyshev(Mean, Sd) UCL | 20.38 |
| 97.5% Chebyshev(Mean, Sd) UCL | 22.96 | 99% Chebyshev(Mean, Sd) UCL | 28.02 |

**Suggested UCL to Use**

| | |
|---|---|
| 95% Student's-t UCL | 16.69 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (phenanthrene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 20 |
| Number of Detects | 15 | Number of Non-Detects | 17 |
| Number of Distinct Detects | 14 | Number of Distinct Non-Detects | 6 |

| | | | |
|---|---|---|---|
| Minimum Detect | 0.0025 | Minimum Non-Detect | 0.01 |
| Maximum Detect | 3.1 | Maximum Non-Detect | 2 |
| Variance Detects | 0.625 | Percent Non-Detects | 53.13% |
| Mean Detects | 0.34 | SD Detects | 0.791 |
| Median Detects | 0.078 | CV Detects | 2.326 |
| Skewness Detects | 3.47 | Kurtosis Detects | 12.59 |
| Mean of Logged Detects | -3.189 | SD of Logged Detects | 2.377 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.471 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.835 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.362 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.255 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.178 | KM Standard Error of Mean | 0.101 |
| 90KM SD | 0.549 | 95% KM (BCA) UCL | 0.37 |
| 95% KM (t) UCL | 0.35 | 95% KM (Percentile Bootstrap) UCL | 0.363 |
| 95% KM (z) UCL | 0.345 | 95% KM Bootstrap t UCL | 0.901 |
| 90% KM Chebyshev UCL | 0.483 | 95% KM Chebyshev UCL | 0.621 |
| 97.5% KM Chebyshev UCL | 0.812 | 99% KM Chebyshev UCL | 1.188 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.901 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.831 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.245 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.239 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.323 | k star (bias corrected MLE) | 0.303 |
| Theta hat (MLE) | 1.053 | Theta star (bias corrected MLE) | 1.123 |
| nu hat (MLE) | 9.688 | nu star (bias corrected) | 9.083 |
| Mean (detects) | 0.34 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0025 | Mean | 0.175 |
| Maximum | 3.1 | Median | 0.01 |
| SD | 0.556 | CV | 3.173 |

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.335 | k star (bias corrected MLE) | 0.325 |
| Theta hat (MLE) | 0.522 | Theta star (bias corrected MLE) | 0.539 |
| nu hat (MLE) | 21.46 | nu star (bias corrected) | 20.78 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (20.78, α) | 11.43 | Adjusted Chi Square Value (20.78, β) | 11.06 |
| 95% Gamma Approximate UCL | 0.318 | 95% Gamma Adjusted UCL | 0.329 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.178 | SD (KM) | 0.549 |
| Variance (KM) | 0.302 | SE of Mean (KM) | 0.101 |
| k hat (KM) | 0.105 | k star (KM) | 0.116 |
| nu hat (KM) | 6.745 | nu star (KM) | 7.446 |
| theta hat (KM) | 1.692 | theta star (KM) | 1.533 |
| 80% gamma percentile (KM) | 0.151 | 90% gamma percentile (KM) | 0.501 |
| 95% gamma percentile (KM) | 1.021 | 99% gamma percentile (KM) | 2.623 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (7.45, α) | 2.418 | Adjusted Chi Square Value (7.45, β) | 2.268 |
| 95% KM Approximate Gamma UCL | 0.549 | 95% KM Adjusted Gamma UCL | 0.586 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.879 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.901 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.239 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.202 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.169 | Mean in Log Scale | -3.991 |
| SD in Original Scale | 0.556 | SD in Log Scale | 1.965 |
| 95% t UCL (assumes normality of ROS data) | 0.335 | 95% Percentile Bootstrap UCL | 0.346 |
| 95% BCA Bootstrap UCL | 0.468 | 95% Bootstrap t UCL | 1.003 |
| 95% H-UCL (Log ROS) | 0.483 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.131 | KM Geo Mean | 0.0161 |
| KM SD (logged) | 2.061 | 95% Critical H Value (KM-Log) | 3.924 |
| KM Standard Error of Mean (logged) | 0.427 | 95% H-UCL (KM -Log) | 0.574 |
| KM SD (logged) | 2.061 | 95% Critical H Value (KM-Log) | 3.924 |
| KM Standard Error of Mean (logged) | 0.427 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.272 | Mean in Log Scale | -3.072 |
| SD in Original Scale | 0.572 | SD in Log Scale | 2.165 |

| | | | |
|---|---|---|---|
| 95% t UCL (Assumes normality) | 0.443 | 95% H-Stat UCL | 2.368 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 0.35

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (propylbenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 63 | Number of Distinct Observations | 27 |
| Number of Detects | 16 | Number of Non-Detects | 47 |
| Number of Distinct Detects | 16 | Number of Distinct Non-Detects | 12 |
| Minimum Detect | 4.1000E-4 | Minimum Non-Detect | 1.9000E-4 |
| Maximum Detect | 34 | Maximum Non-Detect | 0.023 |
| Variance Detects | 77.77 | Percent Non-Detects | 74.6% |
| Mean Detects | 3.228 | SD Detects | 8.819 |
| Median Detects | 0.0075 | CV Detects | 2.732 |
| Skewness Detects | 3.298 | Kurtosis Detects | 11.23 |
| Mean of Logged Detects | -3.515 | SD of Logged Detects | 3.842 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.432 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.844 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.426 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.248 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.82 | KM Standard Error of Mean | 0.589 |
| 90KM SD | 4.527 | 95% KM (BCA) UCL | 1.774 |
| 95% KM (t) UCL | 1.803 | 95% KM (Percentile Bootstrap) UCL | 1.793 |
| 95% KM (z) UCL | 1.789 | 95% KM Bootstrap t UCL | 13.78 |
| 90% KM Chebyshev UCL | 2.587 | 95% KM Chebyshev UCL | 3.387 |

| | | | |
|---|---|---|---|
| 97.5% KM Chebyshev UCL | 4.498 | 99% KM Chebyshev UCL | 6.68 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.311 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.919 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.244 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.241 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.162 | k star (bias corrected MLE) | 0.173 |
| Theta hat (MLE) | 19.91 | Theta star (bias corrected MLE) | 18.61 |
| nu hat (MLE) | 5.188 | nu star (bias corrected) | 5.549 |
| Mean (detects) | 3.228 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 4.1000E-4 | Mean | 0.827 |
| Maximum | 34 | Median | 0.01 |
| SD | 4.562 | CV | 5.515 |
| k hat (MLE) | 0.181 | k star (bias corrected MLE) | 0.183 |
| Theta hat (MLE) | 4.579 | Theta star (bias corrected MLE) | 4.53 |
| nu hat (MLE) | 22.76 | nu star (bias corrected) | 23.01 |
| Adjusted Level of Significance (β) | 0.0462 | | |
| Approximate Chi Square Value (23.01, α) | 13.1 | Adjusted Chi Square Value (23.01, β) | 12.92 |
| 95% Gamma Approximate UCL | 1.453 | 95% Gamma Adjusted UCL | 1.473 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.82 | SD (KM) | 4.527 |
| Variance (KM) | 20.49 | SE of Mean (KM) | 0.589 |
| k hat (KM) | 0.0328 | k star (KM) | 0.0418 |
| nu hat (KM) | 4.134 | nu star (KM) | 5.27 |
| theta hat (KM) | 24.99 | theta star (KM) | 19.6 |
| 80% gamma percentile (KM) | 0.055 | 90% gamma percentile (KM) | 0.96 |
| 95% gamma percentile (KM) | 4.031 | 99% gamma percentile (KM) | 19.07 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.27, α) | 1.279 | Adjusted Chi Square Value (5.27, β) | 1.234 |
| 95% KM Approximate Gamma UCL | 3.378 | 95% KM Adjusted Gamma UCL | 3.5 |

**Lognormal GOF Test on Detected Observations Only**

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.896 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.906 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.199 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.196 | Detected Data Not Lognormal at 10% Significance Level | |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.82 | Mean in Log Scale | -13.67 |
| SD in Original Scale | 4.563 | SD in Log Scale | 7.333 |
| 95% t UCL (assumes normality of ROS data) | 1.78 | 95% Percentile Bootstrap UCL | 1.901 |
| 95% BCA Bootstrap UCL | 2.587 | 95% Bootstrap t UCL | 10.91 |
| 95% H-UCL (Log ROS) | 2.325E+10 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.275 | KM Geo Mean | 6.9254E-4 |
| KM SD (logged) | 2.89 | 95% Critical H Value (KM-Log) | 3.826 |
| KM Standard Error of Mean (logged) | 0.377 | 95% H-UCL (KM -Log) | 0.184 |
| KM SD (logged) | 2.89 | 95% Critical H Value (KM-Log) | 3.826 |
| KM Standard Error of Mean (logged) | 0.377 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.82 | Mean in Log Scale | -7.513 |
| SD in Original Scale | 4.563 | SD in Log Scale | 3.109 |
| 95% t UCL (Assumes normality) | 1.78 | 95% H-Stat UCL | 0.354 |

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution**

**Suggested UCL to Use**

95% KM (t) UCL 1.803

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**

**Please verify the data were collected from random locations.**

**If the data were collected using judgmental or other non-random methods,**

**then contact a statistician to correctly calculate UCLs.**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Result (pyrene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 32 | Number of Distinct Observations | 26 |
| Number of Detects | 21 | Number of Non-Detects | 11 |
| Number of Distinct Detects | 21 | Number of Distinct Non-Detects | 5 |
| Minimum Detect | 8.2000E-4 | Minimum Non-Detect | 0.02 |
| Maximum Detect | 2.9 | Maximum Non-Detect | 2 |
| Variance Detects | 0.396 | Percent Non-Detects | 34.38% |
| Mean Detects | 0.228 | SD Detects | 0.629 |
| Median Detects | 0.0076 | CV Detects | 2.766 |
| Skewness Detects | 4.203 | Kurtosis Detects | 18.45 |
| Mean of Logged Detects | -3.934 | SD of Logged Detects | 2.435 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.387 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.873 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.359 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.219 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.167 | KM Standard Error of Mean | 0.0932 |
| 90KM SD | 0.509 | 95% KM (BCA) UCL | 0.334 |
| 95% KM (t) UCL | 0.325 | 95% KM (Percentile Bootstrap) UCL | 0.333 |
| 95% KM (z) UCL | 0.32 | 95% KM Bootstrap t UCL | 0.687 |
| 90% KM Chebyshev UCL | 0.447 | 95% KM Chebyshev UCL | 0.573 |
| 97.5% KM Chebyshev UCL | 0.749 | 99% KM Chebyshev UCL | 1.094 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.385 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.854 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.268 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.206 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.284 | k star (bias corrected MLE) | 0.275 |
| Theta hat (MLE) | 0.802 | Theta star (bias corrected MLE) | 0.828 |
| nu hat (MLE) | 11.91 | nu star (bias corrected) | 11.54 |
| Mean (detects) | 0.228 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 8.2000E-4 | Mean | 0.163 |
| Maximum | 2.9 | Median | 0.01 |
| SD | 0.515 | CV | 3.164 |
| k hat (MLE) | 0.315 | k star (bias corrected MLE) | 0.306 |
| Theta hat (MLE) | 0.517 | Theta star (bias corrected MLE) | 0.532 |
| nu hat (MLE) | 20.16 | nu star (bias corrected) | 19.6 |
| Adjusted Level of Significance (β) | 0.0416 | | |
| Approximate Chi Square Value (19.60, α) | 10.56 | Adjusted Chi Square Value (19.60, β) | 10.2 |
| 95% Gamma Approximate UCL | 0.302 | 95% Gamma Adjusted UCL | 0.313 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.167 | SD (KM) | 0.509 |
| Variance (KM) | 0.259 | SE of Mean (KM) | 0.0932 |
| k hat (KM) | 0.108 | k star (KM) | 0.118 |
| nu hat (KM) | 6.89 | nu star (KM) | 7.578 |
| theta hat (KM) | 1.552 | theta star (KM) | 1.411 |
| 80% gamma percentile (KM) | 0.144 | 90% gamma percentile (KM) | 0.472 |
| 95% gamma percentile (KM) | 0.955 | 99% gamma percentile (KM) | 2.435 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (7.58, α) | 2.493 | Adjusted Chi Square Value (7.58, β) | 2.339 |
| 95% KM Approximate Gamma UCL | 0.508 | 95% KM Adjusted Gamma UCL | 0.541 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.915 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.923 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.209 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.173 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.155 | Mean in Log Scale | -4.223 |
| SD in Original Scale | 0.516 | SD in Log Scale | 2.116 |
| 95% t UCL (assumes normality of ROS data) | 0.31 | 95% Percentile Bootstrap UCL | 0.323 |
| 95% BCA Bootstrap UCL | 0.432 | 95% Bootstrap t UCL | 0.784 |
| 95% H-UCL (Log ROS) | 0.63 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -4.286 | KM Geo Mean | 0.0138 |
| KM SD (logged) | 2.26 | 95% Critical H Value (KM-Log) | 4.234 |
| KM Standard Error of Mean (logged) | 0.461 | 95% H-UCL (KM -Log) | 0.986 |
| KM SD (logged) | 2.26 | 95% Critical H Value (KM-Log) | 4.234 |

| | |
|---|---|
| KM Standard Error of Mean (logged) | 0.461 |

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.253 | Mean in Log Scale | -3.309 |
| SD in Original Scale | 0.536 | SD in Log Scale | 2.365 |
| 95% t UCL (Assumes normality) | 0.413 | 95% H-Stat UCL | 3.885 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.325 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (sec-butylbenzene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 57 | Number of Distinct Observations | 21 |
| Number of Detects | 11 | Number of Non-Detects | 46 |
| Number of Distinct Detects | 11 | Number of Distinct Non-Detects | 12 |
| Minimum Detect | 2.2000E-4 | Minimum Non-Detect | 2.0000E-4 |
| Maximum Detect | 7.4 | Maximum Non-Detect | 0.011 |
| Variance Detects | 4.857 | Percent Non-Detects | 80.7% |
| Mean Detects | 1.059 | SD Detects | 2.204 |
| Median Detects | 0.09 | CV Detects | 2.08 |
| Skewness Detects | 2.834 | Kurtosis Detects | 8.459 |
| Mean of Logged Detects | -3.315 | SD of Logged Detects | 3.844 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.556 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.792 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.343 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.291 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.205 | KM Standard Error of Mean | 0.141 |
| 90KM SD | 1.013 | 95% KM (BCA) UCL | 0.476 |
| 95% KM (t) UCL | 0.44 | 95% KM (Percentile Bootstrap) UCL | 0.466 |
| 95% KM (z) UCL | 0.436 | 95% KM Bootstrap t UCL | 1.086 |
| 90% KM Chebyshev UCL | 0.627 | 95% KM Chebyshev UCL | 0.818 |
| 97.5% KM Chebyshev UCL | 1.084 | 99% KM Chebyshev UCL | 1.605 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.402 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.855 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.182 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.281 | Detected data appear Gamma Distributed at 5% Significance Level |

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.216 | k star (bias corrected MLE) | 0.217 |
| Theta hat (MLE) | 4.913 | Theta star (bias corrected MLE) | 4.872 |
| nu hat (MLE) | 4.744 | nu star (bias corrected) | 4.783 |
| Mean (detects) | 1.059 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.2000E-4 | Mean | 0.213 |
| Maximum | 7.4 | Median | 0.01 |
| SD | 1.021 | CV | 4.803 |
| k hat (MLE) | 0.253 | k star (bias corrected MLE) | 0.251 |
| Theta hat (MLE) | 0.841 | Theta star (bias corrected MLE) | 0.847 |
| nu hat (MLE) | 28.79 | nu star (bias corrected) | 28.61 |
| Adjusted Level of Significance (β) | 0.0458 | | |
| Approximate Chi Square Value (28.61, α) | 17.41 | Adjusted Chi Square Value (28.61, β) | 17.18 |
| 95% Gamma Approximate UCL | 0.349 | 95% Gamma Adjusted UCL | 0.354 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.205 | SD (KM) | 1.013 |
| Variance (KM) | 1.027 | SE of Mean (KM) | 0.141 |
| k hat (KM) | 0.0408 | k star (KM) | 0.0503 |
| nu hat (KM) | 4.648 | nu star (KM) | 5.737 |
| theta hat (KM) | 5.018 | theta star (KM) | 4.066 |
| 80% gamma percentile (KM) | 0.0284 | 90% gamma percentile (KM) | 0.315 |
| 95% gamma percentile (KM) | 1.091 | 99% gamma percentile (KM) | 4.439 |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.74, α) | 1.507 | Adjusted Chi Square Value (5.74, β) | 1.452 |
| 95% KM Approximate Gamma UCL | 0.779 | 95% KM Adjusted Gamma UCL | 0.808 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.9 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.876 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.176 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.231 | Detected Data appear Lognormal at 10% Significance Level |

Detected Data appear Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.204 | Mean in Log Scale | -15.31 |
| SD in Original Scale | 1.022 | SD in Log Scale | 7.556 |
| 95% t UCL (assumes normality of ROS data) | 0.431 | 95% Percentile Bootstrap UCL | 0.455 |
| 95% BCA Bootstrap UCL | 0.621 | 95% Bootstrap t UCL | 1.071 |
| 95% H-UCL (Log ROS) | 9.187E+10 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.507 | KM Geo Mean | 5.4910E-4 |
| KM SD (logged) | 2.607 | 95% Critical H Value (KM-Log) | 4.864 |
| KM Standard Error of Mean (logged) | 0.362 | 95% H-UCL (KM -Log) | 0.0894 |
| KM SD (logged) | 2.607 | 95% Critical H Value (KM-Log) | 4.864 |
| KM Standard Error of Mean (logged) | 0.362 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.205 | Mean in Log Scale | -7.841 |
| SD in Original Scale | 1.022 | SD in Log Scale | 2.808 |
| 95% t UCL (Assumes normality) | 0.431 | 95% H-Stat UCL | 0.141 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

95% KM Approximate Gamma UCL 0.779

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.

Please verify the data were collected from random locations.

If the data were collected using judgmental or other non-random methods,

then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (silver)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 42 |
| Number of Detects | 8 | Number of Non-Detects | 120 |
| Number of Distinct Detects | 8 | Number of Distinct Non-Detects | 34 |
| Minimum Detect | 0.2 | Minimum Non-Detect | 0.143 |
| Maximum Detect | 5.1 | Maximum Non-Detect | 3.3 |
| Variance Detects | 2.64 | Percent Non-Detects | 93.75% |
| Mean Detects | 1.319 | SD Detects | 1.625 |
| Median Detects | 0.745 | CV Detects | 1.232 |
| Skewness Detects | 2.231 | Kurtosis Detects | 5.356 |
| Mean of Logged Detects | -0.259 | SD of Logged Detects | 1.082 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.713 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.749 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.273 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.333 | Detected Data appear Normal at 1% Significance Level |

Detected Data appear Approximate Normal at 1% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.231 | KM Standard Error of Mean | 0.0465 |
| 90KM SD | 0.479 | 95% KM (BCA) UCL | 0.317 |
| 95% KM (t) UCL | 0.308 | 95% KM (Percentile Bootstrap) UCL | 0.314 |
| 95% KM (z) UCL | 0.308 | 95% KM Bootstrap t UCL | 0.387 |
| 90% KM Chebyshev UCL | 0.371 | 95% KM Chebyshev UCL | 0.434 |
| 97.5% KM Chebyshev UCL | 0.522 | 99% KM Chebyshev UCL | 0.694 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.357 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.735 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.162 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.301 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data appear Gamma Distributed at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 1.069 | k star (bias corrected MLE) | 0.751 |

| | | | |
|---|---|---|---|
| Theta hat (MLE) | 1.234 | Theta star (bias corrected MLE) | 1.755 |
| nu hat (MLE) | 17.1 | nu star (bias corrected) | 12.02 |
| Mean (detects) | 1.319 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 0.0918 |
| Maximum | 5.1 | Median | 0.01 |
| SD | 0.497 | CV | 5.41 |
| k hat (MLE) | 0.346 | k star (bias corrected MLE) | 0.343 |
| Theta hat (MLE) | 0.265 | Theta star (bias corrected MLE) | 0.267 |
| nu hat (MLE) | 88.64 | nu star (bias corrected) | 87.9 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (87.90, α) | 67.29 | Adjusted Chi Square Value (87.90, β) | 67.08 |
| 95% Gamma Approximate UCL | 0.12 | 95% Gamma Adjusted UCL | 0.12 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.231 | SD (KM) | 0.479 |
| Variance (KM) | 0.229 | SE of Mean (KM) | 0.0465 |
| k hat (KM) | 0.233 | k star (KM) | 0.233 |
| nu hat (KM) | 59.73 | nu star (KM) | 59.66 |
| theta hat (KM) | 0.992 | theta star (KM) | 0.993 |
| 80% gamma percentile (KM) | 0.327 | 90% gamma percentile (KM) | 0.697 |
| 95% gamma percentile (KM) | 1.143 | 99% gamma percentile (KM) | 2.342 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (59.66, α) | 42.9 | Adjusted Chi Square Value (59.66, β) | 42.74 |
| 95% KM Approximate Gamma UCL | 0.322 | 95% KM Adjusted Gamma UCL | 0.323 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.962 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.851 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.151 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.265 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Lognormal at 10% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.105 | Mean in Log Scale | -4.25 |
| SD in Original Scale | 0.495 | SD in Log Scale | 1.687 |

| | | | |
|---|---|---|---|
| 95% t UCL (assumes normality of ROS data) | 0.177 | 95% Percentile Bootstrap UCL | 0.187 |
| 95% BCA Bootstrap UCL | 0.222 | 95% Bootstrap t UCL | 0.304 |
| 95% H-UCL (Log ROS) | 0.0913 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -1.786 | KM Geo Mean | 0.168 |
| KM SD (logged) | 0.525 | 95% Critical H Value (KM-Log) | 1.838 |
| KM Standard Error of Mean (logged) | 0.06 | 95% H-UCL (KM -Log) | 0.21 |
| KM SD (logged) | 0.525 | 95% Critical H Value (KM-Log) | 1.838 |
| KM Standard Error of Mean (logged) | 0.06 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.389 | Mean in Log Scale | -1.339 |
| SD in Original Scale | 0.501 | SD in Log Scale | 0.901 |
| 95% t UCL (Assumes normality) | 0.462 | 95% H-Stat UCL | 0.465 |

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Detected Data appear Approximate Normal Distributed at 1% Significance Level**

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.308 |

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**
**Please verify the data were collected from random locations.**
**If the data were collected using judgmental or other non-random methods,**
**then contact a statistician to correctly calculate UCLs.**

When a data set follows an approximate distribution passing only one of the GOF tests,
it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (styrene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 18 | Number of Distinct Observations | 13 |
| Number of Detects | 4 | Number of Non-Detects | 14 |
| Number of Distinct Detects | 4 | Number of Distinct Non-Detects | 9 |
| Minimum Detect | 0.0024 | Minimum Non-Detect | 2.3000E-4 |
| Maximum Detect | 0.15 | Maximum Non-Detect | 4.0000E-4 |

| | | | |
|---|---|---|---|
| Variance Detects | 0.00543 | Percent Non-Detects | 77.78% |
| Mean Detects | 0.0395 | SD Detects | 0.0737 |
| Median Detects | 0.00275 | CV Detects | 1.867 |
| Skewness Detects | 2 | Kurtosis Detects | 4 |
| Mean of Logged Detects | -4.933 | SD of Logged Detects | 2.026 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.633 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.687 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.44 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.413 | Detected Data Not Normal at 1% Significance Level |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.00895 | KM Standard Error of Mean | 0.00931 |
| 90KM SD | 0.0342 | 95% KM (BCA) UCL | N/A |
| 95% KM (t) UCL | 0.0252 | 95% KM (Percentile Bootstrap) UCL | N/A |
| 95% KM (z) UCL | 0.0243 | 95% KM Bootstrap t UCL | N/A |
| 90% KM Chebyshev UCL | 0.0369 | 95% KM Chebyshev UCL | 0.0495 |
| 97.5% KM Chebyshev UCL | 0.0671 | 99% KM Chebyshev UCL | 0.102 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.879 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.694 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.466 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.415 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.389 | k star (bias corrected MLE) | 0.264 |
| Theta hat (MLE) | 0.102 | Theta star (bias corrected MLE) | 0.15 |
| nu hat (MLE) | 3.11 | nu star (bias corrected) | 2.111 |
| Mean (detects) | 0.0395 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0024 | Mean | 0.0166 |
| Maximum | 0.15 | Median | 0.01 |
| SD | 0.0334 | CV | 2.02 |
| k hat (MLE) | 1.001 | k star (bias corrected MLE) | 0.871 |
| Theta hat (MLE) | 0.0165 | Theta star (bias corrected MLE) | 0.019 |

| | | | |
|---|---|---|---|
| nu hat (MLE) | 36.04 | nu star (bias corrected) | 31.36 |
| Adjusted Level of Significance (β) | 0.0357 | | |
| Approximate Chi Square Value (31.36, α) | 19.57 | Adjusted Chi Square Value (31.36, β) | 18.68 |
| 95% Gamma Approximate UCL | 0.0265 | 95% Gamma Adjusted UCL | N/A |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.00895 | SD (KM) | 0.0342 |
| Variance (KM) | 0.00117 | SE of Mean (KM) | 0.00931 |
| k hat (KM) | 0.0684 | k star (KM) | 0.0941 |
| nu hat (KM) | 2.463 | nu star (KM) | 3.386 |
| theta hat (KM) | 0.131 | theta star (KM) | 0.0952 |
| 80% gamma percentile (KM) | 0.00566 | 90% gamma percentile (KM) | 0.0232 |
| 95% gamma percentile (KM) | 0.0521 | 99% gamma percentile (KM) | 0.147 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (3.39, α) | 0.495 | Adjusted Chi Square Value (3.39, β) | 0.407 |
| 95% KM Approximate Gamma UCL | 0.0612 | 95% KM Adjusted Gamma UCL | 0.0745 |

95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.67 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.792 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.417 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.346 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.00878 | Mean in Log Scale | -11.42 |
| SD in Original Scale | 0.0353 | SD in Log Scale | 4.02 |
| 95% t UCL (assumes normality of ROS data) | 0.0232 | 95% Percentile Bootstrap UCL | 0.0253 |
| 95% BCA Bootstrap UCL | 0.0338 | 95% Bootstrap t UCL | 0.438 |
| 95% H-UCL (Log ROS) | 99.25 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.612 | KM Geo Mean | 4.9454E-4 |
| KM SD (logged) | 1.654 | 95% Critical H Value (KM-Log) | 3.698 |
| KM Standard Error of Mean (logged) | 0.45 | 95% H-UCL (KM -Log) | 0.00856 |
| KM SD (logged) | 1.654 | 95% Critical H Value (KM-Log) | 3.698 |
| KM Standard Error of Mean (logged) | 0.45 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.00888 | Mean in Log Scale | -8.018 |
| SD in Original Scale | 0.0352 | SD in Log Scale | 1.902 |

| | | | |
|---|---|---|---|
| 95% t UCL (Assumes normality) | 0.0233 | 95% H-Stat UCL | 0.0136 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 0.0252

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (tert-butyl alcohol (tba))**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 30 | Number of Distinct Observations | 24 |
| Number of Detects | 28 | Number of Non-Detects | 2 |
| Number of Distinct Detects | 22 | Number of Distinct Non-Detects | 2 |
| Minimum Detect | 0.0085 | Minimum Non-Detect | 0.0056 |
| Maximum Detect | 0.083 | Maximum Non-Detect | 0.0088 |
| Variance Detects | 4.2848E-4 | Percent Non-Detects | 6.667% |
| Mean Detects | 0.0279 | SD Detects | 0.0207 |
| Median Detects | 0.0185 | CV Detects | 0.741 |
| Skewness Detects | 1.296 | Kurtosis Detects | 0.896 |
| Mean of Logged Detects | -3.813 | SD of Logged Detects | 0.683 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.826 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk Critical Value | 0.896 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.238 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.191 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.0265 | KM Standard Error of Mean | 0.00379 |
| 90KM SD | 0.0204 | 95% KM (BCA) UCL | 0.033 |
| 95% KM (t) UCL | 0.0329 | 95% KM (Percentile Bootstrap) UCL | 0.033 |
| 95% KM (z) UCL | 0.0327 | 95% KM Bootstrap t UCL | 0.0342 |
| 90% KM Chebyshev UCL | 0.0379 | 95% KM Chebyshev UCL | 0.043 |

| | | | |
|---|---|---|---|
| 97.5% KM Chebyshev UCL | 0.0501 | 99% KM Chebyshev UCL | 0.0642 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.97 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.757 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.196 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.167 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 2.281 | k star (bias corrected MLE) | 2.061 |
| Theta hat (MLE) | 0.0122 | Theta star (bias corrected MLE) | 0.0136 |
| nu hat (MLE) | 127.8 | nu star (bias corrected) | 115.4 |
| Mean (detects) | 0.0279 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.0085 | Mean | 0.0267 |
| Maximum | 0.083 | Median | 0.018 |
| SD | 0.0205 | CV | 0.766 |
| k hat (MLE) | 2.202 | k star (bias corrected MLE) | 2.004 |
| Theta hat (MLE) | 0.0121 | Theta star (bias corrected MLE) | 0.0133 |
| nu hat (MLE) | 132.1 | nu star (bias corrected) | 120.2 |
| Adjusted Level of Significance (β) | 0.041 | | |
| Approximate Chi Square Value (120.22, α) | 95.91 | Adjusted Chi Square Value (120.22, β) | 94.65 |
| 95% Gamma Approximate UCL | 0.0335 | 95% Gamma Adjusted UCL | 0.034 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.0265 | SD (KM) | 0.0204 |
| Variance (KM) | 4.1480E-4 | SE of Mean (KM) | 0.00379 |
| k hat (KM) | 1.692 | k star (KM) | 1.545 |
| nu hat (KM) | 101.5 | nu star (KM) | 92.72 |
| theta hat (KM) | 0.0157 | theta star (KM) | 0.0171 |
| 80% gamma percentile (KM) | 0.0409 | 90% gamma percentile (KM) | 0.0548 |
| 95% gamma percentile (KM) | 0.0683 | 99% gamma percentile (KM) | 0.0988 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (92.72, α) | 71.51 | Adjusted Chi Square Value (92.72, β) | 70.44 |
| 95% KM Approximate Gamma UCL | 0.0344 | 95% KM Adjusted Gamma UCL | 0.0349 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.926 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.936 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.159 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.151 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.0264 | Mean in Log Scale | -3.916 |
| SD in Original Scale | 0.0208 | SD in Log Scale | 0.769 |
| 95% t UCL (assumes normality of ROS data) | 0.0328 | 95% Percentile Bootstrap UCL | 0.033 |
| 95% BCA Bootstrap UCL | 0.0338 | 95% Bootstrap t UCL | 0.0344 |
| 95% H-UCL (Log ROS) | 0.0367 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -3.897 | KM Geo Mean | 0.0203 |
| KM SD (logged) | 0.723 | 95% Critical H Value (KM-Log) | 2.159 |
| KM Standard Error of Mean (logged) | 0.135 | 95% H-UCL (KM -Log) | 0.0352 |
| KM SD (logged) | 0.723 | 95% Critical H Value (KM-Log) | 2.159 |
| KM Standard Error of Mean (logged) | 0.135 | | |

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.0263 | Mean in Log Scale | -3.935 |
| SD in Original Scale | 0.0209 | SD in Log Scale | 0.81 |
| 95% t UCL (Assumes normality) | 0.0328 | 95% H-Stat UCL | 0.0381 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 0.0329 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (tetrachloroethene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 94 |
| Number of Detects | 63 | Number of Non-Detects | 89 |
| Number of Distinct Detects | 55 | Number of Distinct Non-Detects | 45 |
| Minimum Detect | 2.6000E-4 | Minimum Non-Detect | 1.6000E-4 |
| Maximum Detect | 4.1 | Maximum Non-Detect | 0.066 |

| | | | |
|---|---|---|---|
| Variance Detects | 0.273 | Percent Non-Detects | 58.55% |
| Mean Detects | 0.0986 | SD Detects | 0.523 |
| Median Detects | 0.0041 | CV Detects | 5.304 |
| Skewness Detects | 7.498 | Kurtosis Detects | 57.82 |
| Mean of Logged Detects | -5.23 | SD of Logged Detects | 2.151 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.197 | **Normal GOF Test on Detected Observations Only** |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.427 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.129 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.0411 | KM Standard Error of Mean | 0.0276 |
| 90KM SD | 0.337 | 95% KM (BCA) UCL | 0.0957 |
| 95% KM (t) UCL | 0.0867 | 95% KM (Percentile Bootstrap) UCL | 0.0946 |
| 95% KM (z) UCL | 0.0865 | 95% KM Bootstrap t UCL | 0.5 |
| 90% KM Chebyshev UCL | 0.124 | 95% KM Chebyshev UCL | 0.161 |
| 97.5% KM Chebyshev UCL | 0.213 | 99% KM Chebyshev UCL | 0.316 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 6.705 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.892 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.23 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.123 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.245 | k star (bias corrected MLE) | 0.244 |
| Theta hat (MLE) | 0.403 | Theta star (bias corrected MLE) | 0.405 |
| nu hat (MLE) | 30.83 | nu star (bias corrected) | 30.69 |
| Mean (detects) | 0.0986 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.6000E-4 | Mean | 0.0467 |
| Maximum | 4.1 | Median | 0.01 |
| SD | 0.338 | CV | 7.234 |
| k hat (MLE) | 0.37 | k star (bias corrected MLE) | 0.367 |
| Theta hat (MLE) | 0.126 | Theta star (bias corrected MLE) | 0.127 |

| | | | |
|---|---|---|---|
| nu hat (MLE) | 112.5 | nu star (bias corrected) | 111.6 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (111.63, α) | 88.24 | Adjusted Chi Square Value (111.63, β) | 88.04 |
| 95% Gamma Approximate UCL | 0.0591 | 95% Gamma Adjusted UCL | 0.0592 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.0411 | SD (KM) | 0.337 |
| Variance (KM) | 0.114 | SE of Mean (KM) | 0.0276 |
| k hat (KM) | 0.0148 | k star (KM) | 0.0189 |
| nu hat (KM) | 4.504 | nu star (KM) | 5.748 |
| theta hat (KM) | 2.773 | theta star (KM) | 2.172 |
| 80% gamma percentile (KM) | 9.2836E-6 | 90% gamma percentile (KM) | 0.00472 |
| 95% gamma percentile (KM) | 0.0854 | 99% gamma percentile (KM) | 1.154 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.75, α) | 1.513 | Adjusted Chi Square Value (5.75, β) | 1.492 |
| 95% KM Approximate Gamma UCL | 0.156 | 95% KM Adjusted Gamma UCL | 0.158 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.936 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 0.00387 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.115 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.102 | Detected Data Not Lognormal at 10% Significance Level | |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.0409 | Mean in Log Scale | -8.165 |
| SD in Original Scale | 0.339 | SD in Log Scale | 3.03 |
| 95% t UCL (assumes normality of ROS data) | 0.0864 | 95% Percentile Bootstrap UCL | 0.0944 |
| 95% BCA Bootstrap UCL | 0.131 | 95% Bootstrap t UCL | 0.456 |
| 95% H-UCL (Log ROS) | 0.0874 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.129 | KM Geo Mean | 8.0133E-4 |
| KM SD (logged) | 2.17 | 95% Critical H Value (KM-Log) | 3.506 |
| KM Standard Error of Mean (logged) | 0.183 | 95% H-UCL (KM -Log) | 0.0157 |
| KM SD (logged) | 2.17 | 95% Critical H Value (KM-Log) | 3.506 |
| KM Standard Error of Mean (logged) | 0.183 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.0417 | Mean in Log Scale | -6.786 |
| SD in Original Scale | 0.339 | SD in Log Scale | 2.196 |
| 95% t UCL (Assumes normality) | 0.0871 | 95% H-Stat UCL | 0.0237 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 0.0867

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (toluene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 91 |
| Number of Detects | 110 | Number of Non-Detects | 42 |
| Number of Distinct Detects | 76 | Number of Distinct Non-Detects | 24 |
| Minimum Detect | 2.2000E-4 | Minimum Non-Detect | 2.1000E-4 |
| Maximum Detect | 110 | Maximum Non-Detect | 0.042 |
| Variance Detects | 219 | Percent Non-Detects | 27.63% |
| Mean Detects | 2.47 | SD Detects | 14.8 |
| Median Detects | 0.0032 | CV Detects | 5.992 |
| Skewness Detects | 6.544 | Kurtosis Detects | 43.15 |
| Mean of Logged Detects | -5.446 | SD of Logged Detects | 2.441 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.178 | **Normal GOF Test on Detected Observations Only** | |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.501 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.098 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 1.788 | KM Standard Error of Mean | 1.025 |
| 90KM SD | 12.58 | 95% KM (BCA) UCL | 3.631 |
| 95% KM (t) UCL | 3.484 | 95% KM (Percentile Bootstrap) UCL | 3.589 |
| 95% KM (z) UCL | 3.474 | 95% KM Bootstrap t UCL | 6.302 |
| 90% KM Chebyshev UCL | 4.863 | 95% KM Chebyshev UCL | 6.256 |
| 97.5% KM Chebyshev UCL | 8.19 | 99% KM Chebyshev UCL | 11.99 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 29.37 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.992 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.446 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.099 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.124 | k star (bias corrected MLE) | 0.127 |
| Theta hat (MLE) | 19.87 | Theta star (bias corrected MLE) | 19.45 |
| nu hat (MLE) | 27.34 | nu star (bias corrected) | 27.93 |
| Mean (detects) | 2.47 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.2000E-4 | Mean | 1.79 |
| Maximum | 110 | Median | 0.006 |
| SD | 12.62 | CV | 7.051 |
| k hat (MLE) | 0.135 | k star (bias corrected MLE) | 0.136 |
| Theta hat (MLE) | 13.29 | Theta star (bias corrected MLE) | 13.13 |
| nu hat (MLE) | 40.94 | nu star (bias corrected) | 41.47 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (41.47, α) | 27.71 | Adjusted Chi Square Value (41.47, β) | 27.6 |
| 95% Gamma Approximate UCL | 2.679 | 95% Gamma Adjusted UCL | 2.69 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 1.788 | SD (KM) | 12.58 |
| Variance (KM) | 158.3 | SE of Mean (KM) | 1.025 |
| k hat (KM) | 0.0202 | k star (KM) | 0.0242 |
| nu hat (KM) | 6.137 | nu star (KM) | 7.349 |
| theta hat (KM) | 88.55 | theta star (KM) | 73.95 |
| 80% gamma percentile (KM) | 0.00415 | 90% gamma percentile (KM) | 0.546 |
| 95% gamma percentile (KM) | 5.445 | 99% gamma percentile (KM) | 48.51 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (7.35, α) | 2.364 | Adjusted Chi Square Value (7.35, β) | 2.337 |
| 95% KM Approximate Gamma UCL | 5.557 | 95% KM Adjusted Gamma UCL | 5.621 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.751 | **Shapiro Wilk GOF Test** |

| | | |
|---|---|---|
| 10% Shapiro Wilk P Value | 0 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.214 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.0776 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 1.788 | Mean in Log Scale | -6.593 |
| SD in Original Scale | 12.62 | SD in Log Scale | 2.868 |
| 95% t UCL (assumes normality of ROS data) | 3.482 | 95% Percentile Bootstrap UCL | 3.583 |
| 95% BCA Bootstrap UCL | 4.416 | 95% Bootstrap t UCL | 6.287 |
| 95% H-UCL (Log ROS) | 0.234 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -6.186 | KM Geo Mean | 0.00206 |
| KM SD (logged) | 2.419 | 95% Critical H Value (KM-Log) | 3.82 |
| KM Standard Error of Mean (logged) | 0.199 | 95% H-UCL (KM -Log) | 0.0815 |
| KM SD (logged) | 2.419 | 95% Critical H Value (KM-Log) | 3.82 |
| KM Standard Error of Mean (logged) | 0.199 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 1.788 | Mean in Log Scale | -6.173 |
| SD in Original Scale | 12.62 | SD in Log Scale | 2.478 |
| 95% t UCL (Assumes normality) | 3.482 | 95% H-Stat UCL | 0.0985 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 3.484 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (total pcbs)**

**General Statistics**

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

| | | | |
|---|---|---|---|
| Total Number of Observations | 73 | Number of Distinct Observations | 35 |
| Number of Detects | 16 | Number of Non-Detects | 57 |
| Number of Distinct Detects | 15 | Number of Distinct Non-Detects | 21 |
| Minimum Detect | 0.24 | Minimum Non-Detect | 0.37 |
| Maximum Detect | 65 | Maximum Non-Detect | 0.62 |
| Variance Detects | 309.9 | Percent Non-Detects | 78.08% |
| Mean Detects | 8.984 | SD Detects | 17.61 |
| Median Detects | 1.7 | CV Detects | 1.96 |
| Skewness Detects | 2.714 | Kurtosis Detects | 7.263 |
| Mean of Logged Detects | 0.801 | SD of Logged Detects | 1.7 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.554 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.844 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.339 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.248 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 2.191 | KM Standard Error of Mean | 1.058 |
| 90KM SD | 8.755 | 95% KM (BCA) UCL | 4.407 |
| 95% KM (t) UCL | 3.954 | 95% KM (Percentile Bootstrap) UCL | 4.162 |
| 95% KM (z) UCL | 3.932 | 95% KM Bootstrap t UCL | 9.699 |
| 90% KM Chebyshev UCL | 5.366 | 95% KM Chebyshev UCL | 6.804 |
| 97.5% KM Chebyshev UCL | 8.8 | 99% KM Chebyshev UCL | 12.72 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 1.007 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.804 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.259 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.228 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.461 | k star (bias corrected MLE) | 0.417 |
| Theta hat (MLE) | 19.47 | Theta star (bias corrected MLE) | 21.57 |
| nu hat (MLE) | 14.76 | nu star (bias corrected) | 13.33 |
| Mean (detects) | 8.984 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 1.977 |
| Maximum | 65 | Median | 0.01 |
| SD | 8.863 | CV | 4.483 |
| k hat (MLE) | 0.182 | k star (bias corrected MLE) | 0.184 |
| Theta hat (MLE) | 10.86 | Theta star (bias corrected MLE) | 10.76 |
| nu hat (MLE) | 26.58 | nu star (bias corrected) | 26.82 |
| Adjusted Level of Significance (β) | 0.0467 | | |
| Approximate Chi Square Value (26.82, α) | 16.01 | Adjusted Chi Square Value (26.82, β) | 15.84 |
| 95% Gamma Approximate UCL | 3.311 | 95% Gamma Adjusted UCL | 3.347 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 2.191 | SD (KM) | 8.755 |
| Variance (KM) | 76.64 | SE of Mean (KM) | 1.058 |
| k hat (KM) | 0.0626 | k star (KM) | 0.0692 |
| nu hat (KM) | 9.141 | nu star (KM) | 10.1 |
| theta hat (KM) | 34.99 | theta star (KM) | 31.67 |
| 80% gamma percentile (KM) | 0.763 | 90% gamma percentile (KM) | 4.682 |
| 95% gamma percentile (KM) | 12.58 | 99% gamma percentile (KM) | 41.5 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (10.10, α) | 4.004 | Adjusted Chi Square Value (10.10, β) | 3.927 |
| 95% KM Approximate Gamma UCL | 5.526 | 95% KM Adjusted Gamma UCL | 5.634 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.942 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.906 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.175 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.196 | Detected Data appear Lognormal at 10% Significance Level |

Detected Data appear Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 2.157 | Mean in Log Scale | -1.214 |
| SD in Original Scale | 8.824 | SD in Log Scale | 1.546 |
| 95% t UCL (assumes normality of ROS data) | 3.878 | 95% Percentile Bootstrap UCL | 3.988 |
| 95% BCA Bootstrap UCL | 4.981 | 95% Bootstrap t UCL | 9.267 |
| 95% H-UCL (Log ROS) | 1.65 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -0.815 | KM Geo Mean | 0.443 |
| KM SD (logged) | 1.158 | 95% Critical H Value (KM-Log) | 2.414 |
| KM Standard Error of Mean (logged) | 0.153 | 95% H-UCL (KM -Log) | 1.203 |
| KM SD (logged) | 1.158 | 95% Critical H Value (KM-Log) | 2.414 |
| KM Standard Error of Mean (logged) | 0.153 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 2.154 | Mean in Log Scale | -0.953 |
| SD in Original Scale | 8.823 | SD in Log Scale | 1.22 |
| 95% t UCL (Assumes normality) | 3.875 | 95% H-Stat UCL | 1.159 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Lognormal Distributed at 10% Significance Level

**Suggested UCL to Use**

KM H-UCL 1.203

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (tph-diesel)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 160 | Number of Distinct Observations | 65 |
| Number of Detects | 66 | Number of Non-Detects | 94 |
| Number of Distinct Detects | 57 | Number of Distinct Non-Detects | 13 |
| Minimum Detect | 4.2 | Minimum Non-Detect | 3.7 |
| Maximum Detect | 24000 | Maximum Non-Detect | 200 |
| Variance Detects | 12515152 | Percent Non-Detects | 58.75% |
| Mean Detects | 1087 | SD Detects | 3538 |
| Median Detects | 21.5 | CV Detects | 3.255 |
| Skewness Detects | 4.993 | Kurtosis Detects | 28.55 |
| Mean of Logged Detects | 3.93 | SD of Logged Detects | 2.363 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.365 | **Normal GOF Test on Detected Observations Only** | |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.396 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.126 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 451 | KM Standard Error of Mean | 184.6 |

| | | | |
|---|---|---|---|
| 90KM SD | 2317 | 95% KM (BCA) UCL | 808.9 |
| 95% KM (t) UCL | 756.3 | 95% KM (Percentile Bootstrap) UCL | 793 |
| 95% KM (z) UCL | 754.6 | 95% KM Bootstrap t UCL | 1145 |
| 90% KM Chebyshev UCL | 1005 | 95% KM Chebyshev UCL | 1255 |
| 97.5% KM Chebyshev UCL | 1604 | 99% KM Chebyshev UCL | 2287 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 7.807 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.897 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.274 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.121 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.234 | k star (bias corrected MLE) | 0.234 |
| Theta hat (MLE) | 4635 | Theta star (bias corrected MLE) | 4646 |
| nu hat (MLE) | 30.95 | nu star (bias corrected) | 30.88 |
| Mean (detects) | 1087 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 448.3 |
| Maximum | 24000 | Median | 0.01 |
| SD | 2325 | CV | 5.185 |
| k hat (MLE) | 0.111 | k star (bias corrected MLE) | 0.113 |
| Theta hat (MLE) | 4025 | Theta star (bias corrected MLE) | 3951 |
| nu hat (MLE) | 35.65 | nu star (bias corrected) | 36.31 |
| Adjusted Level of Significance (β) | 0.0485 | | |
| Approximate Chi Square Value (36.31, α) | 23.52 | Adjusted Chi Square Value (36.31, β) | 23.43 |
| 95% Gamma Approximate UCL | 692.1 | 95% Gamma Adjusted UCL | 694.9 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 451 | SD (KM) | 2317 |
| Variance (KM) | 5368164 | SE of Mean (KM) | 184.6 |
| k hat (KM) | 0.0379 | k star (KM) | 0.0413 |
| nu hat (KM) | 12.12 | nu star (KM) | 13.23 |
| theta hat (KM) | 11904 | theta star (KM) | 10909 |
| 80% gamma percentile (KM) | 28.74 | 90% gamma percentile (KM) | 517.9 |
| 95% gamma percentile (KM) | 2203 | 99% gamma percentile (KM) | 10535 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (13.23, α) | 6.047 | Adjusted Chi Square Value (13.23, β) | 6.003 |
| 95% KM Approximate Gamma UCL | 986.6 | 95% KM Adjusted Gamma UCL | 993.8 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.848 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 5.2879E-9 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.166 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.0997 | Detected Data Not Lognormal at 10% Significance Level | |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 449 | Mean in Log Scale | 0.668 |
| SD in Original Scale | 2325 | SD in Log Scale | 3.56 |
| 95% t UCL (assumes normality of ROS data) | 753.1 | 95% Percentile Bootstrap UCL | 775.8 |
| 95% BCA Bootstrap UCL | 871.7 | 95% Bootstrap t UCL | 1043 |
| 95% H-UCL (Log ROS) | 4981 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 2.463 | KM Geo Mean | 11.74 |
| KM SD (logged) | 1.958 | 95% Critical H Value (KM-Log) | 3.258 |
| KM Standard Error of Mean (logged) | 0.157 | 95% H-UCL (KM -Log) | 132.3 |
| KM SD (logged) | 1.958 | 95% Critical H Value (KM-Log) | 3.258 |
| KM Standard Error of Mean (logged) | 0.157 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 451.8 | Mean in Log Scale | 2.396 |
| SD in Original Scale | 2324 | SD in Log Scale | 2.062 |
| 95% t UCL (Assumes normality) | 755.7 | 95% H-Stat UCL | 160.2 |

**DL/2 is not a recommended method, provided for comparisons and historical reasons**

**Nonparametric Distribution Free UCL Statistics**

**Data do not follow a Discernible Distribution**

**Suggested UCL to Use**

95% KM (t) UCL 756.3

**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**
**Please verify the data were collected from random locations.**
**If the data were collected using judgmental or other non-random methods,**
**then contact a statistician to correctly calculate UCLs.**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (tph-gasoline)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 138 | Number of Distinct Observations | 50 |
| Number of Detects | 17 | Number of Non-Detects | 121 |
| Number of Distinct Detects | 17 | Number of Distinct Non-Detects | 33 |
| Minimum Detect | 0.16 | Minimum Non-Detect | 0.063 |
| Maximum Detect | 11000 | Maximum Non-Detect | 200 |
| Variance Detects | 7796405 | Percent Non-Detects | 87.68% |
| Mean Detects | 1110 | SD Detects | 2792 |
| Median Detects | 9.4 | CV Detects | 2.517 |
| Skewness Detects | 3.203 | Kurtosis Detects | 10.85 |
| Mean of Logged Detects | 3.187 | SD of Logged Detects | 3.562 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.469 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.851 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.432 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.241 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 137 | KM Standard Error of Mean | 89.35 |
| 90KM SD | 1018 | 95% KM (BCA) UCL | 315.3 |
| 95% KM (t) UCL | 284.9 | 95% KM (Percentile Bootstrap) UCL | 304.6 |
| 95% KM (z) UCL | 283.9 | 95% KM Bootstrap t UCL | 665.7 |
| 90% KM Chebyshev UCL | 405 | 95% KM Chebyshev UCL | 526.4 |
| 97.5% KM Chebyshev UCL | 695 | 99% KM Chebyshev UCL | 1026 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.929 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.892 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.215 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.232 | Detected data appear Gamma Distributed at 5% Significance Level |

Detected data follow Appr. Gamma Distribution at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.193 | k star (bias corrected MLE) | 0.199 |
| Theta hat (MLE) | 5736 | Theta star (bias corrected MLE) | 5589 |
| nu hat (MLE) | 6.577 | nu star (bias corrected) | 6.749 |
| Mean (detects) | 1110 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 138.4 |
| Maximum | 11000 | Median | 0.01 |
| SD | 1022 | CV | 7.383 |
| k hat (MLE) | 0.096 | k star (bias corrected MLE) | 0.0987 |
| Theta hat (MLE) | 1442 | Theta star (bias corrected MLE) | 1402 |
| nu hat (MLE) | 26.5 | nu star (bias corrected) | 27.25 |
| Adjusted Level of Significance (β) | 0.0483 | | |
| Approximate Chi Square Value (27.25, α) | 16.35 | Adjusted Chi Square Value (27.25, β) | 16.26 |
| 95% Gamma Approximate UCL | 230.8 | 95% Gamma Adjusted UCL | 232 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 137 | SD (KM) | 1018 |
| Variance (KM) | 1036814 | SE of Mean (KM) | 89.35 |
| k hat (KM) | 0.0181 | k star (KM) | 0.0225 |
| nu hat (KM) | 4.995 | nu star (KM) | 6.22 |
| theta hat (KM) | 7569 | theta star (KM) | 6078 |
| 80% gamma percentile (KM) | 0.174 | 90% gamma percentile (KM) | 32.58 |
| 95% gamma percentile (KM) | 379.1 | 99% gamma percentile (KM) | 3764 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (6.22, α) | 1.753 | Adjusted Chi Square Value (6.22, β) | 1.729 |
| 95% KM Approximate Gamma UCL | 486 | 95% KM Adjusted Gamma UCL | 492.9 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.945 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.91 | Detected Data appear Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.134 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.19 | Detected Data appear Lognormal at 10% Significance Level |

**Detected Data appear Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 136.8 | Mean in Log Scale | -7.311 |
| SD in Original Scale | 1022 | SD in Log Scale | 6.026 |
| 95% t UCL (assumes normality of ROS data) | 280.9 | 95% Percentile Bootstrap UCL | 294.3 |
| 95% BCA Bootstrap UCL | 393.8 | 95% Bootstrap t UCL | 649.9 |
| 95% H-UCL (Log ROS) | 4370774 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -1.754 | KM Geo Mean | 0.173 |
| KM SD (logged) | 2.399 | 95% Critical H Value (KM-Log) | 3.768 |

| | | | |
|---|---|---|---|
| KM Standard Error of Mean (logged) | 0.244 | 95% H-UCL (KM -Log) | 6.665 |
| KM SD (logged) | 2.399 | 95% Critical H Value (KM-Log) | 3.768 |
| KM Standard Error of Mean (logged) | 0.244 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 141.3 | Mean in Log Scale | 0.643 |
| SD in Original Scale | 1021 | SD in Log Scale | 2.521 |
| 95% t UCL (Assumes normality) | 285.3 | 95% H-Stat UCL | 106.2 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Approximate Gamma Distributed at 5% Significance Level

**Suggested UCL to Use**

95% KM Approximate Gamma UCL 486

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

When a data set follows an approximate distribution passing only one of the GOF tests,
it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (tph-motor oil)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 158 | Number of Distinct Observations | 82 |
| Number of Detects | 109 | Number of Non-Detects | 49 |
| Number of Distinct Detects | 76 | Number of Distinct Non-Detects | 9 |
| Minimum Detect | 4.5 | Minimum Non-Detect | 3.7 |
| Maximum Detect | 33000 | Maximum Non-Detect | 10 |
| Variance Detects | 20223012 | Percent Non-Detects | 31.01% |
| Mean Detects | 1277 | SD Detects | 4497 |
| Median Detects | 22 | CV Detects | 3.522 |
| Skewness Detects | 5.104 | Kurtosis Detects | 29.13 |
| Mean of Logged Detects | 4.006 | SD of Logged Detects | 2.291 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.335 | **Normal GOF Test on Detected Observations Only** |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.39 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.0985 | Detected Data Not Normal at 1% Significance Level |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 882.1 | KM Standard Error of Mean | 300.9 |
| 90KM SD | 3764 | 95% KM (BCA) UCL | 1469 |
| 95% KM (t) UCL | 1380 | 95% KM (Percentile Bootstrap) UCL | 1426 |
| 95% KM (z) UCL | 1377 | 95% KM Bootstrap t UCL | 1765 |
| 90% KM Chebyshev UCL | 1785 | 95% KM Chebyshev UCL | 2194 |
| 97.5% KM Chebyshev UCL | 2761 | 99% KM Chebyshev UCL | 3876 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 14.19 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.903 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.299 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.0961 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.229 | k star (bias corrected MLE) | 0.229 |
| Theta hat (MLE) | 5577 | Theta star (bias corrected MLE) | 5581 |
| nu hat (MLE) | 49.91 | nu star (bias corrected) | 49.87 |
| Mean (detects) | 1277 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 880.8 |
| Maximum | 33000 | Median | 10 |
| SD | 3777 | CV | 4.288 |
| k hat (MLE) | 0.142 | k star (bias corrected MLE) | 0.144 |
| Theta hat (MLE) | 6193 | Theta star (bias corrected MLE) | 6128 |
| nu hat (MLE) | 44.94 | nu star (bias corrected) | 45.42 |
| Adjusted Level of Significance (β) | 0.0485 | | |
| Approximate Chi Square Value (45.42, α) | 30.96 | Adjusted Chi Square Value (45.42, β) | 30.85 |
| 95% Gamma Approximate UCL | 1292 | 95% Gamma Adjusted UCL | 1297 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 882.1 | SD (KM) | 3764 |

| | | | |
|---|---|---|---|
| Variance (KM) | 14169790 | SE of Mean (KM) | 300.9 |
| k hat (KM) | 0.0549 | k star (KM) | 0.0581 |
| nu hat (KM) | 17.35 | nu star (KM) | 18.36 |
| theta hat (KM) | 16063 | theta star (KM) | 15185 |
| 80% gamma percentile (KM) | 194.1 | 90% gamma percentile (KM) | 1606 |
| 95% gamma percentile (KM) | 4907 | 99% gamma percentile (KM) | 18043 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (18.36, α) | 9.65 | Adjusted Chi Square Value (18.36, β) | 9.591 |
| 95% KM Approximate Gamma UCL | 1678 | 95% KM Adjusted Gamma UCL | 1688 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.845 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 0 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.173 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.0779 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 881.1 | Mean in Log Scale | 2.488 |
| SD in Original Scale | 3776 | SD in Log Scale | 3.067 |
| 95% t UCL (assumes normality of ROS data) | 1378 | 95% Percentile Bootstrap UCL | 1405 |
| 95% BCA Bootstrap UCL | 1557 | 95% Bootstrap t UCL | 1668 |
| 95% H-UCL (Log ROS) | 4166 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 3.2 | KM Geo Mean | 24.54 |
| KM SD (logged) | 2.247 | 95% Critical H Value (KM-Log) | 3.613 |
| KM Standard Error of Mean (logged) | 0.18 | 95% H-UCL (KM -Log) | 585.6 |
| KM SD (logged) | 2.247 | 95% Critical H Value (KM-Log) | 3.613 |
| KM Standard Error of Mean (logged) | 0.18 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 881.8 | Mean in Log Scale | 3.086 |
| SD in Original Scale | 3776 | SD in Log Scale | 2.358 |
| 95% t UCL (Assumes normality) | 1379 | 95% H-Stat UCL | 714.5 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 1380

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (trans-1,2-dichloroethene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 116 | Number of Distinct Observations | 61 |
| Number of Detects | 4 | Number of Non-Detects | 112 |
| Number of Distinct Detects | 4 | Number of Distinct Non-Detects | 59 |
| Minimum Detect | 4.3000E-4 | Minimum Non-Detect | 2.2000E-4 |
| Maximum Detect | 0.036 | Maximum Non-Detect | 1.5 |
| Variance Detects | 2.9077E-4 | Percent Non-Detects | 96.55% |
| Mean Detects | 0.0106 | SD Detects | 0.0171 |
| Median Detects | 0.00306 | CV Detects | 1.603 |
| Skewness Detects | 1.903 | Kurtosis Detects | 3.639 |
| Mean of Logged Detects | -5.856 | SD of Logged Detects | 1.995 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.728 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.687 | Detected Data appear Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.373 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.413 | Detected Data appear Normal at 1% Significance Level |

Detected Data appear Normal at 1% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 6.2388E-4 | KM Standard Error of Mean | 3.7225E-4 |
| 90KM SD | 0.0034 | 95% KM (BCA) UCL | N/A |
| 95% KM (t) UCL | 0.00124 | 95% KM (Percentile Bootstrap) UCL | N/A |
| 95% KM (z) UCL | 0.00124 | 95% KM Bootstrap t UCL | N/A |
| 90% KM Chebyshev UCL | 0.00174 | 95% KM Chebyshev UCL | 0.00225 |
| 97.5% KM Chebyshev UCL | 0.00295 | 99% KM Chebyshev UCL | 0.00433 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.364 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.683 | Detected data appear Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.274 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.411 | Detected data appear Gamma Distributed at 5% Significance Level |

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

Detected data appear Gamma Distributed at 5% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.486 | k star (bias corrected MLE) | 0.288 |
| Theta hat (MLE) | 0.0219 | Theta star (bias corrected MLE) | 0.0369 |
| nu hat (MLE) | 3.889 | nu star (bias corrected) | 2.306 |
| Mean (detects) | 0.0106 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 4.3000E-4 | Mean | 0.01 |
| Maximum | 0.036 | Median | 0.01 |
| SD | 0.00276 | CV | 0.275 |
| k hat (MLE) | 11.2 | k star (bias corrected MLE) | 10.91 |
| Theta hat (MLE) | 8.9493E-4 | Theta star (bias corrected MLE) | 9.1821E-4 |
| nu hat (MLE) | 2598 | nu star (bias corrected) | 2532 |
| Adjusted Level of Significance (β) | 0.0479 | | |
| Approximate Chi Square Value (N/A, α) | 2416 | Adjusted Chi Square Value (N/A, β) | 2415 |
| 95% Gamma Approximate UCL | 0.0105 | 95% Gamma Adjusted UCL | N/A |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 6.2388E-4 | SD (KM) | 0.0034 |
| Variance (KM) | 1.1553E-5 | SE of Mean (KM) | 3.7225E-4 |
| k hat (KM) | 0.0337 | k star (KM) | 0.0386 |
| nu hat (KM) | 7.816 | nu star (KM) | 8.947 |
| theta hat (KM) | 0.0185 | theta star (KM) | 0.0162 |
| 80% gamma percentile (KM) | 2.8816E-5 | 90% gamma percentile (KM) | 6.3310E-4 |
| 95% gamma percentile (KM) | 0.00293 | 99% gamma percentile (KM) | 0.0149 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (8.95, α) | 3.295 | Adjusted Chi Square Value (8.95, β) | 3.252 |
| 95% KM Approximate Gamma UCL | 0.00169 | 95% KM Adjusted Gamma UCL | 0.00172 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.943 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.792 | Detected Data appear Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.235 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.346 | Detected Data appear Lognormal at 10% Significance Level | |

Detected Data appear Lognormal at 10% Significance Level

Note GOF tests may be unreliable for small sample sizes

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 3.7130E-4 | Mean in Log Scale | -13.36 |
| SD in Original Scale | 0.00337 | SD in Log Scale | 2.248 |
| 95% t UCL (assumes normality of ROS data) | 8.9073E-4 | 95% Percentile Bootstrap UCL | 9.8460E-4 |
| 95% BCA Bootstrap UCL | 0.0014 | 95% Bootstrap t UCL | 0.0164 |
| 95% H-UCL (Log ROS) | 4.2451E-5 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -8.263 | KM Geo Mean | 2.5796E-4 |
| KM SD (logged) | 0.627 | 95% Critical H Value (KM-Log) | 1.917 |
| KM Standard Error of Mean (logged) | 0.0893 | 95% H-UCL (KM -Log) | 3.5123E-4 |
| KM SD (logged) | 0.627 | 95% Critical H Value (KM-Log) | 1.917 |
| KM Standard Error of Mean (logged) | 0.0893 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.0129 | Mean in Log Scale | -6.774 |
| SD in Original Scale | 0.0832 | SD in Log Scale | 1.483 |
| 95% t UCL (Assumes normality) | 0.0257 | 95% H-Stat UCL | 0.005 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Detected Data appear Normal Distributed at 1% Significance Level

**Suggested UCL to Use**

95% KM (t) UCL 0.00124

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (trichloroethene)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 116 | Number of Distinct Observations | 62 |
| Number of Detects | 44 | Number of Non-Detects | 72 |
| Number of Distinct Detects | 38 | Number of Distinct Non-Detects | 35 |
| Minimum Detect | 2.6000E-4 | Minimum Non-Detect | 2.8000E-4 |

| | | | |
|---|---|---|---|
| Maximum Detect | 1.2 | Maximum Non-Detect | 1.5 |
| Variance Detects | 0.0358 | Percent Non-Detects | 62.07% |
| Mean Detects | 0.0468 | SD Detects | 0.189 |
| Median Detects | 0.00285 | CV Detects | 4.045 |
| Skewness Detects | 5.654 | Kurtosis Detects | 33.95 |
| Mean of Logged Detects | -5.549 | SD of Logged Detects | 1.797 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.273 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.924 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.463 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.154 | Detected Data Not Normal at 1% Significance Level |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.0183 | KM Standard Error of Mean | 0.0111 |
| 90KM SD | 0.118 | 95% KM (BCA) UCL | 0.0383 |
| 95% KM (t) UCL | 0.0367 | 95% KM (Percentile Bootstrap) UCL | 0.0383 |
| 95% KM (z) UCL | 0.0366 | 95% KM Bootstrap t UCL | 0.129 |
| 90% KM Chebyshev UCL | 0.0517 | 95% KM Chebyshev UCL | 0.0668 |
| 97.5% KM Chebyshev UCL | 0.0877 | 99% KM Chebyshev UCL | 0.129 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 6.612 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.871 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.332 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.146 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.28 | k star (bias corrected MLE) | 0.276 |
| Theta hat (MLE) | 0.167 | Theta star (bias corrected MLE) | 0.169 |
| nu hat (MLE) | 24.67 | nu star (bias corrected) | 24.32 |
| Mean (detects) | 0.0468 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.6000E-4 | Mean | 0.024 |
| Maximum | 1.2 | Median | 0.01 |
| SD | 0.117 | CV | 4.889 |
| k hat (MLE) | 0.514 | k star (bias corrected MLE) | 0.506 |

| | | | |
|---|---|---|---|
| Theta hat (MLE) | 0.0466 | Theta star (bias corrected MLE) | 0.0473 |
| nu hat (MLE) | 119.2 | nu star (bias corrected) | 117.4 |
| Adjusted Level of Significance (β) | 0.0479 | | |
| Approximate Chi Square Value (117.41, α) | 93.39 | Adjusted Chi Square Value (117.41, β) | 93.12 |
| 95% Gamma Approximate UCL | 0.0301 | 95% Gamma Adjusted UCL | 0.0302 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.0183 | SD (KM) | 0.118 |
| Variance (KM) | 0.0139 | SE of Mean (KM) | 0.0111 |
| k hat (KM) | 0.0241 | k star (KM) | 0.0292 |
| nu hat (KM) | 5.596 | nu star (KM) | 6.785 |
| theta hat (KM) | 0.759 | theta star (KM) | 0.626 |
| 80% gamma percentile (KM) | 1.7482E-4 | 90% gamma percentile (KM) | 0.00996 |
| 95% gamma percentile (KM) | 0.0692 | 99% gamma percentile (KM) | 0.476 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (6.78, α) | 2.053 | Adjusted Chi Square Value (6.78, β) | 2.021 |
| 95% KM Approximate Gamma UCL | 0.0605 | 95% KM Adjusted Gamma UCL | 0.0615 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.903 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk Critical Value | 0.952 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.147 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.122 | Detected Data Not Lognormal at 10% Significance Level | |

**Detected Data Not Lognormal at 10% Significance Level**

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.018 | Mean in Log Scale | -7.301 |
| SD in Original Scale | 0.118 | SD in Log Scale | 1.945 |
| 95% t UCL (assumes normality of ROS data) | 0.0361 | 95% Percentile Bootstrap UCL | 0.039 |
| 95% BCA Bootstrap UCL | 0.0522 | 95% Bootstrap t UCL | 0.129 |
| 95% H-UCL (Log ROS) | 0.00808 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -6.877 | KM Geo Mean | 0.00103 |
| KM SD (logged) | 1.631 | 95% Critical H Value (KM-Log) | 2.886 |
| KM Standard Error of Mean (logged) | 0.172 | 95% H-UCL (KM -Log) | 0.00605 |
| KM SD (logged) | 1.631 | 95% Critical H Value (KM-Log) | 2.886 |
| KM Standard Error of Mean (logged) | 0.172 | | |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 0.0253 | Mean in Log Scale | -6.369 |
| SD in Original Scale | 0.136 | SD in Log Scale | 1.638 |

| | | | |
|---|---|---|---|
| 95% t UCL (Assumes normality) | 0.0463 | 95% H-Stat UCL | 0.0102 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 0.0367

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (vanadium)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 110 |
| | | Number of Missing Observations | 0 |
| Minimum | 2.42 | Mean | 25.8 |
| Maximum | 54 | Median | 25 |
| SD | 12.14 | Std. Error of Mean | 1.073 |
| Coefficient of Variation | 0.47 | Skewness | 0.122 |

**Normal GOF Test**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.964 | **Shapiro Wilk GOF Test** | |
| 1% Shapiro Wilk P Value | 0.0213 | Data appear Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.0531 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.091 | Data appear Normal at 1% Significance Level | |

Data appear Normal at 1% Significance Level

**Assuming Normal Distribution**

| **95% Normal UCL** | | **95% UCLs (Adjusted for Skewness)** | |
|---|---|---|---|
| 95% Student's-t UCL | 27.58 | 95% Adjusted-CLT UCL (Chen-1995) | 27.58 |
| | | 95% Modified-t UCL (Johnson-1978) | 27.58 |

**Gamma GOF Test**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 1.687 | **Anderson-Darling Gamma GOF Test** | |
| 5% A-D Critical Value | 0.758 | Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.113 | **Kolmogorov-Smirnov Gamma GOF Test** | |

| | | |
|---|---|---|
| 5% K-S Critical Value | 0.0827 | Data Not Gamma Distributed at 5% Significance Level |

Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics**

| | | | |
|---|---|---|---|
| k hat (MLE) | 3.517 | k star (bias corrected MLE) | 3.44 |
| Theta hat (MLE) | 7.335 | Theta star (bias corrected MLE) | 7.5 |
| nu hat (MLE) | 900.4 | nu star (bias corrected) | 880.7 |
| MLE Mean (bias corrected) | 25.8 | MLE Sd (bias corrected) | 13.91 |
| | | Approximate Chi Square Value (0.05) | 812.8 |
| Adjusted Level of Significance | 0.0481 | Adjusted Chi Square Value | 812 |

**Assuming Gamma Distribution**

| | | | |
|---|---|---|---|
| 95% Approximate Gamma UCL | 27.96 | 95% Adjusted Gamma UCL | 27.98 |

**Lognormal GOF Test**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.905 | **Shapiro Wilk Lognormal GOF Test** | |
| 10% Shapiro Wilk P Value | 2.590E-11 | Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.148 | **Lilliefors Lognormal GOF Test** | |
| 10% Lilliefors Critical Value | 0.072 | Data Not Lognormal at 10% Significance Level | |

Data Not Lognormal at 10% Significance Level

**Lognormal Statistics**

| | | | |
|---|---|---|---|
| Minimum of Logged Data | 0.884 | Mean of logged Data | 3.102 |
| Maximum of Logged Data | 3.989 | SD of logged Data | 0.61 |

**Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| 95% H-UCL | 29.68 | 90% Chebyshev (MVUE) UCL | 31.43 |
| 95% Chebyshev (MVUE) UCL | 33.55 | 97.5% Chebyshev (MVUE) UCL | 36.5 |
| 99% Chebyshev (MVUE) UCL | 42.29 | | |

**Nonparametric Distribution Free UCL Statistics**

Data appear to follow a Discernible Distribution

**Nonparametric Distribution Free UCLs**

| | | | |
|---|---|---|---|
| 95% CLT UCL | 27.57 | 95% BCA Bootstrap UCL | 27.64 |
| 95% Standard Bootstrap UCL | 27.58 | 95% Bootstrap-t UCL | 27.61 |
| 95% Hall's Bootstrap UCL | 27.6 | 95% Percentile Bootstrap UCL | 27.58 |
| 90% Chebyshev(Mean, Sd) UCL | 29.02 | 95% Chebyshev(Mean, Sd) UCL | 30.48 |
| 97.5% Chebyshev(Mean, Sd) UCL | 32.5 | 99% Chebyshev(Mean, Sd) UCL | 36.47 |

**Suggested UCL to Use**

| | |
|---|---|
| 95% Student's-t UCL | 27.58 |

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (vinyl chloride)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 116 | Number of Distinct Observations | 68 |
| Number of Detects | 8 | Number of Non-Detects | 108 |
| Number of Distinct Detects | 7 | Number of Distinct Non-Detects | 62 |
| Minimum Detect | 5.1000E-4 | Minimum Non-Detect | 2.7000E-4 |
| Maximum Detect | 0.1 | Maximum Non-Detect | 1.5 |
| Variance Detects | 0.0012 | Percent Non-Detects | 93.1% |
| Mean Detects | 0.018 | SD Detects | 0.0347 |
| Median Detects | 0.00102 | CV Detects | 1.925 |
| Skewness Detects | 2.411 | Kurtosis Detects | 5.946 |
| Mean of Logged Detects | -5.784 | SD of Logged Detects | 2.029 |

**Normal GOF Test on Detects Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.601 | **Shapiro Wilk GOF Test** |
| 1% Shapiro Wilk Critical Value | 0.749 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.341 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.333 | Detected Data Not Normal at 1% Significance Level |

**Detected Data Not Normal at 1% Significance Level**

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 0.00157 | KM Standard Error of Mean | 9.7363E-4 |
| 90KM SD | 0.00971 | 95% KM (BCA) UCL | 0.00338 |
| 95% KM (t) UCL | 0.00318 | 95% KM (Percentile Bootstrap) UCL | 0.00324 |
| 95% KM (z) UCL | 0.00317 | 95% KM Bootstrap t UCL | 0.0127 |
| 90% KM Chebyshev UCL | 0.00449 | 95% KM Chebyshev UCL | 0.00581 |
| 97.5% KM Chebyshev UCL | 0.00765 | 99% KM Chebyshev UCL | 0.0113 |

**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 0.876 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 0.784 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.355 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.314 | Detected Data Not Gamma Distributed at 5% Significance Level |

**Detected Data Not Gamma Distributed at 5% Significance Level**

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.376 | k star (bias corrected MLE) | 0.318 |
| Theta hat (MLE) | 0.0479 | Theta star (bias corrected MLE) | 0.0565 |
| nu hat (MLE) | 6.019 | nu star (bias corrected) | 5.095 |
| Mean (detects) | 0.018 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 5.1000E-4 | Mean | 0.0106 |
| Maximum | 0.1 | Median | 0.01 |
| SD | 0.00879 | CV | 0.833 |
| k hat (MLE) | 3.862 | k star (bias corrected MLE) | 3.768 |
| Theta hat (MLE) | 0.00273 | Theta star (bias corrected MLE) | 0.0028 |
| nu hat (MLE) | 896 | nu star (bias corrected) | 874.1 |
| Adjusted Level of Significance (β) | 0.0479 | | |
| Approximate Chi Square Value (874.13, α) | 806.5 | Adjusted Chi Square Value (874.13, β) | 805.7 |
| 95% Gamma Approximate UCL | 0.0114 | 95% Gamma Adjusted UCL | 0.0114 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 0.00157 | SD (KM) | 0.00971 |
| Variance (KM) | 9.4342E-5 | SE of Mean (KM) | 9.7363E-4 |
| k hat (KM) | 0.026 | k star (KM) | 0.0311 |
| nu hat (KM) | 6.031 | nu star (KM) | 7.208 |
| theta hat (KM) | 0.0602 | theta star (KM) | 0.0504 |
| 80% gamma percentile (KM) | 2.2073E-5 | 90% gamma percentile (KM) | 9.9609E-4 |
| 95% gamma percentile (KM) | 0.00626 | 99% gamma percentile (KM) | 0.0401 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (7.21, α) | 2.286 | Adjusted Chi Square Value (7.21, β) | 2.251 |
| 95% KM Approximate Gamma UCL | 0.00494 | 95% KM Adjusted Gamma UCL | 0.00501 |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Test Statistic | 0.828 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk Critical Value | 0.851 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.319 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.265 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 0.00125 | Mean in Log Scale | -11.82 |
| SD in Original Scale | 0.0097 | SD in Log Scale | 2.266 |
| 95% t UCL (assumes normality of ROS data) | 0.00275 | 95% Percentile Bootstrap UCL | 0.00298 |
| 95% BCA Bootstrap UCL | 0.00443 | 95% Bootstrap t UCL | 0.013 |
| 95% H-UCL (Log ROS) | 2.0802E-4 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -7.945 | KM Geo Mean | 3.5452E-4 |
| KM SD (logged) | 0.832 | 95% Critical H Value (KM-Log) | 2.072 |
| KM Standard Error of Mean (logged) | 0.101 | 95% H-UCL (KM -Log) | 5.8841E-4 |
| KM SD (logged) | 0.832 | 95% Critical H Value (KM-Log) | 2.072 |
| KM Standard Error of Mean (logged) | 0.101 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 0.0137 | Mean in Log Scale | -6.733 |
| SD in Original Scale | 0.0836 | SD in Log Scale | 1.499 |
| 95% t UCL (Assumes normality) | 0.0266 | 95% H-Stat UCL | 0.00537 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 0.00318

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (xylenes)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 152 | Number of Distinct Observations | 78 |
| Number of Detects | 64 | Number of Non-Detects | 88 |
| Number of Distinct Detects | 52 | Number of Distinct Non-Detects | 36 |
| Minimum Detect | 2.3000E-4 | Minimum Non-Detect | 3.7000E-4 |
| Maximum Detect | 1010 | Maximum Non-Detect | 0.02 |
| Variance Detects | 20076 | Percent Non-Detects | 57.89% |
| Mean Detects | 25.9 | SD Detects | 141.7 |
| Median Detects | 0.00215 | CV Detects | 5.47 |
| Skewness Detects | 6.222 | Kurtosis Detects | 40.28 |
| Mean of Logged Detects | -4.786 | SD of Logged Detects | 3.409 |

**Normal GOF Test on Detects Only**

Shapiro Wilk Test Statistic 0.203 **Normal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level |
| Lilliefors Test Statistic | 0.501 | **Lilliefors GOF Test** |
| 1% Lilliefors Critical Value | 0.128 | Detected Data Not Normal at 1% Significance Level |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 10.91 | KM Standard Error of Mean | 7.53 |
| 90KM SD | 92.11 | 95% KM (BCA) UCL | 26.71 |
| 95% KM (t) UCL | 23.37 | 95% KM (Percentile Bootstrap) UCL | 24.72 |
| 95% KM (z) UCL | 23.29 | 95% KM Bootstrap t UCL | 184.7 |
| 90% KM Chebyshev UCL | 33.5 | 95% KM Chebyshev UCL | 43.73 |
| 97.5% KM Chebyshev UCL | 57.93 | 99% KM Chebyshev UCL | 85.83 |

**Gamma GOF Tests on Detected Observations Only**

| | | |
|---|---|---|
| A-D Test Statistic | 15.2 | **Anderson-Darling GOF Test** |
| 5% A-D Critical Value | 1.01 | Detected Data Not Gamma Distributed at 5% Significance Level |
| K-S Test Statistic | 0.383 | **Kolmogorov-Smirnov GOF** |
| 5% K-S Critical Value | 0.128 | Detected Data Not Gamma Distributed at 5% Significance Level |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.101 | k star (bias corrected MLE) | 0.107 |
| Theta hat (MLE) | 256.8 | Theta star (bias corrected MLE) | 243.1 |
| nu hat (MLE) | 12.91 | nu star (bias corrected) | 13.64 |
| Mean (detects) | 25.9 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 2.3000E-4 | Mean | 10.91 |
| Maximum | 1010 | Median | 0.01 |
| SD | 92.42 | CV | 8.468 |
| k hat (MLE) | 0.113 | k star (bias corrected MLE) | 0.115 |
| Theta hat (MLE) | 96.54 | Theta star (bias corrected MLE) | 94.73 |
| nu hat (MLE) | 34.36 | nu star (bias corrected) | 35.02 |
| Adjusted Level of Significance (β) | 0.0484 | | |
| Approximate Chi Square Value (35.02, α) | 22.48 | Adjusted Chi Square Value (35.02, β) | 22.39 |
| 95% Gamma Approximate UCL | 17 | 95% Gamma Adjusted UCL | 17.07 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 10.91 | SD (KM) | 92.11 |
| Variance (KM) | 8485 | SE of Mean (KM) | 7.53 |

| | | | |
|---|---|---|---|
| k hat (KM) | 0.014 | k star (KM) | 0.0181 |
| nu hat (KM) | 4.263 | nu star (KM) | 5.512 |
| theta hat (KM) | 777.9 | theta star (KM) | 601.6 |
| 80% gamma percentile (KM) | 0.00155 | 90% gamma percentile (KM) | 1.028 |
| 95% gamma percentile (KM) | 20.95 | 99% gamma percentile (KM) | 307.6 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (5.51, α) | 1.396 | Adjusted Chi Square Value (5.51, β) | 1.376 |
| 95% KM Approximate Gamma UCL | 43.07 | 95% KM Adjusted Gamma UCL | 43.68 |

**Lognormal GOF Test on Detected Observations Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.746 | **Shapiro Wilk GOF Test** | |
| 10% Shapiro Wilk P Value | 1.188E-14 | Detected Data Not Lognormal at 10% Significance Level | |
| Lilliefors Test Statistic | 0.249 | **Lilliefors GOF Test** | |
| 10% Lilliefors Critical Value | 0.101 | Detected Data Not Lognormal at 10% Significance Level | |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 10.91 | Mean in Log Scale | -8.065 |
| SD in Original Scale | 92.42 | SD in Log Scale | 3.858 |
| 95% t UCL (assumes normality of ROS data) | 23.31 | 95% Percentile Bootstrap UCL | 24.54 |
| 95% BCA Bootstrap UCL | 31.61 | 95% Bootstrap t UCL | 167.8 |
| 95% H-UCL (Log ROS) | 3.233 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | -6.606 | KM Geo Mean | 0.00135 |
| KM SD (logged) | 2.733 | 95% Critical H Value (KM-Log) | 4.222 |
| KM Standard Error of Mean (logged) | 0.232 | 95% H-UCL (KM -Log) | 0.145 |
| KM SD (logged) | 2.733 | 95% Critical H Value (KM-Log) | 4.222 |
| KM Standard Error of Mean (logged) | 0.232 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| **DL/2 Normal** | | **DL/2 Log-Transformed** | |
|---|---|---|---|
| Mean in Original Scale | 10.91 | Mean in Log Scale | -6.33 |
| SD in Original Scale | 92.42 | SD in Log Scale | 2.676 |
| 95% t UCL (Assumes normality) | 23.31 | 95% H-Stat UCL | 0.158 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

95% KM (t) UCL 23.37

**APPENDIX D**

**ESTIMATION OF REPRESENTATIVE EXPOSURE POINT CONCENTRATIONS FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL (0 TO 10 FEET BGS) - PROUCL OUTPUT**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**Result (zinc)**

**General Statistics**

| | | | |
|---|---|---|---|
| Total Number of Observations | 128 | Number of Distinct Observations | 114 |
| Number of Detects | 124 | Number of Non-Detects | 4 |
| Number of Distinct Detects | 111 | Number of Distinct Non-Detects | 3 |
| Minimum Detect | 12 | Minimum Non-Detect | 9.62 |
| Maximum Detect | 4460 | Maximum Non-Detect | 9.9 |
| Variance Detects | 204253 | Percent Non-Detects | 3.125% |
| Mean Detects | 129.2 | SD Detects | 451.9 |
| Median Detects | 43.8 | CV Detects | 3.499 |
| Skewness Detects | 7.892 | Kurtosis Detects | 70.91 |
| Mean of Logged Detects | 3.899 | SD of Logged Detects | 0.974 |

**Normal GOF Test on Detects Only**

| | | | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.254 | **Normal GOF Test on Detected Observations Only** | |
| 1% Shapiro Wilk P Value | 0 | Detected Data Not Normal at 1% Significance Level | |
| Lilliefors Test Statistic | 0.404 | **Lilliefors GOF Test** | |
| 1% Lilliefors Critical Value | 0.0924 | Detected Data Not Normal at 1% Significance Level | |

Detected Data Not Normal at 1% Significance Level

**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**

| | | | |
|---|---|---|---|
| KM Mean | 125.4 | KM Standard Error of Mean | 39.36 |
| 90KM SD | 443.5 | 95% KM (BCA) UCL | 200.8 |
| 95% KM (t) UCL | 190.7 | 95% KM (Percentile Bootstrap) UCL | 197.3 |
| 95% KM (z) UCL | 190.2 | 95% KM Bootstrap t UCL | 281.4 |
| 90% KM Chebyshev UCL | 243.5 | 95% KM Chebyshev UCL | 297 |
| 97.5% KM Chebyshev UCL | 371.2 | 99% KM Chebyshev UCL | 517.1 |

**Gamma GOF Tests on Detected Observations Only**

| | | | |
|---|---|---|---|
| A-D Test Statistic | 18.1 | **Anderson-Darling GOF Test** | |
| 5% A-D Critical Value | 0.806 | Detected Data Not Gamma Distributed at 5% Significance Level | |
| K-S Test Statistic | 0.317 | **Kolmogorov-Smirnov GOF** | |
| 5% K-S Critical Value | 0.0872 | Detected Data Not Gamma Distributed at 5% Significance Level | |

Detected Data Not Gamma Distributed at 5% Significance Level

**Gamma Statistics on Detected Data Only**

| | | | |
|---|---|---|---|
| k hat (MLE) | 0.637 | k star (bias corrected MLE) | 0.627 |
| Theta hat (MLE) | 202.9 | Theta star (bias corrected MLE) | 206.1 |
| nu hat (MLE) | 157.9 | nu star (bias corrected) | 155.4 |
| Mean (detects) | 129.2 | | |

**Gamma ROS Statistics using Imputed Non-Detects**

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)
For such situations, GROS method may yield incorrect values of UCLs and BTVs
This is especially true when the sample size is small.
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

| | | | |
|---|---|---|---|
| Minimum | 0.01 | Mean | 125.1 |
| Maximum | 4460 | Median | 42.85 |
| SD | 445.3 | CV | 3.559 |
| k hat (MLE) | 0.527 | k star (bias corrected MLE) | 0.52 |
| Theta hat (MLE) | 237.5 | Theta star (bias corrected MLE) | 240.8 |
| nu hat (MLE) | 134.9 | nu star (bias corrected) | 133 |
| Adjusted Level of Significance (β) | 0.0481 | | |
| Approximate Chi Square Value (133.03, α) | 107.4 | Adjusted Chi Square Value (133.03, β) | 107.1 |
| 95% Gamma Approximate UCL | 155 | 95% Gamma Adjusted UCL | 155.4 |

**Estimates of Gamma Parameters using KM Estimates**

| | | | |
|---|---|---|---|
| Mean (KM) | 125.4 | SD (KM) | 443.5 |
| Variance (KM) | 196707 | SE of Mean (KM) | 39.36 |
| k hat (KM) | 0.08 | k star (KM) | 0.0833 |
| nu hat (KM) | 20.48 | nu star (KM) | 21.33 |
| theta hat (KM) | 1568 | theta star (KM) | 1505 |
| 80% gamma percentile (KM) | 64.49 | 90% gamma percentile (KM) | 304.9 |
| 95% gamma percentile (KM) | 730.5 | 99% gamma percentile (KM) | 2179 |

**Gamma Kaplan-Meier (KM) Statistics**

| | | | |
|---|---|---|---|
| Approximate Chi Square Value (21.33, α) | 11.84 | Adjusted Chi Square Value (21.33, β) | 11.76 |
| 95% KM Approximate Gamma UCL | 226 | 95% KM Adjusted Gamma UCL | 227.6 |

**Lognormal GOF Test on Detected Observations Only**

| | | |
|---|---|---|
| Shapiro Wilk Approximate Test Statistic | 0.836 | **Shapiro Wilk GOF Test** |
| 10% Shapiro Wilk P Value | 0 | Detected Data Not Lognormal at 10% Significance Level |
| Lilliefors Test Statistic | 0.163 | **Lilliefors GOF Test** |
| 10% Lilliefors Critical Value | 0.0731 | Detected Data Not Lognormal at 10% Significance Level |

Detected Data Not Lognormal at 10% Significance Level

**Lognormal ROS Statistics Using Imputed Non-Detects**

| | | | |
|---|---|---|---|
| Mean in Original Scale | 125.3 | Mean in Log Scale | 3.83 |
| SD in Original Scale | 445.3 | SD in Log Scale | 1.033 |

| | | | |
|---|---|---|---|
| 95% t UCL (assumes normality of ROS data) | 190.5 | 95% Percentile Bootstrap UCL | 199.7 |
| 95% BCA Bootstrap UCL | 225.2 | 95% Bootstrap t UCL | 280.7 |
| 95% H-UCL (Log ROS) | 96.27 | | |

**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**

| | | | |
|---|---|---|---|
| KM Mean (logged) | 3.848 | KM Geo Mean | 46.9 |
| KM SD (logged) | 0.996 | 95% Critical H Value (KM-Log) | 2.187 |
| KM Standard Error of Mean (logged) | 0.0884 | 95% H-UCL (KM -Log) | 93.47 |
| KM SD (logged) | 0.996 | 95% Critical H Value (KM-Log) | 2.187 |
| KM Standard Error of Mean (logged) | 0.0884 | | |

Note: KM UCLs may be biased low with this dataset. Other substitution method recommended

**DL/2 Statistics**

| DL/2 Normal | | DL/2 Log-Transformed | |
|---|---|---|---|
| Mean in Original Scale | 125.3 | Mean in Log Scale | 3.827 |
| SD in Original Scale | 445.3 | SD in Log Scale | 1.04 |
| 95% t UCL (Assumes normality) | 190.5 | 95% H-Stat UCL | 96.89 |

DL/2 is not a recommended method, provided for comparisons and historical reasons

**Nonparametric Distribution Free UCL Statistics**

Data do not follow a Discernible Distribution

**Suggested UCL to Use**

| | |
|---|---|
| 95% KM (t) UCL | 190.7 |

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.
Please verify the data were collected from random locations.
If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

# APPENDIX E
# Uncertainties in the Human Health Risk Evaluation

# APPENDIX E – UNCERTAINTIES IN THE RISK EVALUATION

## 1. Introduction

Risk assessment includes several uncertainties that warrant discussion. Many of the assumptions used in this human health risk evaluation regarding the representativeness of the sampling data, human exposures, fate and transport modeling, and chemical toxicity are conservative, following agency guidance, and reflect a 90th or 95th percentile value, rather than a typical or average value. The use of several conservative exposure and toxicity assumptions can introduce considerable uncertainty into the risk evaluation. By using conservative exposure or toxicity estimates, the evaluation can develop a significant conservative bias that may result in the calculation of significantly higher cancer risks or non-cancer hazards than are actually posed by the chemicals present in soil and soil gas at the subject property located at 2200-2226 Rosemead Boulevard in South El Monte, California (Site). A discussion of the key uncertainties used in this evaluation for the Site is presented below.

## 2. Uncertainties in the Data Evaluation

Data evaluation and the selection of Site-related chemicals of potential concern (COPCs) to be included in the human health risk evaluation were based on the results of the sampling and analytical program. The factors that contribute to the uncertainties associated with the identification of COPCs are inherent in the data collection and data evaluation processes, including appropriate sample locations, adequate sample quantities, laboratory analyses, data validation, and treatment of validated samples.

As described in the PEA Report previously prepared for the Site (ENVIRO-TOX Services, Inc., 2022), environmental investigations at the Site date back to the 1980s, with multiple soil, soil gas, and groundwater investigations being conducted between 1986 and 1998. Additional soil and soil gas investigations were conducted in 2020 and 2021 to evaluate site conditions in advance of planned demolition and industrial redevelopment. Further Site-wide soil, soil gas, and groundwater sampling was completed in March and April 2023 to characterize current Site conditions and evaluate the effectiveness of a soil vapor extraction system that was installed at the Site and operated from July 2022 to December 2022. In June 2023, additional soil samples were collected to further characterize polychlorinated biphenyls (PCBs). Additional soil delineation of PCBs, lead, arsenic, and hexavalent chromium sampling was conducted by Haley & Aldrich in January 2024. More than 700 soil, soil gas, and groundwater samples have been collected at the 5-acre Site. As such, the datasets for the human health risk evaluation were developed from a very robust and comprehensive sampling program.

Soil data were reported on a wet-weight basis for samples collected prior to the June 2023 sampling event. California Environmental Protection Agency (Cal/EPA) guidance recommends the use of dry weight concentrations for data to be included in a human health risk evaluation (2015). A dry-weight conversion evaluation was performed based on percent moisture content data from the samples collected in January 2024. The sample depth-specific minimum, maximum, and average values for those samples are presented in the table below. Percent moisture content results for individual samples are shown in the laboratory reports in Appendix B of the Limited Soil Remediation Workplan Addendum.

| Sample Depth (ft bgs) | Number of Samples | Percent Moisture Content | | |
|---|---|---|---|---|
| | | Minimum Value | Maximum Value | Average Value |
| 0.5 | 14 | 7.7 | 18.3 | 11.1 |
| 1 | 17 | 5.2 | 19.3 | 11.7 |
| 2 | 14 | 2.2 | 21.1 | 11.4 |
| 3 | 13 | 8 | 36.1 | 19.0 |
| 4 | 12 | 12.5 | 35.7 | 19.8 |
| 5 | 2 | 10.2 | 16.5 | 13.4 |
| 6 | 1 | 15.3 | 15.3 | 15.3 |
| 7 | 1 | 9 | 9 | 9 |

The percent moisture content values varied in samples collected at each depth, as well as between depths. As such, depth-specific average percent moisture content values were used in the dry weight conversion evaluation. Wet weight to dry weight conversion using average moisture content values of between 9 and 19.8 percent would result in a 1.1- to 1.2-fold increase in soil concentrations, indicating that dry weight correction would not materially affect the conclusions of the human health risk evaluation.

# 3. Uncertainties in the Exposure Assessment

As described below, numerous assumptions must be made in order to estimate potential human exposure to the COPCs at the Site.

## 3.1 EXPOSURE ASSUMPTIONS AND PATHWAYS

Consistent with recommended California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control (DTSC) default exposure assumptions (DTSC, 2019), it was assumed that exposures for hypothetical future on-Site non-intrusive worker populations, would be potentially complete on a daily basis, for a continual 25-year exposure period. This assumed exposure duration represents an upper-bound estimate of the total amount of time that an individual may be working in one location. As the average worker exposure duration in one location is actually less than 25 years, the cumulative exposures and risks presented in this risk evaluation likely represent overestimates of the more typical exposures that might be incurred in a commercial/industrial setting.

Additionally, the estimates of potential health risks for hypothetical future on-Site non-intrusive workers do not account for potential clean soil cover, concrete, asphalt, or other covering that actually would reduce exposure below that assumed in this analysis. Thus, the actual exposures to soil at the Site under possible future commercial/industrial land use would probably be much lower than what has been estimated in this assessment.

The selection of complete exposure pathways is another area of uncertainty in all risk assessments. In general, this risk evaluation has quantified all potentially complete exposure pathways through which individuals could become exposed to chemicals present in on-Site soil and on-Site soil gas. Accordingly, the exposure pathways quantified in this risk evaluation are believed to capture the range of theoretical

current and future exposures, and thus provide a conservative estimate of long-term exposures that could occur at the Site.

## 3.2 BIOAVAILABILITY OF CHEMICALS IN SOIL

Another exposure factor that has not been taken into account in this assessment is the bioavailability of chemicals in soil. Studies support that certain organic compounds, particularly highly lipophilic compounds, such as polycyclic aromatic hydrocarbons (PAHs), tend to be tightly bound to soil (Kelsey et al., 1997). This phenomenon can substantially reduce the bioavailability of chemicals to people exposed to chemicals in soil. A reduction in the bioavailability of the chemicals adsorbed to soil would reduce the projected health risk associated with exposure to soil. Low bioavailability could substantially reduce estimated risks below levels calculated using the default assumption that all chemicals are 100 percent bioavailable.

## 3.3 CALCULATION OF SOIL EXPOSURE POINT CONCENTRATIONS (EPCs)

As recommended by United States Environmental Protection Agency (USEPA) guidance (USEPA, 1989), EPCs should be based on the average chemical concentration within the exposure area. To account for the uncertainty in estimating the average concentration, USEPA recommends that an upper confidence limit (UCL) of the mean concentration be used to represent the EPCs rather than the arithmetic mean (USEPA, 2002).

The calculation of the UCL for each COPC dataset includes an initial evaluation of the distribution of the data as a predecessor step to employing the best statistical methodology for determination of a concentration that estimates the mean of the dataset with a prescribed level of confidence. This means that the average has been bounded by a statistically determined concentration to afford a percent level of confidence in the "true" mean of the dataset. The "95 percent UCL" of the mean, is considered a reasonable maximum exposure level (USEPA, 1989) so that there is confidence that the "true" mean concentration of each COPC has been bounded at least 95 percent of the time. USEPA's ProUCL 5.2.00 statistical program (USEPA, 2022) was used in the human health risk evaluation to calculate UCL concentrations for COPCs in soil. ProUCL output for each COPC (Appendix D) provides a summary of all UCLs that can be calculated using the statistical program in addition to recommended UCLs based on the initial evaluation of the distribution of each dataset. The ProUCL-recommended UCLs were used as representative EPCs for COPCs in soil (0 to 10 feet bgs) included in the human health risk evaluation.

As noted in the ProUCL output files for the Site (Appendix D), the use of the Kaplan Meier (KM) estimation method is recommended for some of these UCLs with a message that states "KM UCLs may be biased low with this dataset. Other substitution method recommended." The ProUCL technical guidance document further states that although the use of the KM estimation method is a preferred method for calculating UCLs for datasets with multiple detection limits, such as the data included in the human health risk evaluation, this method may underestimate the UCL and "should be used with caution in cases where the KM UCL is less than the mean using substitution of half the DL." As shown in Table E-1, several COPCs included in the risk assessment fall into this category, with arithmetic mean concentrations greater than the respective ProUCL-recommended UCL calculated using the KM estimation method. Alternative UCLs, such as the 95% KM Chebyshev UCL, may be selected for datasets with non-detects and multiple detection limits and were previously recommended in ProUCL Version 5.1. However, as described in the ProUCL technical guidance, Chebyshev UCLs are no longer recommended for use in ProUCL Version 5.2.00 because they tend to overestimate the mean (i.e., may provide an "unrealistically high" estimate of the mean concentration; USEPA, 2022). However, to evaluate the effect of using the KM estimation method recommended by ProUCL Version 5.2.00, which

provided UCLs less than arithmetic mean concentrations (potentially underestimating the "true" mean of these datasets), cancer risk and non-cancer hazard estimates were calculated using the 95% KM Chebyshev UCL for risk-drivers with arithmetic mean concentrations greater than the KM UCL (i.e., Aroclor-1254).

As shown in Table E-1, the KM H UCL of 0.65 mg/kg was used as the EPC for Aroclor-1254 in the human health risk evaluation. The 95% KM Chebyshev UCL calculated for Aroclor-1254 is 2.9 mg/kg (Appendix D), approximately 4 times higher than the KM H UCL and greater than the arithmetic mean for the dataset of 1.6 mg/kg. The use of the 95% KM Chebyshev UCL would therefore result in a corresponding four-fold increase in cancer risk and non-cancer hazard estimates for non-intrusive worker and construction worker exposure to Aroclor-1254 in on-Site soil. A four-fold increase in the EPC for Aroclor-1254 does not materially affect the conclusion that concentrations of Aroclor-1254, along with other PCBs, in soil may require some remediation or other form of risk management (e.g., institutional controls) prior to the redevelopment of the Site for future commercial/industrial land use purposes and to protect the health of hypothetical future on-Site construction workers involved in the redevelopment of the Site.

It should be noted, that for these datasets, with a large percentage of non-detects and elevated reporting limits, the calculated arithmetic mean concentration may also be biased high when calculated using substitution of half the DL for non-detects.

In accordance with USEPA guidance (2022), UCLs of the mean were not calculated for datasets with fewer than four detections or fewer than ten samples. Although the USEPA guidance (2022) recommends either the use of the mean or the median in these cases, the maximum detected concentration was conservatively used as the representative EPC. The use of maximum concentrations of COPCs detected in soil as the representative EPC will result in an overestimate of cancer risks and non-cancer hazards.

## 3.4 CALCULATION OF SOIL GAS EXPOSURE POINT CONCENTRATIONS (EPCs)

As discussed in Section 3.2.2 of the human health risk evaluation, vapor intrusion into the future on-Site building was conservatively modeled on a point-by-point soil gas sample basis (e.g., each sample location/depth). Vapor intrusion incremental lifetime excess cancer risks (ILECRs) and non-cancer hazard indices (HIs) presented for the hypothetical future receptors are then the maximum estimates for all soil gas samples evaluated. Use of the maximum vapor intrusion estimates from the point-by-point analysis likely results in an overestimate of ILECRs and non-cancer HIs for hypothetical future receptors as individuals inside a building are more likely exposed to average concentrations (e.g., UCLs) of the volatile organic compounds (VOCs) detected underneath and/or in the vicinity of the subject building. Therefore, potential health risks to hypothetical future on-Site non-intrusive workers associated with vapor intrusion exposure to the COPCs present in soil gas are overestimated and are likely lower than presented in this human health risk evaluation.

## 3.5 FATE AND TRANSPORT MODELING ASSOCIATED WITH VOLATILE COMPOUNDS IN SOIL AND SOIL GAS

### 3.5.1 Soil Gas to Indoor Air

As discussed in Section 3.2.2 of the human health risk evaluation, default attenuation factors were used to estimate potential vapor intrusion risks for the future on-Site non-intrusive worker exposure scenario. Specifically, the DTSC-derived value of 0.0005 for vapor intrusion to future commercial buildings (DTSC,

2011) and the USEPA-derived default attenuation factor of 0.03 (USEPA, 2015) were used to estimate a range of future potential health risks for future on-Site non-intrusive worker exposure to VOCs in indoor air. Various uncertainties are associated with the use of these default attenuation factors in this risk evaluation. Notably:

- The default attenuation factor of 0.0005 from the DTSC Vapor Intrusion Guidance (2011) is not Site-specific, nor chemical-specific. It is an estimated average of attenuation factors calculated (using the Johnson & Ettinger [J&E] vapor intrusion model) for 16 volatile organic compounds using default soil physical property values (dry bulk density, total porosity, and water-filled porosity), which are not characteristic of geophysical conditions at the Site.
- The modeling on which the default attenuation factor of 0.0005 is based assumes that the source of contamination is infinite, which is conservative for soil sources. First, the actual source of contamination is likely finite and will deplete over time, as volatile chemicals migrate upward through the soil column. This depletion can be further accelerated by biodegradation. Second, as the contamination is depleted, the distance between the source and the building will increase, resulting in decreased transport into the indoor environment. Thus, the actual long-term exposures that may occur at the Site are likely significantly lower than assumed in the calculation of future potential health risks, especially if biodegradation is occurring.
- The USEPA-derived default attenuation factor of 0.03 is based on paired sub-slab/indoor air data, not subsurface soil gas data as collected from the Site and evaluated in the human health risk evaluation. Further, this value represents the 95th percentile from the USEPA Vapor Intrusion Screening Level (VISL) database (USEPA, 2012), which means that 95 percent of the time the use of 0.03 is too conservative. The median value in the USEPA VISL database is 0.003, and order of magnitude lower than 0.03.
- The default attenuation factor of 0.03 is largely based on data collected from sites outside of California and is therefore not adequately representative of attenuation affected by California climates.

For the reasons listed above, the use of the default attenuation factors of 0.03 or 0.0005 may not provide a representative range of theoretical vapor intrusion risks for the Site.

### 3.5.2 Soil to Outdoor Air

In addition, many of the uncertainties associated with the fate and transport modeling conducted to estimate the predicted outdoor air concentrations for VOCs are similar to those associated with modeling of indoor air concentrations. As with indoor air modeling, the modeling used default soil properties which are not representative of site-specific geophysical conditions and assume that VOCs in soil are not undergoing biodegradation. In addition, the modeling is based on the assumption that there is an infinite source of contamination. The modeling of outdoor air concentrations is based on the assumption that only a single chemical is present in the subsurface. When many chemicals are present, these chemicals can interact in ways that reduce the vapor pressure of VOCs available for transport through the vadose zone. These assumptions are all likely conservative.

These assumptions are particularly conservative for the evaluation of total petroleum hydrocarbons (TPH)-diesel, which is evaluated as a VOC in the human health risk evaluation to estimate predicted outdoor air concentrations to which on-Site receptors may be exposed. The assumption that the entire soil concentration of TPH-diesel is volatile is overly conservative given that only a portion of the lower end of carbon chain range of petroleum constituents that comprise a TPH-diesel mixture is considered

volatile and that it is likely that a portion of the volatile fraction of the measured TPH-diesel has been further reduced by weathering in soil. Therefore, potential non-cancer health hazards associated with inhalation exposure to the volatile fraction of TPH-diesel migrating from soil into outdoor air may be overestimated and are likely lower than those presented in this risk assessment.

## 4. Uncertainties in the Toxicity Assessment

Uncertainty in the toxicity assessment arises for those chemicals which rely on animal studies as the basis for determining the appropriate toxicity value. All risk assessments assume that adverse effects observed in animal toxicity experiments would also be observed in humans (animal-to-human extrapolation), and that the toxic effect observed after exposure by one route would occur following exposure by a different route (route-to-route extrapolation).

In order to adjust for uncertainties that arise from the use of animal data, regulatory agencies often base the reference dose (RfD) for non-carcinogenic effects on the most sensitive animal species (i.e., the species that experiences adverse effects at the lowest dose) and adjust the dose via the use of safety or uncertainty factors. The adjustment compensates for the lack of knowledge regarding interspecies extrapolation and possibility that humans are more sensitive than the most sensitive experimental animal species tested. The use of uncertainty factors is considered to be health protective.

Second, when route-specific toxicity data are unavailable, data are often derived by route-to-route extrapolation, and equal absorption rates for both routes are assumed (i.e., oral to inhalation and inhalation to oral). This may or may not reflect the actual differences in toxicity that can be associated with the route of exposure but is considered to be a conservative and health-protective assumption. For dermal exposure to soil, chemical-specific absorption data generally are not available. Instead, dermal absorption rates, which are based on the default assumptions provided by the DTSC (2015), are assumed.

Cal/EPA has published a cancer potency factor for naphthalene. The cancer potency factor is based on inhalation studies with rats, conducted by the National Toxicology Program (NTP). According to Cal/EPA, the results of these inhalation studies show clear evidence of respiratory epithelial adenomas and olfactory epithelial neuroblastomas in male and female rats. As the studies are focused on the inhalation route of exposure, and as the cancers observed in these studies are associated with the respiratory system, it is possible that the observed carcinogenicity is route-specific and would not be observed if exposures were to occur via the oral route. Nonetheless, as a conservative screening-level approach, and consistent with recommendations from Cal/EPA, the cancer potency factor for naphthalene developed by Cal/EPA has been applied to the oral and dermal routes of exposure in this human health risk evaluation. Accordingly, the cancer risk for naphthalene estimated in this human health risk evaluation is based on the assumption that inhalation, oral and dermal exposure to naphthalene present in soil could result in cancer effects.

Cal/EPA Office of Environmental Health Hazard Assessment (OEHHA) published a chronic inhalation reference exposure level (REL) for trivalent chromium in August 2022 (OEHHA, 2022). The basis for the REL is exposure to inorganic water-soluble trivalent chromium compounds and is not applicable to water-insoluble trivalent compounds or elemental chromium. As a conservative screening-level approach, the REL for water-soluble trivalent chromium was applied to the inhalation route of exposure for the evaluation of total chromium. The assumption that total chromium detected at the Site is made up entirely of water-soluble trivalent chromium is a conservative and health-protective assumption that results in an overestimate of the non-cancer hazard index for inhalation exposures to total chromium in soil.

# 5. Uncertainties in the Risk Characterization

One source of uncertainty that is unique to risk characterization is the assumption that the total risk associated with exposure to multiple chemicals is equal to the sum of the individual risks for each chemical (i.e., the risks are additive). Other possible interactions include synergism, where the total risk is higher than the sum of the individual risks, and antagonism, where the total risk is lower than the sum of the individual risks. Relatively little data are available regarding potential chemical interactions following environmental exposure to chemical mixtures. Some studies have been carried out in rodents given simultaneous doses of multiple chemicals. The results of these studies indicated that no interactive effects were observed for mixtures of chemicals affecting different target organs (i.e., each chemical acted independently), whereas antagonism was observed for mixtures of chemicals affecting the same target organ, but by different mechanisms (Presidential/Congressional Commission of Risk Assessment and Risk Management [Risk Commission], 1997).

While there are no data on chemical interactions in humans to chemical mixtures at the dose levels typically observed in environmental exposures, animal studies suggest that synergistic effects will not occur at levels of exposure below their individual effect levels (Seed et al., 1995). As exposure levels approach the individual effect levels, a variety of interactions may occur, including those that are additive, synergistic, and antagonistic (Seed et al., 1995).

Current USEPA guidance for risk assessment of chemical mixtures (USEPA, 1989) recommends assuming an additive effect following exposure to multiple chemicals. Subsequent recommendations by other parties, such as the National Research Council (1988) and the Presidential/Congressional Commission on Risk Assessment and Risk Management (Risk Commission, 1997) have also advocated a default assumption of additivity. As currently practiced, risk assessments of chemical mixtures generally sum cancer risks regardless of tumor type, and sum non-cancer HIs regardless of toxic endpoint or mode of action. Given the available experimental data, this approach likely overestimates potential risks associated with simultaneous exposure to multiple chemicals.

Attachment:

Table E-1: Uncertainties Evaluation for ProUCL-Recommended UCLs

## References


1. Department of Toxic Substances Control (DTSC), 2011. Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance). October

2. DTSC, 2015. Preliminary Endangerment Assessment Guidance Manual. October.

3. DTSC, 2019. Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Hazardous Waste Sites and Permitted Facilities. Human Health Risk Assessment (HHRA) Note Number: 1. DTSC, Office of Human and Ecological Risk (HERO). 9 April.

4. DTSC and California State Water Resources Control Board, 2023. Supplemental Guidance: Screening and Evaluating Vapor Intrusion. Final Draft. February.

5. ENVIRO-TOX Services, Inc., 2022. Preliminary Endangerment Assessment, Rosemead Holding LLC Property, 2200 North Rosemead Boulevard, South El Monte, California. 18 November.

6. Kelsey, J.W., B.D. Kottler, and M. Alexander, 1997. Selective Chemical Extractants to Predict Bioavailability of Soil-Aged Organic Chemicals. Environmental Science & Technology, 31(1): 214-217.

7. National Research Council, 1988. Chemical Mixtures. National Academy Press, Washington, D.C.

8. Office of Environmental Health Hazard Assessment (OEHHA), 2022. Chromium, Trivalent (Inorganic Water-Soluble Compounds), Reference Exposure Levels, Technical Support Document for the Derivation of Noncancer Reference Exposure Levels, Appendix D1. Air Toxics Hot Spots Program. August.

9. Presidential/Congressional Commission of Risk Assessment and Risk Management, 1997. Risk Management in Regulatory Decision-Making. Final Report, Volume 2.

10. Seed, J., R.P. Brown, S.S. Olin, and J.A. Foran, 1995. Chemical Mixtures: Current Risk Assessment Methodologies and Future Directions. Regulatory Toxicology and Pharmacology, 22:76-94.

11. United States Environmental Protection Agency (USEPA), 1989. Risk Assessment Guidance for Superfund. Vol. 1, Human Health Evaluation Manual (Part A). Interim Final. EPA/540/1-89/002. Office of Emergency and Remedial Response. Washington, D.C. December.

12. USEPA, 2002. Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. Office of Emergency and Remedial Response. Washington, D.C. OSWER 9285.6-10. December.

13. USEPA, 2012. *EPA's Vapor Intrusion Database: Evaluation and Characterization of Attenuation Factors for Chlorinated Volatile Organic Compounds and Residential Buildings.* 16 March.

14. USEPA, 2015. OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. Office of Solid Waste and Emergency Response. June.

15. USEPA, 2022. ProUCL Version 5.2.0 Technical Guide, Statistical Software for Environmental Applications for Data Sets with and without Nondetect Observations. 14 June.

TABLE

**TABLE E-1**
**UNCERTAINTIES EVALUATION FOR PROUCL-RECOMMENDED UCLs**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Chemical | Detection Frequency | Percent non-detects | Range of Detected Site Concentrations (mg/kg) | Arithmetic Mean [a] (mg/kg) | ProUCL Version 5.2 Output | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | 95 UCL of Site Concentrations [b] (mg/kg) | Distribution | Recommended UCL | ProUCL Output Notes |
| **Volatile Organic Compounds** | | | | | | | | |
| 1,1-Dichloroethane (1,1-DCA) | 21 / 152 | 86% | 0.00023 - 0.12 | 0.013 | 0.00091 | Lognormal (10% Significance) | KM H | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| Acetone | 105 / 152 | 31% | 0.016 - 1.4 | 0.28 | 0.10 | Lognormal (10% Significance) | KM H | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| Benzene | 108 / 152 | 29% | 0.00024 - 0.11 | 0.01 | 0.0064 | Lognormal (10% Significance) | KM H | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| Methyl tertiary butyl ether (MTBE) | 5 / 116 | 96% | 0.00085 - 0.015 | 0.015 | 0.00083 | Normal (1% Significance) | 95% KM (t) | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| trans-1,2-Dichloroethene | 4 / 116 | 97% | 0.00043 - 0.036 | 0.013 | 0.0012 | Normal (1% Significance) | 95% KM (t) | -- |
| Vinyl chloride | 8 / 116 | 93% | 0.00051 - 0.10 | 0.014 | 0.0032 | Data do not follow a discernible distribution | 95% KM (t) | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | | |
| Benzo(a)pyrene | 11 / 32 | 66% | 0.0035 - 4.1 | 0.3 | 0.13 | Lognormal (10% Significance) | KM H | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| Benzo(g,h,i)perylene | 11 / 32 | 66% | 0.0021 - 2.5 | 0.22 | 0.17 | Lognormal (10% Significance) | KM H | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| Fluorene | 4 / 32 | 88% | 0.035 - 0.96 | 0.19 | 0.13 | Normal (1% Significance) | 95% KM (t) | Note: GOF tests may be unreliable for small sample sizes |
| **Metals** | | | | | | | | |
| Cadmium | 25 / 128 | 80% | 0.12 - 60 | 1 | 0.46 | Lognormal (10% Significance) | KM H | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| Molybdenum | 23 / 128 | 82% | 0.54 - 480 | 6.6 | 1.9 | Lognormal (10% Significance) | KM H | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| Silver | 8 / 128 | 94% | 0.20 - 5.1 | 0.39 | 0.31 | Normal (1% Significance) | 95% KM (t) | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |
| **Polychlorinated Biphenyls** | | | | | | | | |
| Aroclor-1254 (PCB-1254) | 86 / 404 | 79% | 0.0040 - 64 | 1.6 | 0.65 | Lognormal (10% Significance) | KM H | Note: KM UCLs may be biased low with this dataset. Other substitution method recommended |

**Abbreviations:**
mg/kg = milligrams per kilogram
UCL = upper confidence limit

**Notes:**
[a] Arithmetic means derived using one-half the reporting limit values for non-detect results
[b] UCLs derived using ProUCL Version 5.2.00 (USEPA 2022); ProUCL output is presented in Appendix D

# APPENDIX F
# Volatilization Calculations

**TABLE F-1**

**SOIL TO OUTDOOR AIR VOLATILIZATION FACTOR EQUATIONS AND SAMPLE CALCULATION**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

*Outdoor Air Volatilization Factor (VF) Calculated for Naphthalene, (USEPA, 2002, Equation 4-8)*
*Future Commercial Scenario*

$$VF = \frac{Q/C_{vol} \times (3.14 \times D_A \times T)^{1/2} \times 10^{-4}\ (m^2/cm^2)}{2 \times \rho_b \times D_A} = \mathbf{4.6E+04}\ m^3/kg$$

where:

$$D_A = \frac{[(\theta_a^{3.33} D_i H') + (\theta_w^{3.33} D_w)]/\eta^2}{\rho_b K_d + \theta_w + \theta_a H'_{TS}}$$

and:

| | | | |
|---|---|---|---|
| $Q/C_{vol}$ | 68.18 | $(g/m^2\text{-}s) / (kg/m^3)$ | dispersion factor (calculated, see Table F-2) |
| $D_A$ | 6.0E-06 | $cm^2/s$ | apparent diffusivity (calculated using equation cited above) |
| T | 7.9E+08 | s | exposure interval (based on commercial exposure duration of 25 years) |
| $\rho_b$ | 1.50 | $g/cm^3$ | dry soil bulk density (default; USEPA, 2002) |
| $\eta$ | 0.43 | $cm^3_{pore}/cm^3_{soil}$ | total soil porosity (default; USEPA, 2002) |
| $\theta_a$ | 0.28 | $cm^3_{air}/cm^3_{soil}$ | air-filled soil porosity (calculated, n-$\theta_w$) |
| $D_i$ | 6.0E-02 | $cm^2/s$ | diffusivity in air (chemical-specific, see Table 6 of the HHRA) |
| $\theta_w$ | 0.15 | $cm^3_{water}/cm^3_{soil}$ | water-filled soil porosity (default; USEPA, 2002) |
| $D_w$ | 8.4E-06 | $cm^2/s$ | diffusivity in water (chemical-specific, see Table 6 of the HHRA) |
| $K_d = K_{oc} \times f_{oc}$ | 9.3E+00 | $cm^3/g$ | soil-water partition coefficient (calculated using equation provided) |
| $K_{oc}$ | 1544 | $cm^3/g$ | soil organic carbon partition coefficient (chemical-specific, see Table 6 of HHRA) |
| $f_{oc}$ | 0.0060 | g/g | fraction organic carbon in soil (default; USEPA, 2002) |
| $H'_{TS}$ | 1.8E-02 | unitless | Henry's Law Constant (chemical-specific, see Table 6 of HHRA) |

**References:**

United States Environmental Protection Agency (USEPA). 2002. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Office of Solid Waste and Emergency Response. Washington, D.C., December.

**TABLE F-2**

**DISPERSION FACTOR CALCULATION FOR VOLATILE COMPOUNDS**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

***Site-specific Dispersion Factor for Volatiles (USEPA 2002, Equation D-1)***

$Q/C_{vol} = A \exp[(\ln A_{site} - B)^2 (1/C)]$ = **68.18** $(g/m^2\text{-}s) / (kg/m^3)$

where:

| | | | |
|---|---|---|---|
| $A_{site}$ | 0.50 | acres | areal extent of the Site |
| Location | Los Angeles | -- | General location (USEPA 2002) |
| A | 11.9110 | -- | constant, default value presented in Exhibit D-3 (USEPA, 2002) |
| B | 18.4385 | -- | constant, default value presented in Exhibit D-3 (USEPA, 2002) |
| C | 209.7845 | -- | constant, default value presented in Exhibit D-3 (USEPA, 2002) |

**References:**

USEPA. 2002. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Office of Solid Waste and Emergency Response. Washington, D.C., December.

# APPENDIX G
# Vapor Intrusion Tables

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,1,1-Trichloroethane | 0.0025 | 5.0E-04 | 1.3E-06 | NC | 2.9E-07 | NC | 2.9E-07 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.0025 | 5.0E-04 | 1.3E-06 | NC | 2.9E-07 | NC | 5.7E-08 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,1-Dichloroethane | **6.3** | 5.0E-04 | 3.2E-03 | 2.6E-04 | 7.2E-04 | 4.1E-07 | 9.0E-04 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,1-Dichloroethene | **0.035** | 5.0E-04 | 1.8E-05 | NC | 4.0E-06 | NC | 5.7E-05 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,2,4-Trimethylbenzene | **5.2** | 5.0E-04 | 2.6E-03 | NC | 5.9E-04 | NC | 9.9E-03 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,2-Dichloropropane | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 2.0E-09 | 1.4E-04 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 4-Isopropyltoluene | **0.24** | 5.0E-04 | 1.2E-04 | NC | 2.7E-05 | NC | 6.8E-05 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Benzene | **1.8** | 5.0E-04 | 9.0E-04 | 7.3E-05 | 2.1E-04 | **2.1E-06** | 6.8E-02 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Bromodichloromethane | 0.0025 | 5.0E-04 | 1.3E-06 | 1.0E-07 | 2.9E-07 | 3.8E-09 | 3.6E-06 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Carbon Disulfide | **0.063** | 5.0E-04 | 3.2E-05 | NC | 7.2E-06 | NC | 1.0E-05 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Chloroform | **0.033** | 5.0E-04 | 1.7E-05 | 1.3E-06 | 3.8E-06 | 3.1E-08 | 3.8E-05 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | cis-1,2-Dichloroethene | **5.6** | 5.0E-04 | 2.8E-03 | NC | 6.4E-04 | NC | 8.0E-02 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Ethylbenzene | **15** | 5.0E-04 | 7.5E-03 | 6.1E-04 | 1.7E-03 | **1.5E-06** | 1.7E-03 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Tetrachloroethene | **5.9** | 5.0E-04 | 3.0E-03 | 2.4E-04 | 6.7E-04 | 1.5E-06 | 1.7E-02 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Toluene | **37** | 5.0E-04 | 1.9E-02 | NC | 4.2E-03 | NC | 1.0E-02 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | trans-1,2-Dichloroethene | **0.23** | 5.0E-04 | 1.2E-04 | NC | 2.6E-05 | NC | 3.3E-04 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Trichloroethene | **2.2** | 5.0E-04 | 1.1E-03 | 9.0E-05 | 2.5E-04 | 3.7E-07 | 1.3E-01 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Vinyl Chloride | **17** | 5.0E-04 | 8.5E-03 | 6.9E-04 | 1.9E-03 | **5.4E-05** | 1.9E-02 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Xylenes | **63** | 5.0E-04 | 3.2E-02 | NC | 7.2E-03 | NC | 7.2E-02 | **6E-05** | 4E-01 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,1-Dichloroethane | **2.7** | 5.0E-04 | 1.4E-03 | 1.1E-04 | 3.1E-04 | 1.8E-07 | 3.9E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,1-Dichloroethene | **0.10** | 5.0E-04 | 5.0E-05 | NC | 1.1E-05 | NC | 1.6E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,2,4-Trimethylbenzene | **0.25** | 5.0E-04 | 1.3E-04 | NC | 2.9E-05 | NC | 4.8E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,2-Dichloroethane | **0.14** | 5.0E-04 | 7.0E-05 | 5.7E-06 | 1.6E-05 | 1.5E-07 | 2.3E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,3,5-Trimethylbenzene | **0.12** | 5.0E-04 | 6.0E-05 | NC | 1.4E-05 | NC | 2.3E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Benzene | **0.76** | 5.0E-04 | 3.8E-04 | 3.1E-05 | 8.7E-05 | 9.0E-07 | 2.9E-02 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | cis-1,2-Dichloroethene | **5.9** | 5.0E-04 | 3.0E-03 | NC | 6.7E-04 | NC | 8.4E-02 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Ethylbenzene | **4.1** | 5.0E-04 | 2.1E-03 | 1.7E-04 | 4.7E-04 | 4.2E-07 | 4.7E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Isopropylbenzene (Cumene) | **0.15** | 5.0E-04 | 7.5E-05 | NC | 1.7E-05 | NC | 4.3E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Propylbenzene | **0.12** | 5.0E-04 | 6.0E-05 | NC | 1.4E-05 | NC | 1.4E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Tetrachloroethene | **0.85** | 5.0E-04 | 4.3E-04 | 3.5E-05 | 9.7E-05 | 2.1E-07 | 2.4E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Toluene | **47** | 5.0E-04 | 2.4E-02 | NC | 5.4E-03 | NC | 1.3E-02 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | trans-1,2-Dichloroethene | **0.11** | 5.0E-04 | 5.5E-05 | NC | 1.3E-05 | NC | 1.6E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Trichloroethene | **0.38** | 5.0E-04 | 1.9E-04 | 1.5E-05 | 4.3E-05 | 6.4E-08 | 2.2E-02 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Vinyl Chloride | **6.9** | 5.0E-04 | 3.5E-03 | 2.8E-04 | 7.9E-04 | **2.2E-05** | 7.9E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Xylenes | **16** | 5.0E-04 | 8.0E-03 | NC | 1.8E-03 | NC | 1.8E-02 | **2E-05** | 2E-01 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,1,1-Trichloroethane | 0.0025 | 5.0E-04 | 1.3E-06 | NC | 2.9E-07 | NC | 2.9E-07 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.013** | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,1-Dichloroethane | **2.0** | 5.0E-04 | 1.0E-03 | 8.2E-05 | 2.3E-04 | 1.3E-07 | 2.9E-04 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,1-Dichloroethene | **0.017** | 5.0E-04 | 8.5E-06 | NC | 1.9E-06 | NC | 2.8E-05 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,2,4-Trimethylbenzene | **0.31** | 5.0E-04 | 1.6E-04 | NC | 3.5E-05 | NC | 5.9E-04 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,2-Dichloropropane | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 2.0E-09 | 1.4E-04 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 4-Isopropyltoluene | **0.016** | 5.0E-04 | 8.0E-06 | NC | 1.8E-06 | NC | 4.6E-06 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Benzene | **0.030** | 5.0E-04 | 1.5E-05 | 1.2E-06 | 3.4E-06 | 3.5E-08 | 1.1E-03 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Bromodichloromethane | **0.039** | 5.0E-04 | 2.0E-05 | 1.6E-06 | 4.5E-06 | 5.9E-08 | 5.6E-05 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Carbon Disulfide | 0.0025 | 5.0E-04 | 1.3E-06 | NC | 2.9E-07 | NC | 4.1E-07 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Chloroform | **0.014** | 5.0E-04 | 7.0E-06 | 5.7E-07 | 1.6E-06 | 1.3E-08 | 1.6E-05 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | cis-1,2-Dichloroethene | **0.32** | 5.0E-04 | 1.6E-04 | NC | 3.7E-05 | NC | 4.6E-03 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Ethylbenzene | **0.44** | 5.0E-04 | 2.2E-04 | 1.8E-05 | 5.0E-05 | 4.5E-08 | 5.0E-05 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Tetrachloroethene | **0.22** | 5.0E-04 | 1.1E-04 | 9.0E-06 | 2.5E-05 | 5.5E-08 | 6.3E-04 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Toluene | **2.8** | 5.0E-04 | 1.4E-03 | NC | 3.2E-04 | NC | 7.6E-04 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | trans-1,2-Dichloroethene | **0.019** | 5.0E-04 | 9.5E-06 | NC | 2.2E-06 | NC | 2.7E-05 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Trichloroethene | **0.10** | 5.0E-04 | 5.0E-05 | 4.1E-06 | 1.1E-05 | 1.7E-08 | 5.7E-03 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Vinyl Chloride | **0.74** | 5.0E-04 | 3.7E-04 | 3.0E-05 | 8.4E-05 | **2.4E-06** | 8.4E-04 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Xylenes | **3.0** | 5.0E-04 | 1.5E-03 | NC | 3.4E-04 | NC | 3.4E-03 | **3E-06** | 2E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,1-Dichloroethane | **0.13** | 5.0E-04 | 6.5E-05 | 5.3E-06 | 1.5E-05 | 8.5E-09 | 1.9E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,2,4-Trimethylbenzene | **0.080** | 5.0E-04 | 4.0E-05 | NC | 9.1E-06 | NC | 1.5E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,3,5-Trimethylbenzene | **0.030** | 5.0E-04 | 1.5E-05 | NC | 3.4E-06 | NC | 5.7E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Benzene | **0.050** | 5.0E-04 | 2.5E-05 | 2.0E-06 | 5.7E-06 | 5.9E-08 | 1.9E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | cis-1,2-Dichloroethene | **0.31** | 5.0E-04 | 1.6E-04 | NC | 3.5E-05 | NC | 4.4E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Ethylbenzene | **0.61** | 5.0E-04 | 3.1E-04 | 2.5E-05 | 7.0E-05 | 6.2E-08 | 7.0E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Tetrachloroethene | **0.050** | 5.0E-04 | 2.5E-05 | 2.0E-06 | 5.7E-06 | 1.2E-08 | 1.4E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Toluene | **5.4** | 5.0E-04 | 2.7E-03 | NC | 6.2E-04 | NC | 1.5E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Trichloroethene | **0.030** | 5.0E-04 | 1.5E-05 | 1.2E-06 | 3.4E-06 | 5.0E-09 | 1.7E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Vinyl Chloride | **0.15** | 5.0E-04 | 7.5E-05 | 6.1E-06 | 1.7E-05 | 4.8E-07 | 1.7E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Xylenes | **3.4** | 5.0E-04 | 1.7E-03 | NC | 3.9E-04 | NC | 3.9E-03 | 7E-07 | 1E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Ethylbenzene | **0.050** | 5.0E-04 | 2.5E-05 | 2.0E-06 | 5.7E-06 | 5.1E-09 | 5.7E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Tetrachloroethene | **0.060** | 5.0E-04 | 3.0E-05 | 2.4E-06 | 6.8E-06 | 1.5E-08 | 1.7E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Toluene | **0.27** | 5.0E-04 | 1.4E-04 | NC | 3.1E-05 | NC | 7.3E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Trichloroethene | **0.040** | 5.0E-04 | 2.0E-05 | 1.6E-06 | 4.6E-06 | 6.7E-09 | 2.3E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Xylenes | **0.24** | 5.0E-04 | 1.2E-04 | NC | 2.7E-05 | NC | 2.7E-04 | 1E-07 | 4E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Tetrachloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 3.2E-09 | 3.7E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 1E-07 | 2E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Tetrachloroethene | **0.24** | 5.0E-04 | 1.2E-04 | 9.8E-06 | 2.7E-05 | 6.0E-08 | 6.8E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Trichloroethene | **0.31** | 5.0E-04 | 1.6E-04 | 1.3E-05 | 3.5E-05 | 5.2E-08 | 1.8E-02 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 2E-07 | 2E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Tetrachloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 3.2E-09 | 3.7E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 1E-07 | 2E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Tetrachloroethene | **0.030** | 5.0E-04 | 1.5E-05 | 1.2E-06 | 3.4E-06 | 7.5E-09 | 8.6E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 1E-07 | 2E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Tetrachloroethene | **0.41** | 5.0E-04 | 2.1E-04 | 1.7E-05 | 4.7E-05 | 1.0E-07 | 1.2E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Trichloroethene | **0.14** | 5.0E-04 | 7.0E-05 | 5.7E-06 | 1.6E-05 | 2.3E-08 | 8.0E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 2E-07 | 1E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Tetrachloroethene | **13** | 5.0E-04 | 6.5E-03 | 5.3E-04 | 1.5E-03 | **3.2E-06** | 3.7E-02 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Trichloroethene | **0.35** | 5.0E-04 | 1.8E-04 | 1.4E-05 | 4.0E-05 | 5.9E-08 | 2.0E-02 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | **3E-06** | 6E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,1,1-Trichloroethane | **0.050** | 5.0E-04 | 2.5E-05 | NC | 5.7E-06 | NC | 5.7E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | cis-1,2-Dichloroethene | **0.070** | 5.0E-04 | 3.5E-05 | NC | 8.0E-06 | NC | 1.0E-03 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Tetrachloroethene | **56** | 5.0E-04 | 2.8E-02 | 2.3E-03 | 6.4E-03 | **1.4E-05** | 1.6E-01 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | trans-1,2-Dichloroethene | **0.050** | 5.0E-04 | 2.5E-05 | NC | 5.7E-06 | NC | 7.1E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Trichloroethene | **2.0** | 5.0E-04 | 1.0E-03 | 8.2E-05 | 2.3E-04 | 3.3E-07 | 1.1E-01 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | **1E-05** | 3E-01 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Tetrachloroethene | **0.57** | 5.0E-04 | 2.9E-04 | 2.3E-05 | 6.5E-05 | 1.4E-07 | 1.6E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Trichloroethene | **0.050** | 5.0E-04 | 2.5E-05 | 2.0E-06 | 5.7E-06 | 8.4E-09 | 2.9E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 3E-07 | 6E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Tetrachloroethene | **1.4** | 5.0E-04 | 7.0E-04 | 5.7E-05 | 1.6E-04 | 3.5E-07 | 4.0E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Trichloroethene | **0.16** | 5.0E-04 | 8.0E-05 | 6.5E-06 | 1.8E-05 | 2.7E-08 | 9.1E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 5E-07 | 1E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Tetrachloroethene | **0.080** | 5.0E-04 | 4.0E-05 | 3.3E-06 | 9.1E-06 | 2.0E-08 | 2.3E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 1E-07 | 3E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Tetrachloroethene | **0.15** | 5.0E-04 | 7.5E-05 | 6.1E-06 | 1.7E-05 | 3.7E-08 | 4.3E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 1E-07 | 3E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Ethylbenzene | **0.090** | 5.0E-04 | 4.5E-05 | 3.7E-06 | 1.0E-05 | 9.2E-09 | 1.0E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Tetrachloroethene | **0.21** | 5.0E-04 | 1.1E-04 | 8.6E-06 | 2.4E-05 | 5.2E-08 | 6.0E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Toluene | **0.96** | 5.0E-04 | 4.8E-04 | NC | 1.1E-04 | NC | 2.6E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Xylenes | **0.43** | 5.0E-04 | 2.2E-04 | NC | 4.9E-05 | NC | 4.9E-04 | 2E-07 | 4E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Tetrachloroethene | **0.15** | 5.0E-04 | 7.5E-05 | 6.1E-06 | 1.7E-05 | 3.7E-08 | 4.3E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Toluene | **0.15** | 5.0E-04 | 7.5E-05 | NC | 1.7E-05 | NC | 4.1E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 1E-07 | 3E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,1-Dichloroethane | **0.060** | 5.0E-04 | 3.0E-05 | 2.4E-06 | 6.8E-06 | 3.9E-09 | 8.6E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Benzene | **0.060** | 5.0E-04 | 3.0E-05 | 2.4E-06 | 6.8E-06 | 7.1E-08 | 2.3E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | cis-1,2-Dichloroethene | **0.060** | 5.0E-04 | 3.0E-05 | NC | 6.8E-06 | NC | 8.6E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Ethylbenzene | **0.18** | 5.0E-04 | 9.0E-05 | 7.3E-06 | 2.1E-05 | 1.8E-08 | 2.1E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Tetrachloroethene | **0.11** | 5.0E-04 | 5.5E-05 | 4.5E-06 | 1.3E-05 | 2.7E-08 | 3.1E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Toluene | **0.13** | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.5E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Trichloroethene | **0.11** | 5.0E-04 | 5.5E-05 | 4.5E-06 | 1.3E-05 | 1.8E-08 | 6.3E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Vinyl Chloride | **0.11** | 5.0E-04 | 5.5E-05 | 4.5E-06 | 1.3E-05 | 3.5E-07 | 1.3E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Xylenes | **0.39** | 5.0E-04 | 2.0E-04 | NC | 4.5E-05 | NC | 4.5E-04 | 6E-07 | 1E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Tetrachloroethene | **0.17** | 5.0E-04 | 8.5E-05 | 6.9E-06 | 1.9E-05 | 4.2E-08 | 4.9E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 1E-07 | 3E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Tetrachloroethene | **0.81** | 5.0E-04 | 4.1E-04 | 3.3E-05 | 9.2E-05 | 2.0E-07 | 2.3E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Trichloroethene | **0.080** | 5.0E-04 | 4.0E-05 | 3.3E-06 | 9.1E-06 | 1.3E-08 | 4.6E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 3E-07 | 8E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Tetrachloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 3.2E-09 | 3.7E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Toluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.5E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 1E-07 | 2E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 8.5E-10 | 1.9E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Ethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.3E-09 | 1.5E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Tetrachloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 3.2E-09 | 3.7E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Toluene | **0.10** | 5.0E-04 | 5.0E-05 | NC | 1.1E-05 | NC | 2.7E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.9E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Trichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.2E-09 | 7.4E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Vinyl Chloride | 0.0065 | 5.0E-04 | 3.3E-06 | 2.7E-07 | 7.4E-07 | 2.1E-08 | 7.4E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Xylenes | 0.025 | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 2.9E-05 | 1E-07 | 2E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.18** | 5.0E-04 | 9.0E-05 | NC | 2.1E-05 | NC | 4.1E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,1-Dichloroethane | **0.42** | 5.0E-04 | 2.1E-04 | 1.7E-05 | 4.8E-05 | 2.7E-08 | 6.0E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.1E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,2,4-Trimethylbenzene | **0.060** | 5.0E-04 | 3.0E-05 | NC | 6.8E-06 | NC | 1.1E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-08 | 2.1E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 5.3E-09 | 3.7E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 2.5E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.0E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.7E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Acetone | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 4.1E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Benzene | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.5E-08 | 4.9E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Bromodichloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 2.0E-08 | 1.9E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Carbon Disulfide | 0.13 | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Chlorobenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Chloroethane | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-07 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Chloroform | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.2E-08 | 1.5E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | cis-1,2-Dichloroethene | **0.48** | 5.0E-04 | 2.4E-04 | NC | 5.5E-05 | NC | 6.8E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Dibromochloromethane | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.1E-08 | 1.9E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Ethylbenzene | **0.21** | 5.0E-04 | 1.1E-04 | 8.6E-06 | 2.4E-05 | 2.1E-08 | 2.4E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Isopropylbenzene (Cumene) | **0.030** | 5.0E-04 | 1.5E-05 | NC | 3.4E-06 | NC | 8.6E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 5.0E-04 | 6.5E-06 | 5.3E-07 | 1.5E-06 | 1.4E-10 | 4.9E-07 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Methylene Chloride | 0.015 | 5.0E-04 | 7.5E-06 | 6.1E-07 | 1.7E-06 | 6.1E-10 | 4.3E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Propylbenzene | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.5E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Tetrachloroethene | **0.17** | 5.0E-04 | 8.5E-05 | 6.9E-06 | 1.9E-05 | 4.2E-08 | 4.9E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Toluene | **0.70** | 5.0E-04 | 3.5E-04 | NC | 8.0E-05 | NC | 1.9E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | trans-1,2-Dichloroethene | **0.040** | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 5.7E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Trichloroethene | **0.53** | 5.0E-04 | 2.7E-04 | 2.2E-05 | 6.1E-05 | 8.9E-08 | 3.0E-02 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 1.2E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Vinyl Chloride | **0.050** | 5.0E-04 | 2.5E-05 | 2.0E-06 | 5.7E-06 | 1.6E-07 | 5.7E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Xylenes | **0.97** | 5.0E-04 | 4.9E-04 | NC | 1.1E-04 | NC | 1.1E-03 | 4E-07 | 4E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-06 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 4.6E-07 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,1-Dichloroethane | **1.4** | 5.0E-04 | 7.0E-04 | 5.7E-05 | 1.6E-04 | 9.1E-08 | 2.0E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,1-Dichloroethene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 3.3E-05 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 3.8E-05 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-09 | 5.7E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 5.7E-06 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Benzene | **0.067** | 5.0E-04 | 3.4E-05 | 2.7E-06 | 7.6E-06 | 7.9E-08 | 2.5E-03 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Bromodichloromethane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 3.0E-08 | 2.9E-05 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Chloroform | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 4.7E-09 | 5.8E-06 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | cis-1,2-Dichloroethene | **0.25** | 5.0E-04 | 1.3E-04 | NC | 2.9E-05 | NC | 3.6E-03 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-05 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Ethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 2.0E-09 | 2.3E-06 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Methylene Chloride | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-10 | 5.7E-06 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Tetrachloroethene | **0.45** | 5.0E-04 | 2.3E-04 | 1.8E-05 | 5.1E-05 | 1.1E-07 | 1.3E-03 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Toluene | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 1.1E-05 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Trichloroethene | **3.8** | 5.0E-04 | 1.9E-03 | 1.5E-04 | 4.3E-04 | 6.4E-07 | 2.2E-01 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 1.9E-06 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Vinyl Chloride | **0.014** | 5.0E-04 | 7.0E-06 | 5.7E-07 | 1.6E-06 | 4.5E-08 | 1.6E-05 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Xylenes | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 4.6E-05 | 1E-06 | 2E-01 |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-06 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 4.6E-07 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,1-Dichloroethane | **1.8** | 5.0E-04 | 9.0E-04 | 7.3E-05 | 2.1E-04 | 1.2E-07 | 2.6E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,1-Dichloroethene | **0.11** | 5.0E-04 | 5.5E-05 | NC | 1.3E-05 | NC | 1.8E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 3.8E-05 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-09 | 5.7E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 5.7E-06 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Benzene | **0.042** | 5.0E-04 | 2.1E-05 | 1.7E-06 | 4.8E-06 | 5.0E-08 | 1.6E-03 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Bromodichloromethane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 3.0E-08 | 2.9E-05 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Chloroform | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 4.7E-09 | 5.8E-06 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | cis-1,2-Dichloroethene | **6.5** | 5.0E-04 | 3.3E-03 | NC | 7.4E-04 | NC | 9.3E-02 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-05 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Ethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 2.0E-09 | 2.3E-06 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Methylene Chloride | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-10 | 5.7E-06 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Tetrachloroethene | 0.0080 | 5.0E-04 | 4.0E-06 | 3.3E-07 | 9.1E-07 | 2.0E-09 | 2.3E-05 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Toluene | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 1.1E-05 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | trans-1,2-Dichloroethene | **0.12** | 5.0E-04 | 6.0E-05 | NC | 1.4E-05 | NC | 1.7E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Trichloroethene | **10** | 5.0E-04 | 5.0E-03 | 4.1E-04 | 1.1E-03 | **1.7E-06** | 5.7E-01 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 1.9E-06 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Vinyl Chloride | **1.0** | 5.0E-04 | 5.0E-04 | 4.1E-05 | 1.1E-04 | **3.2E-06** | 1.1E-03 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Xylenes | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 4.6E-05 | **5E-06** | 7E-01 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-06 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 4.6E-07 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,1-Dichloroethane | **2.1** | 5.0E-04 | 1.1E-03 | 8.6E-05 | 2.4E-04 | 1.4E-07 | 3.0E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,1-Dichloroethene | **0.078** | 5.0E-04 | 3.9E-05 | NC | 8.9E-06 | NC | 1.3E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,2,4-Trimethylbenzene | **0.051** | 5.0E-04 | 2.6E-05 | NC | 5.8E-06 | NC | 9.7E-05 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-09 | 5.7E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 5.7E-06 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Benzene | **0.082** | 5.0E-04 | 4.1E-05 | 3.3E-06 | 9.4E-06 | 9.7E-08 | 3.1E-03 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Bromodichloromethane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 3.0E-08 | 2.9E-05 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Chloroethane | **0.26** | 5.0E-04 | 1.3E-04 | NC | 3.0E-05 | NC | 3.0E-06 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Chloroform | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 4.7E-09 | 5.8E-06 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | cis-1,2-Dichloroethene | **0.54** | 5.0E-04 | 2.7E-04 | NC | 6.2E-05 | NC | 7.7E-03 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-05 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Ethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 2.0E-09 | 2.3E-06 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Methylene Chloride | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-10 | 5.7E-06 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Tetrachloroethene | **0.082** | 5.0E-04 | 4.1E-05 | 3.3E-06 | 9.4E-06 | 2.0E-08 | 2.3E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Toluene | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 1.1E-05 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Trichloroethene | **0.39** | 5.0E-04 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 6.5E-08 | 2.2E-02 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 1.9E-06 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Vinyl Chloride | **2.2** | 5.0E-04 | 1.1E-03 | 9.0E-05 | 2.5E-04 | **7.0E-06** | 2.5E-03 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Xylenes | **0.072** | 5.0E-04 | 3.6E-05 | NC | 8.2E-06 | NC | 8.2E-05 | **7E-06** | 4E-02 |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-06 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 4.6E-07 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,1-Dichloroethane | **6.5** | 5.0E-04 | 3.3E-03 | 2.7E-04 | 7.4E-04 | 4.2E-07 | 9.3E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,1-Dichloroethene | **0.50** | 5.0E-04 | 2.5E-04 | NC | 5.7E-05 | NC | 8.2E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 3.8E-05 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,2-Dichloroethane | **0.16** | 5.0E-04 | 8.0E-05 | 6.5E-06 | 1.8E-05 | 1.7E-07 | 2.6E-03 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-09 | 5.7E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 5.7E-06 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Benzene | **0.046** | 5.0E-04 | 2.3E-05 | 1.9E-06 | 5.3E-06 | 5.4E-08 | 1.8E-03 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Bromodichloromethane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 3.0E-08 | 2.9E-05 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Chloroform | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 4.7E-09 | 5.8E-06 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | cis-1,2-Dichloroethene | **6.4** | 5.0E-04 | 3.2E-03 | NC | 7.3E-04 | NC | 9.1E-02 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-05 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Ethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 2.0E-09 | 2.3E-06 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Methyl tert-butyl ether (MTBE) | **0.10** | 5.0E-04 | 5.0E-05 | 4.1E-06 | 1.1E-05 | 1.1E-09 | 3.8E-06 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Methylene Chloride | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-10 | 5.7E-06 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Tetrachloroethene | **0.044** | 5.0E-04 | 2.2E-05 | 1.8E-06 | 5.0E-06 | 1.1E-08 | 1.3E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Toluene | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 1.1E-05 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | trans-1,2-Dichloroethene | **0.091** | 5.0E-04 | 4.6E-05 | NC | 1.0E-05 | NC | 1.3E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Trichloroethene | **1.0** | 5.0E-04 | 5.0E-04 | 4.1E-05 | 1.1E-04 | 1.7E-07 | 5.7E-02 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 1.9E-06 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Vinyl Chloride | **2.5** | 5.0E-04 | 1.3E-03 | 1.0E-04 | 2.9E-04 | **8.0E-06** | 2.9E-03 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Xylenes | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 4.6E-05 | **9E-06** | 2E-01 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,1,1-Trichloroethane | **0.066** | 5.0E-04 | 3.3E-05 | NC | 7.5E-06 | NC | 7.5E-06 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 4.6E-07 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,1-Dichloroethane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 1.3E-09 | 2.9E-06 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,1-Dichloroethene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 3.3E-05 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 3.8E-05 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-09 | 5.7E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 5.7E-06 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Benzene | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 5.9E-09 | 1.9E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Bromodichloromethane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 3.0E-08 | 2.9E-05 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Chloroform | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 4.7E-09 | 5.8E-06 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | cis-1,2-Dichloroethene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.9E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-05 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Ethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 2.0E-09 | 2.3E-06 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Methylene Chloride | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-10 | 5.7E-06 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Tetrachloroethene | **6.0** | 5.0E-04 | 3.0E-03 | 2.4E-04 | 6.8E-04 | 1.5E-06 | 1.7E-02 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Toluene | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 1.1E-05 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Trichloroethene | **0.21** | 5.0E-04 | 1.1E-04 | 8.6E-06 | 2.4E-05 | 3.5E-08 | 1.2E-02 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 1.9E-06 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Vinyl Chloride | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 1.6E-08 | 5.7E-06 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Xylenes | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 4.6E-05 | **2E-06** | 3E-02 |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-06 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 4.6E-07 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,1-Dichloroethane | **0.17** | 5.0E-04 | 8.5E-05 | 6.9E-06 | 1.9E-05 | 1.1E-08 | 2.4E-05 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,1-Dichloroethene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 3.3E-05 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 3.8E-05 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-09 | 5.7E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 5.7E-06 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Benzene | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 5.9E-09 | 1.9E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Bromodichloromethane | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 3.0E-08 | 2.9E-05 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Chloroform | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 4.7E-09 | 5.8E-06 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | cis-1,2-Dichloroethene | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.9E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 2.3E-05 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Ethylbenzene | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 2.0E-09 | 2.3E-06 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Methylene Chloride | 0.020 | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 8.2E-10 | 5.7E-06 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Tetrachloroethene | **2.3** | 5.0E-04 | 1.2E-03 | 9.4E-05 | 2.6E-04 | 5.7E-07 | 6.6E-03 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Toluene | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 1.1E-05 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Trichloroethene | **0.33** | 5.0E-04 | 1.7E-04 | 1.3E-05 | 3.8E-05 | 5.5E-08 | 1.9E-02 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 5.0E-04 | 1.0E-05 | NC | 2.3E-06 | NC | 1.9E-06 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Vinyl Chloride | 0.0050 | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 1.6E-08 | 5.7E-06 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Xylenes | 0.040 | 5.0E-04 | 2.0E-05 | NC | 4.6E-06 | NC | 4.6E-05 | 7E-07 | 3E-02 |
| SB-2 | 5 | SB-2 | 8/22/2020 | 2-Butanone (MEK) | **0.016** | 5.0E-04 | 8.0E-06 | NC | 1.8E-06 | NC | 3.7E-07 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Acetone | **0.062** | 5.0E-04 | 3.1E-05 | NC | 7.1E-06 | NC | 2.0E-06 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Benzene | **0.0047** | 5.0E-04 | 2.4E-06 | 1.9E-07 | 5.4E-07 | 5.6E-09 | 1.8E-04 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Methylene Chloride | **0.0053** | 5.0E-04 | 2.7E-06 | 2.2E-07 | 6.1E-07 | 2.2E-10 | 1.5E-06 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Tetrachloroethene | **0.068** | 5.0E-04 | 3.4E-05 | 2.8E-06 | 7.8E-06 | 1.7E-08 | 1.9E-04 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Toluene | **0.035** | 5.0E-04 | 1.8E-05 | NC | 4.0E-06 | NC | 9.5E-06 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Trichloroethene | **0.050** | 5.0E-04 | 2.5E-05 | 2.0E-06 | 5.7E-06 | 8.4E-09 | 2.9E-03 | | |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-2 | 5 | SB-2 | 8/22/2020 | Xylenes | **0.010** | 5.0E-04 | 5.0E-06 | NC | 1.1E-06 | NC | 1.1E-05 | 3E-08 | 3E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-2 | 15 | SB-2 | 8/22/2020 | 2-Propanol | **0.19** | 5.0E-04 | 9.5E-05 | NC | 2.2E-05 | NC | 1.1E-04 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Acetone | **0.72** | 5.0E-04 | 3.6E-04 | NC | 8.2E-05 | NC | 2.3E-05 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Benzene | **0.022** | 5.0E-04 | 1.1E-05 | 9.0E-07 | 2.5E-06 | 2.6E-08 | 8.4E-04 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Methylene Chloride | **1.2** | 5.0E-04 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-08 | 3.4E-04 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Tetrachloroethene | **0.029** | 5.0E-04 | 1.5E-05 | 1.2E-06 | 3.3E-06 | 7.2E-09 | 8.3E-05 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Toluene | **0.19** | 5.0E-04 | 9.5E-05 | NC | 2.2E-05 | NC | 5.2E-05 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Trichloroethene | **0.049** | 5.0E-04 | 2.5E-05 | 2.0E-06 | 5.6E-06 | 8.2E-09 | 2.8E-03 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Xylenes | **0.032** | 5.0E-04 | 1.6E-05 | NC | 3.7E-06 | NC | 3.7E-05 | 9E-08 | 4E-03 |
| SB-5 | 5 | SB-5 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.065** | 5.0E-04 | 3.3E-05 | NC | 7.4E-06 | NC | 1.5E-06 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Acetone | **0.14** | 5.0E-04 | 7.0E-05 | NC | 1.6E-05 | NC | 4.4E-06 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Ethylbenzene | **0.18** | 5.0E-04 | 9.0E-05 | 7.3E-06 | 2.1E-05 | 1.8E-08 | 2.1E-05 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Tetrachloroethene | **0.35** | 5.0E-04 | 1.8E-04 | 1.4E-05 | 4.0E-05 | 8.7E-08 | 1.0E-03 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Toluene | **1.6** | 5.0E-04 | 8.0E-04 | NC | 1.8E-04 | NC | 4.3E-04 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Trichloroethene | **0.15** | 5.0E-04 | 7.5E-05 | 6.1E-06 | 1.7E-05 | 2.5E-08 | 8.6E-03 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Xylenes | **1.1** | 5.0E-04 | 5.5E-04 | NC | 1.3E-04 | NC | 1.3E-03 | 1E-07 | 1E-02 |
| SB-5 | 15 | SB-5 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.11** | 5.0E-04 | 5.5E-05 | NC | 1.3E-05 | NC | 2.5E-06 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | 1,1-Dichloroethane | **0.051** | 5.0E-04 | 2.6E-05 | 2.1E-06 | 5.8E-06 | 3.3E-09 | 7.3E-06 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Acetone | **0.056** | 5.0E-04 | 2.8E-05 | NC | 6.4E-06 | NC | 1.8E-06 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Ethylbenzene | **0.027** | 5.0E-04 | 1.4E-05 | 1.1E-06 | 3.1E-06 | 2.8E-09 | 3.1E-06 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Methylene Chloride | **0.0020** | 5.0E-04 | 1.0E-06 | 8.2E-08 | 2.3E-07 | 8.2E-11 | 5.7E-07 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Tetrachloroethene | **0.46** | 5.0E-04 | 2.3E-04 | 1.9E-05 | 5.3E-05 | 1.1E-07 | 1.3E-03 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Toluene | **0.23** | 5.0E-04 | 1.2E-04 | NC | 2.6E-05 | NC | 6.3E-05 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Trichloroethene | **0.46** | 5.0E-04 | 2.3E-04 | 1.9E-05 | 5.3E-05 | 7.7E-08 | 2.6E-02 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Xylenes | **0.17** | 5.0E-04 | 8.5E-05 | NC | 1.9E-05 | NC | 1.9E-04 | 2E-07 | 3E-02 |
| SB-8 | 5 | SB-8 | 8/22/2020 | 1,1-Dichloroethane | **0.13** | 5.0E-04 | 6.5E-05 | 5.3E-06 | 1.5E-05 | 8.5E-09 | 1.9E-05 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Acetone | **0.092** | 5.0E-04 | 4.6E-05 | NC | 1.1E-05 | NC | 2.9E-06 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Benzene | **0.016** | 5.0E-04 | 8.0E-06 | 6.5E-07 | 1.8E-06 | 1.9E-08 | 6.1E-04 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Carbon Disulfide | **0.036** | 5.0E-04 | 1.8E-05 | NC | 4.1E-06 | NC | 5.9E-06 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | cis-1,2-Dichloroethene | **0.028** | 5.0E-04 | 1.4E-05 | NC | 3.2E-06 | NC | 4.0E-04 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Ethylbenzene | **0.0090** | 5.0E-04 | 4.5E-06 | 3.7E-07 | 1.0E-06 | 9.2E-10 | 1.0E-06 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Methylene Chloride | **0.024** | 5.0E-04 | 1.2E-05 | 9.8E-07 | 2.7E-06 | 9.8E-10 | 6.8E-06 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Tetrachloroethene | **0.19** | 5.0E-04 | 9.5E-05 | 7.7E-06 | 2.2E-05 | 4.7E-08 | 5.4E-04 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Toluene | **0.060** | 5.0E-04 | 3.0E-05 | NC | 6.8E-06 | NC | 1.6E-05 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Trichloroethene | **0.28** | 5.0E-04 | 1.4E-04 | 1.1E-05 | 3.2E-05 | 4.7E-08 | 1.6E-02 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Xylenes | **0.028** | 5.0E-04 | 1.4E-05 | NC | 3.2E-06 | NC | 3.2E-05 | 1E-07 | 2E-02 |
| SB-8 | 15 | SB-8 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.084** | 5.0E-04 | 4.2E-05 | NC | 9.6E-06 | NC | 1.9E-06 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Acetone | **0.18** | 5.0E-04 | 9.0E-05 | NC | 2.1E-05 | NC | 5.7E-06 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | cis-1,2-Dichloroethene | **0.91** | 5.0E-04 | 4.6E-04 | NC | 1.0E-04 | NC | 1.3E-02 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Methylene Chloride | **0.012** | 5.0E-04 | 6.0E-06 | 4.9E-07 | 1.4E-06 | 4.9E-10 | 3.4E-06 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Tetrachloroethene | **0.17** | 5.0E-04 | 8.5E-05 | 6.9E-06 | 1.9E-05 | 4.2E-08 | 4.9E-04 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Toluene | **0.024** | 5.0E-04 | 1.2E-05 | NC | 2.7E-06 | NC | 6.5E-06 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Trichloroethene | **1.3** | 5.0E-04 | 6.5E-04 | 5.3E-05 | 1.5E-04 | 2.2E-07 | 7.4E-02 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Vinyl Chloride | **0.055** | 5.0E-04 | 2.8E-05 | 2.2E-06 | 6.3E-06 | 1.7E-07 | 6.3E-05 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Xylenes | **0.036** | 5.0E-04 | 1.8E-05 | NC | 4.1E-06 | NC | 4.1E-05 | 4E-07 | 9E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-9 | 5 | SB-9 | 8/21/2020 | 2-Propanol | **0.32** | 5.0E-04 | 1.6E-04 | NC | 3.7E-05 | NC | 1.8E-04 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Ethylbenzene | **0.0037** | 5.0E-04 | 1.9E-06 | 1.5E-07 | 4.2E-07 | 3.8E-10 | 4.2E-07 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Tetrachloroethene | **0.13** | 5.0E-04 | 6.5E-05 | 5.3E-06 | 1.5E-05 | 3.2E-08 | 3.7E-04 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Toluene | **0.037** | 5.0E-04 | 1.9E-05 | NC | 4.2E-06 | NC | 1.0E-05 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Trichloroethene | **0.20** | 5.0E-04 | 1.0E-04 | 8.2E-06 | 2.3E-05 | 3.3E-08 | 1.1E-02 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Vinyl Chloride | **0.0011** | 5.0E-04 | 5.5E-07 | 4.5E-08 | 1.3E-07 | 3.5E-09 | 1.3E-06 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Xylenes | **0.019** | 5.0E-04 | 9.5E-06 | NC | 2.2E-06 | NC | 2.2E-05 | 7E-08 | 1E-02 |
| SB-9 | 15 | SB-9 | 8/21/2020 | 1,1-Dichloroethane | **0.077** | 5.0E-04 | 3.9E-05 | 3.1E-06 | 8.8E-06 | 5.0E-09 | 1.1E-05 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Acetone | **0.042** | 5.0E-04 | 2.1E-05 | NC | 4.8E-06 | NC | 1.3E-06 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Benzene | **0.0017** | 5.0E-04 | 8.5E-07 | 6.9E-08 | 1.9E-07 | 2.0E-09 | 6.5E-05 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | cis-1,2-Dichloroethene | **0.11** | 5.0E-04 | 5.5E-05 | NC | 1.3E-05 | NC | 1.6E-03 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Ethylbenzene | **0.00090** | 5.0E-04 | 4.5E-07 | 3.7E-08 | 1.0E-07 | 9.2E-11 | 1.0E-07 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Methylene Chloride | **0.0012** | 5.0E-04 | 6.0E-07 | 4.9E-08 | 1.4E-07 | 4.9E-11 | 3.4E-07 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Tetrachloroethene | **0.087** | 5.0E-04 | 4.4E-05 | 3.5E-06 | 9.9E-06 | 2.2E-08 | 2.5E-04 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Toluene | **0.0056** | 5.0E-04 | 2.8E-06 | NC | 6.4E-07 | NC | 1.5E-06 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Trichloroethene | **0.39** | 5.0E-04 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 6.5E-08 | 2.2E-02 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Vinyl Chloride | **0.00048** | 5.0E-04 | 2.4E-07 | 2.0E-08 | 5.5E-08 | 1.5E-09 | 5.5E-07 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Xylenes | **0.0084** | 5.0E-04 | 4.2E-06 | NC | 9.6E-07 | NC | 9.6E-06 | 1E-07 | 2E-02 |
| SB-10 | 5 | SB-10 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.0049** | 5.0E-04 | 2.5E-06 | NC | 5.6E-07 | NC | 1.1E-07 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | 1,1-Dichloroethane | **0.25** | 5.0E-04 | 1.3E-04 | 1.0E-05 | 2.9E-05 | 1.6E-08 | 3.6E-05 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | 2-Butanone (MEK) | **0.032** | 5.0E-04 | 1.6E-05 | NC | 3.7E-06 | NC | 7.3E-07 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Acetone | **0.099** | 5.0E-04 | 5.0E-05 | NC | 1.1E-05 | NC | 3.1E-06 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Benzene | **0.10** | 5.0E-04 | 5.0E-05 | 4.1E-06 | 1.1E-05 | 1.2E-07 | 3.8E-03 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Chloroform | **0.12** | 5.0E-04 | 6.0E-05 | 4.9E-06 | 1.4E-05 | 1.1E-07 | 1.4E-04 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | cis-1,2-Dichloroethene | **0.093** | 5.0E-04 | 4.7E-05 | NC | 1.1E-05 | NC | 1.3E-03 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Ethylbenzene | **0.0085** | 5.0E-04 | 4.3E-06 | 3.5E-07 | 9.7E-07 | 8.7E-10 | 9.7E-07 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Tetrachloroethene | **0.20** | 5.0E-04 | 1.0E-04 | 8.2E-06 | 2.3E-05 | 5.0E-08 | 5.7E-04 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Toluene | **0.033** | 5.0E-04 | 1.7E-05 | NC | 3.8E-06 | NC | 9.0E-06 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Trichloroethene | **1.3** | 5.0E-04 | 6.5E-04 | 5.3E-05 | 1.5E-04 | 2.2E-07 | 7.4E-02 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Vinyl Chloride | **0.0018** | 5.0E-04 | 9.0E-07 | 7.3E-08 | 2.1E-07 | 5.7E-09 | 2.1E-06 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Xylenes | **0.050** | 5.0E-04 | 2.5E-05 | NC | 5.7E-06 | NC | 5.7E-05 | 5E-07 | 8E-02 |
| SB-10 | 15 | SB-10 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.025** | 5.0E-04 | 1.3E-05 | NC | 2.9E-06 | NC | 5.7E-07 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | 1,1-Dichloroethane | **1.4** | 5.0E-04 | 7.0E-04 | 5.7E-05 | 1.6E-04 | 9.1E-08 | 2.0E-04 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | 1,4-Dioxane | **0.058** | 5.0E-04 | 2.9E-05 | 2.4E-06 | 6.6E-06 | 1.2E-08 | 2.2E-04 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | 2-Propanol | **0.35** | 5.0E-04 | 1.8E-04 | NC | 4.0E-05 | NC | 2.0E-04 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Acetone | **1.7** | 5.0E-04 | 8.5E-04 | NC | 1.9E-04 | NC | 5.4E-05 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Benzene | **0.029** | 5.0E-04 | 1.5E-05 | 1.2E-06 | 3.3E-06 | 3.4E-08 | 1.1E-03 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | cis-1,2-Dichloroethene | **5.1** | 5.0E-04 | 2.6E-03 | NC | 5.8E-04 | NC | 7.3E-02 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Ethylbenzene | **0.014** | 5.0E-04 | 7.0E-06 | 5.7E-07 | 1.6E-06 | 1.4E-09 | 1.6E-06 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Methylene Chloride | **1.7** | 5.0E-04 | 8.5E-04 | 6.9E-05 | 1.9E-04 | 6.9E-08 | 4.9E-04 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Tetrachloroethene | **0.25** | 5.0E-04 | 1.3E-04 | 1.0E-05 | 2.9E-05 | 6.2E-08 | 7.1E-04 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Toluene | **0.059** | 5.0E-04 | 3.0E-05 | NC | 6.7E-06 | NC | 1.6E-05 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Trichloroethene | **2.8** | 5.0E-04 | 1.4E-03 | 1.1E-04 | 3.2E-04 | 4.7E-07 | 1.6E-01 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Vinyl Chloride | **0.22** | 5.0E-04 | 1.1E-04 | 9.0E-06 | 2.5E-05 | 7.0E-07 | 2.5E-04 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Xylenes | **0.096** | 5.0E-04 | 4.8E-05 | NC | 1.1E-05 | NC | 1.1E-04 | 1E-06 | 2E-01 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-13 | 5 | SB-13 | 8/22/2020 | 1,1-Dichloroethane | **0.21** | 5.0E-04 | 1.1E-04 | 8.6E-06 | 2.4E-05 | 1.4E-08 | 3.0E-05 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Acetone | **0.64** | 5.0E-04 | 3.2E-04 | NC | 7.3E-05 | NC | 2.0E-05 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | cis-1,2-Dichloroethene | **0.77** | 5.0E-04 | 3.9E-04 | NC | 8.8E-05 | NC | 1.1E-02 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Methylene Chloride | **0.62** | 5.0E-04 | 3.1E-04 | 2.5E-05 | 7.1E-05 | 2.5E-08 | 1.8E-04 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Tetrachloroethene | **0.28** | 5.0E-04 | 1.4E-04 | 1.1E-05 | 3.2E-05 | 7.0E-08 | 8.0E-04 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Toluene | **0.050** | 5.0E-04 | 2.5E-05 | NC | 5.7E-06 | NC | 1.4E-05 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Trichloroethene | **1.3** | 5.0E-04 | 6.5E-04 | 5.3E-05 | 1.5E-04 | 2.2E-07 | 7.4E-02 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Xylenes | **0.023** | 5.0E-04 | 1.2E-05 | NC | 2.6E-06 | NC | 2.6E-05 | 3E-07 | 9E-02 |
| SB-13 | 15 | SB-13 | 8/22/2020 | 1,1-Dichloroethane | **0.36** | 5.0E-04 | 1.8E-04 | 1.5E-05 | 4.1E-05 | 2.3E-08 | 5.1E-05 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Acetone | **0.76** | 5.0E-04 | 3.8E-04 | NC | 8.7E-05 | NC | 2.4E-05 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | cis-1,2-Dichloroethene | **3.1** | 5.0E-04 | 1.6E-03 | NC | 3.5E-04 | NC | 4.4E-02 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Methylene Chloride | **0.47** | 5.0E-04 | 2.4E-04 | 1.9E-05 | 5.4E-05 | 1.9E-08 | 1.3E-04 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Tetrachloroethene | **0.27** | 5.0E-04 | 1.4E-04 | 1.1E-05 | 3.1E-05 | 6.7E-08 | 7.7E-04 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Toluene | **0.029** | 5.0E-04 | 1.5E-05 | NC | 3.3E-06 | NC | 7.9E-06 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Trichloroethene | **1.7** | 5.0E-04 | 8.5E-04 | 6.9E-05 | 1.9E-04 | 2.8E-07 | 9.7E-02 | 4E-07 | 1E-01 |
| SB-14 | 5 | SB-14 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.064** | 5.0E-04 | 3.2E-05 | NC | 7.3E-06 | NC | 1.5E-06 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | 1,1-Dichloroethane | **0.49** | 5.0E-04 | 2.5E-04 | 2.0E-05 | 5.6E-05 | 3.2E-08 | 7.0E-05 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Acetone | **0.065** | 5.0E-04 | 3.3E-05 | NC | 7.4E-06 | NC | 2.1E-06 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Benzene | **0.095** | 5.0E-04 | 4.8E-05 | 3.9E-06 | 1.1E-05 | 1.1E-07 | 3.6E-03 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Carbon Disulfide | **0.037** | 5.0E-04 | 1.9E-05 | NC | 4.2E-06 | NC | 6.0E-06 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | cis-1,2-Dichloroethene | **0.054** | 5.0E-04 | 2.7E-05 | NC | 6.2E-06 | NC | 7.7E-04 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Ethylbenzene | **0.10** | 5.0E-04 | 5.0E-05 | 4.1E-06 | 1.1E-05 | 1.0E-08 | 1.1E-05 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Methylene Chloride | **0.0050** | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.7E-07 | 2.0E-10 | 1.4E-06 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Tetrachloroethene | **0.36** | 5.0E-04 | 1.8E-04 | 1.5E-05 | 4.1E-05 | 9.0E-08 | 1.0E-03 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Toluene | **0.039** | 5.0E-04 | 2.0E-05 | NC | 4.5E-06 | NC | 1.1E-05 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Trichloroethene | **0.82** | 5.0E-04 | 4.1E-04 | 3.3E-05 | 9.4E-05 | 1.4E-07 | 4.7E-02 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Xylenes | **0.12** | 5.0E-04 | 6.0E-05 | NC | 1.4E-05 | NC | 1.4E-04 | 4E-07 | 5E-02 |
| SB-14 | 15 | SB-14 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.019** | 5.0E-04 | 9.5E-06 | NC | 2.2E-06 | NC | 4.3E-07 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | 1,1-Dichloroethane | **1.4** | 5.0E-04 | 7.0E-04 | 5.7E-05 | 1.6E-04 | 9.1E-08 | 2.0E-04 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | 2-Butanone (MEK) | **0.033** | 5.0E-04 | 1.7E-05 | NC | 3.8E-06 | NC | 7.5E-07 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Acetone | **0.12** | 5.0E-04 | 6.0E-05 | NC | 1.4E-05 | NC | 3.8E-06 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Benzene | **0.0067** | 5.0E-04 | 3.4E-06 | 2.7E-07 | 7.6E-07 | 7.9E-09 | 2.5E-04 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | cis-1,2-Dichloroethene | **1.1** | 5.0E-04 | 5.5E-04 | NC | 1.3E-04 | NC | 1.6E-02 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Ethylbenzene | **0.16** | 5.0E-04 | 8.0E-05 | 6.5E-06 | 1.8E-05 | 1.6E-08 | 1.8E-05 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Methylene Chloride | **0.0059** | 5.0E-04 | 3.0E-06 | 2.4E-07 | 6.7E-07 | 2.4E-10 | 1.7E-06 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Tetrachloroethene | **0.12** | 5.0E-04 | 6.0E-05 | 4.9E-06 | 1.4E-05 | 3.0E-08 | 3.4E-04 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Toluene | **0.011** | 5.0E-04 | 5.5E-06 | NC | 1.3E-06 | NC | 3.0E-06 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Trichloroethene | **3.3** | 5.0E-04 | 1.7E-03 | 1.3E-04 | 3.8E-04 | 5.5E-07 | 1.9E-01 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Xylenes | **0.49** | 5.0E-04 | 2.5E-04 | NC | 5.6E-05 | NC | 5.6E-04 | 7E-07 | 2E-01 |
| SB-15 | 5 | SB-15 | 8/22/2020 | 1,1-Dichloroethane | **0.15** | 5.0E-04 | 7.5E-05 | 6.1E-06 | 1.7E-05 | 9.8E-09 | 2.1E-05 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Acetone | **0.75** | 5.0E-04 | 3.8E-04 | NC | 8.6E-05 | NC | 2.4E-05 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Methylene Chloride | **1.1** | 5.0E-04 | 5.5E-04 | 4.5E-05 | 1.3E-04 | 4.5E-08 | 3.1E-04 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Tetrachloroethene | **0.23** | 5.0E-04 | 1.2E-04 | 9.4E-06 | 2.6E-05 | 5.7E-08 | 6.6E-04 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Toluene | **0.079** | 5.0E-04 | 4.0E-05 | NC | 9.0E-06 | NC | 2.1E-05 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Trichloroethene | **0.087** | 5.0E-04 | 4.4E-05 | 3.5E-06 | 9.9E-06 | 1.5E-08 | 5.0E-03 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Xylenes | **0.044** | 5.0E-04 | 2.2E-05 | NC | 5.0E-06 | NC | 5.0E-05 | 1E-07 | 6E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-15 | 15 | SB-15 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.013** | 5.0E-04 | 6.5E-06 | NC | 1.5E-06 | NC | 3.0E-07 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | 1,1-Dichloroethane | **0.0076** | 5.0E-04 | 3.8E-06 | 3.1E-07 | 8.7E-07 | 5.0E-10 | 1.1E-06 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Acetone | **0.071** | 5.0E-04 | 3.6E-05 | NC | 8.1E-06 | NC | 2.3E-06 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Ethylbenzene | **0.0056** | 5.0E-04 | 2.8E-06 | 2.3E-07 | 6.4E-07 | 5.7E-10 | 6.4E-07 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Methylene Chloride | **0.0058** | 5.0E-04 | 2.9E-06 | 2.4E-07 | 6.6E-07 | 2.4E-10 | 1.7E-06 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Tetrachloroethene | **0.26** | 5.0E-04 | 1.3E-04 | 1.1E-05 | 3.0E-05 | 6.5E-08 | 7.4E-04 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Toluene | **0.16** | 5.0E-04 | 8.0E-05 | NC | 1.8E-05 | NC | 4.3E-05 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Trichloroethene | **0.14** | 5.0E-04 | 7.0E-05 | 5.7E-06 | 1.6E-05 | 2.3E-08 | 8.0E-03 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Xylenes | **0.042** | 5.0E-04 | 2.1E-05 | NC | 4.8E-06 | NC | 4.8E-05 | 9E-08 | 9E-03 |
| SB-16 | 5 | SB-16 | 8/22/2020 | 1,1-Dichloroethane | **1.7** | 5.0E-04 | 8.5E-04 | 6.9E-05 | 1.9E-04 | 1.1E-07 | 2.4E-04 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Acetone | **0.26** | 5.0E-04 | 1.3E-04 | NC | 3.0E-05 | NC | 8.2E-06 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Benzene | **0.17** | 5.0E-04 | 8.5E-05 | 6.9E-06 | 1.9E-05 | 2.0E-07 | 6.5E-03 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | cis-1,2-Dichloroethene | **0.90** | 5.0E-04 | 4.5E-04 | NC | 1.0E-04 | NC | 1.3E-02 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Ethylbenzene | **0.11** | 5.0E-04 | 5.5E-05 | 4.5E-06 | 1.3E-05 | 1.1E-08 | 1.3E-05 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Methylene Chloride | **0.017** | 5.0E-04 | 8.5E-06 | 6.9E-07 | 1.9E-06 | 6.9E-10 | 4.9E-06 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Tetrachloroethene | **0.11** | 5.0E-04 | 5.5E-05 | 4.5E-06 | 1.3E-05 | 2.7E-08 | 3.1E-04 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Toluene | **0.10** | 5.0E-04 | 5.0E-05 | NC | 1.1E-05 | NC | 2.7E-05 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Trichloroethene | **0.66** | 5.0E-04 | 3.3E-04 | 2.7E-05 | 7.5E-05 | 1.1E-07 | 3.8E-02 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Xylenes | **0.73** | 5.0E-04 | 3.7E-04 | NC | 8.3E-05 | NC | 8.3E-04 | 5E-07 | 6E-02 |
| SB-16 | 15 | SB-16 | 8/22/2020 | 1,1-Dichloroethane | **3.6** | 5.0E-04 | 1.8E-03 | 1.5E-04 | 4.1E-04 | 2.3E-07 | 5.1E-04 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Acetone | **0.70** | 5.0E-04 | 3.5E-04 | NC | 8.0E-05 | NC | 2.2E-05 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Benzene | **0.054** | 5.0E-04 | 2.7E-05 | 2.2E-06 | 6.2E-06 | 6.4E-08 | 2.1E-03 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | cis-1,2-Dichloroethene | **5.0** | 5.0E-04 | 2.5E-03 | NC | 5.7E-04 | NC | 7.1E-02 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Methylene Chloride | **2.0** | 5.0E-04 | 1.0E-03 | 8.2E-05 | 2.3E-04 | 8.2E-08 | 5.7E-04 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Tetrachloroethene | **0.10** | 5.0E-04 | 5.0E-05 | 4.1E-06 | 1.1E-05 | 2.5E-08 | 2.9E-04 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Toluene | **0.031** | 5.0E-04 | 1.6E-05 | NC | 3.5E-06 | NC | 8.4E-06 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Trichloroethene | **1.2** | 5.0E-04 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 2.0E-07 | 6.8E-02 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Xylenes | **0.023** | 5.0E-04 | 1.2E-05 | NC | 2.6E-06 | NC | 2.6E-05 | 6E-07 | 1E-01 |
| SB-17 | 5 | SB-17 | 8/22/2020 | 1,1-Dichloroethane | **5.1** | 5.0E-04 | 2.6E-03 | 2.1E-04 | 5.8E-04 | 3.3E-07 | 7.3E-04 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | 2-Butanone (MEK) | **0.51** | 5.0E-04 | 2.6E-04 | NC | 5.8E-05 | NC | 1.2E-05 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | 2-Propanol | **0.31** | 5.0E-04 | 1.6E-04 | NC | 3.5E-05 | NC | 1.8E-04 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Acetone | **3.6** | 5.0E-04 | 1.8E-03 | NC | 4.1E-04 | NC | 1.1E-04 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Benzene | **0.19** | 5.0E-04 | 9.5E-05 | 7.7E-06 | 2.2E-05 | 2.2E-07 | 7.2E-03 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Carbon Disulfide | **0.70** | 5.0E-04 | 3.5E-04 | NC | 8.0E-05 | NC | 1.1E-04 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | cis-1,2-Dichloroethene | **0.72** | 5.0E-04 | 3.6E-04 | NC | 8.2E-05 | NC | 1.0E-02 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Ethylbenzene | **4.9** | 5.0E-04 | 2.5E-03 | 2.0E-04 | 5.6E-04 | 5.0E-07 | 5.6E-04 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Methylene Chloride | **2.7** | 5.0E-04 | 1.4E-03 | 1.1E-04 | 3.1E-04 | 1.1E-07 | 7.7E-04 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Tetrachloroethene | **0.74** | 5.0E-04 | 3.7E-04 | 3.0E-05 | 8.4E-05 | 1.8E-07 | 2.1E-03 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Toluene | **6.2** | 5.0E-04 | 3.1E-03 | NC | 7.1E-04 | NC | 1.7E-03 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Trichloroethene | **2.4** | 5.0E-04 | 1.2E-03 | 9.8E-05 | 2.7E-04 | 4.0E-07 | 1.4E-01 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Vinyl Chloride | **0.51** | 5.0E-04 | 2.6E-04 | 2.1E-05 | 5.8E-05 | **1.6E-06** | 5.8E-04 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Xylenes | **6.1** | 5.0E-04 | 3.1E-03 | NC | 7.0E-04 | NC | 7.0E-03 | **3E-06** | 2E-01 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-17 | 15 | SB-17 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.063** | 5.0E-04 | 3.2E-05 | NC | 7.2E-06 | NC | 1.4E-06 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | 1,1-Dichloroethane | **2.0** | 5.0E-04 | 1.0E-03 | 8.2E-05 | 2.3E-04 | 1.3E-07 | 2.9E-04 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | 1,4-Dioxane | **0.045** | 5.0E-04 | 2.3E-05 | 1.8E-06 | 5.1E-06 | 9.2E-09 | 1.7E-04 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | 2-Butanone (MEK) | **0.049** | 5.0E-04 | 2.5E-05 | NC | 5.6E-06 | NC | 1.1E-06 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Acetone | **0.30** | 5.0E-04 | 1.5E-04 | NC | 3.4E-05 | NC | 9.5E-06 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Benzene | **0.024** | 5.0E-04 | 1.2E-05 | 9.8E-07 | 2.7E-06 | 2.8E-08 | 9.1E-04 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | cis-1,2-Dichloroethene | **0.22** | 5.0E-04 | 1.1E-04 | NC | 2.5E-05 | NC | 3.1E-03 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Ethylbenzene | **0.41** | 5.0E-04 | 2.1E-04 | 1.7E-05 | 4.7E-05 | 4.2E-08 | 4.7E-05 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Methylene Chloride | **0.046** | 5.0E-04 | 2.3E-05 | 1.9E-06 | 5.3E-06 | 1.9E-09 | 1.3E-05 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Tetrachloroethene | **0.12** | 5.0E-04 | 6.0E-05 | 4.9E-06 | 1.4E-05 | 3.0E-08 | 3.4E-04 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Toluene | **0.51** | 5.0E-04 | 2.6E-04 | NC | 5.8E-05 | NC | 1.4E-04 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Trichloroethene | **0.19** | 5.0E-04 | 9.5E-05 | 7.7E-06 | 2.2E-05 | 3.2E-08 | 1.1E-02 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Xylenes | **1.2** | 5.0E-04 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-03 | 3E-07 | 2E-02 |
| SB-18 | 5 | SB-18 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **3.3** | 5.0E-04 | 1.7E-03 | NC | 3.8E-04 | NC | 7.5E-05 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | 1,1-Dichloroethane | **1.3** | 5.0E-04 | 6.5E-04 | 5.3E-05 | 1.5E-04 | 8.5E-08 | 1.9E-04 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | 2-Propanol | **0.28** | 5.0E-04 | 1.4E-04 | NC | 3.2E-05 | NC | 1.6E-04 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Acetone | **1.2** | 5.0E-04 | 6.0E-04 | NC | 1.4E-04 | NC | 3.8E-05 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Carbon Disulfide | **0.13** | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 2.1E-05 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | cis-1,2-Dichloroethene | **3.4** | 5.0E-04 | 1.7E-03 | NC | 3.9E-04 | NC | 4.9E-02 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Ethylbenzene | **0.038** | 5.0E-04 | 1.9E-05 | 1.5E-06 | 4.3E-06 | 3.9E-09 | 4.3E-06 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Methylene Chloride | **1.4** | 5.0E-04 | 7.0E-04 | 5.7E-05 | 1.6E-04 | 5.7E-08 | 4.0E-04 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Tetrachloroethene | **0.98** | 5.0E-04 | 4.9E-04 | 4.0E-05 | 1.1E-04 | 2.4E-07 | 2.8E-03 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Toluene | **0.12** | 5.0E-04 | 6.0E-05 | NC | 1.4E-05 | NC | 3.3E-05 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Trichloroethene | **2.2** | 5.0E-04 | 1.1E-03 | 9.0E-05 | 2.5E-04 | 3.7E-07 | 1.3E-01 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Vinyl Chloride | **0.58** | 5.0E-04 | 2.9E-04 | 2.4E-05 | 6.6E-05 | **1.8E-06** | 6.6E-04 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Xylenes | **0.22** | 5.0E-04 | 1.1E-04 | NC | 2.5E-05 | NC | 2.5E-04 | **3E-06** | 2E-01 |
| SB-18 | 15 | SB-18 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **3.6** | 5.0E-04 | 1.8E-03 | NC | 4.1E-04 | NC | 8.2E-05 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | 1,1-Dichloroethane | **4.3** | 5.0E-04 | 2.2E-03 | 1.8E-04 | 4.9E-04 | 2.8E-07 | 6.1E-04 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Acetone | **0.83** | 5.0E-04 | 4.2E-04 | NC | 9.5E-05 | NC | 2.6E-05 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Benzene | **0.057** | 5.0E-04 | 2.9E-05 | 2.3E-06 | 6.5E-06 | 6.7E-08 | 2.2E-03 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | cis-1,2-Dichloroethene | **14** | 5.0E-04 | 7.0E-03 | NC | 1.6E-03 | NC | 2.0E-01 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Ethylbenzene | **0.12** | 5.0E-04 | 6.0E-05 | 4.9E-06 | 1.4E-05 | 1.2E-08 | 1.4E-05 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Methylene Chloride | **1.0** | 5.0E-04 | 5.0E-04 | 4.1E-05 | 1.1E-04 | 4.1E-08 | 2.9E-04 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Tetrachloroethene | **2.2** | 5.0E-04 | 1.1E-03 | 9.0E-05 | 2.5E-04 | 5.5E-07 | 6.3E-03 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Toluene | **0.13** | 5.0E-04 | 6.5E-05 | NC | 1.5E-05 | NC | 3.5E-05 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Trichloroethene | **2.5** | 5.0E-04 | 1.3E-03 | 1.0E-04 | 2.9E-04 | 4.2E-07 | 1.4E-01 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Xylenes | **0.68** | 5.0E-04 | 3.4E-04 | NC | 7.8E-05 | NC | 7.8E-04 | 1E-06 | 4E-01 |
| SB-20 | 5 | SB-20 | 8/21/2020 | 1,1-Dichloroethane | **1.3** | 5.0E-04 | 6.5E-04 | 5.3E-05 | 1.5E-04 | 8.5E-08 | 1.9E-04 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Acetone | **1.2** | 5.0E-04 | 6.0E-04 | NC | 1.4E-04 | NC | 3.8E-05 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Benzene | **0.12** | 5.0E-04 | 6.0E-05 | 4.9E-06 | 1.4E-05 | 1.4E-07 | 4.6E-03 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | cis-1,2-Dichloroethene | **0.94** | 5.0E-04 | 4.7E-04 | NC | 1.1E-04 | NC | 1.3E-02 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Ethylbenzene | **0.11** | 5.0E-04 | 5.5E-05 | 4.5E-06 | 1.3E-05 | 1.1E-08 | 1.3E-05 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Methylene Chloride | **1.4** | 5.0E-04 | 7.0E-04 | 5.7E-05 | 1.6E-04 | 5.7E-08 | 4.0E-04 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Toluene | **0.27** | 5.0E-04 | 1.4E-04 | NC | 3.1E-05 | NC | 7.3E-05 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Trichloroethene | **0.33** | 5.0E-04 | 1.7E-04 | 1.3E-05 | 3.8E-05 | 5.5E-08 | 1.9E-02 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Xylenes | **0.26** | 5.0E-04 | 1.3E-04 | NC | 3.0E-05 | NC | 3.0E-04 | 4E-07 | 4E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-20 | 15 | SB-20 | 8/21/2020 | 1,1-Dichloroethane | **2.5** | 5.0E-04 | 1.3E-03 | 1.0E-04 | 2.9E-04 | 1.6E-07 | 3.6E-04 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | 1,4-Dioxane | **0.48** | 5.0E-04 | 2.4E-04 | 2.0E-05 | 5.5E-05 | 9.8E-08 | 1.8E-03 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Acetone | **0.99** | 5.0E-04 | 5.0E-04 | NC | 1.1E-04 | NC | 3.1E-05 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | cis-1,2-Dichloroethene | **0.89** | 5.0E-04 | 4.5E-04 | NC | 1.0E-04 | NC | 1.3E-02 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Ethylbenzene | **0.11** | 5.0E-04 | 5.5E-05 | 4.5E-06 | 1.3E-05 | 1.1E-08 | 1.3E-05 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Methylene Chloride | **1.1** | 5.0E-04 | 5.5E-04 | 4.5E-05 | 1.3E-04 | 4.5E-08 | 3.1E-04 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Toluene | **0.72** | 5.0E-04 | 3.6E-04 | NC | 8.2E-05 | NC | 2.0E-04 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Trichloroethene | **0.10** | 5.0E-04 | 5.0E-05 | 4.1E-06 | 1.1E-05 | 1.7E-08 | 5.7E-03 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Xylenes | **0.21** | 5.0E-04 | 1.1E-04 | NC | 2.4E-05 | NC | 2.4E-04 | 3E-07 | 2E-02 |
| SB-21 | 5 | SB-21 | 8/22/2020 | 1,1-Dichloroethane | **10** | 5.0E-04 | 5.0E-03 | 4.1E-04 | 1.1E-03 | 6.5E-07 | 1.4E-03 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Acetone | **4.8** | 5.0E-04 | 2.4E-03 | NC | 5.5E-04 | NC | 1.5E-04 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Benzene | **3.7** | 5.0E-04 | 1.9E-03 | 1.5E-04 | 4.2E-04 | **4.4E-06** | 1.4E-01 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | cis-1,2-Dichloroethene | **18** | 5.0E-04 | 9.0E-03 | NC | 2.1E-03 | NC | 2.6E-01 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Ethylbenzene | **30** | 5.0E-04 | 1.5E-02 | 1.2E-03 | 3.4E-03 | **3.1E-06** | 3.4E-03 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Methylene Chloride | **3.5** | 5.0E-04 | 1.8E-03 | 1.4E-04 | 4.0E-04 | 1.4E-07 | 1.0E-03 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Tetrachloroethene | **4.0** | 5.0E-04 | 2.0E-03 | 1.6E-04 | 4.6E-04 | 9.9E-07 | 1.1E-02 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Toluene | **320** | 5.0E-04 | 1.6E-01 | NC | 3.7E-02 | NC | 8.7E-02 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Trichloroethene | **6.0** | 5.0E-04 | 3.0E-03 | 2.4E-04 | 6.8E-04 | 1.0E-06 | 3.4E-01 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Vinyl Chloride | **32** | 5.0E-04 | 1.6E-02 | 1.3E-03 | 3.7E-03 | **1.0E-04** | 3.7E-02 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Xylenes | **130** | 5.0E-04 | 6.5E-02 | NC | 1.5E-02 | NC | 1.5E-01 | **1E-04** | 1E+00 |
| SB-21 | 15 | SB-21 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.11** | 5.0E-04 | 5.5E-05 | NC | 1.3E-05 | NC | 2.5E-06 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | 1,1-Dichloroethane | **2.5** | 5.0E-04 | 1.3E-03 | 1.0E-04 | 2.9E-04 | 1.6E-07 | 3.6E-04 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | 1,4-Dioxane | **1.5** | 5.0E-04 | 7.5E-04 | 6.1E-05 | 1.7E-04 | 3.1E-07 | 5.7E-03 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Acetone | **15** | 5.0E-04 | 7.5E-03 | NC | 1.7E-03 | NC | 4.8E-04 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Benzene | **0.21** | 5.0E-04 | 1.1E-04 | 8.6E-06 | 2.4E-05 | 2.5E-07 | 8.0E-03 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | cis-1,2-Dichloroethene | **0.30** | 5.0E-04 | 1.5E-04 | NC | 3.4E-05 | NC | 4.3E-03 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Ethylbenzene | **1.2** | 5.0E-04 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 1.2E-07 | 1.4E-04 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Methylene Chloride | **9.3** | 5.0E-04 | 4.7E-03 | 3.8E-04 | 1.1E-03 | 3.8E-07 | 2.7E-03 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Tetrachloroethene | **0.82** | 5.0E-04 | 4.1E-04 | 3.3E-05 | 9.4E-05 | 2.0E-07 | 2.3E-03 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Toluene | **9.4** | 5.0E-04 | 4.7E-03 | NC | 1.1E-03 | NC | 2.6E-03 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Trichloroethene | **0.29** | 5.0E-04 | 1.5E-04 | 1.2E-05 | 3.3E-05 | 4.8E-08 | 1.7E-02 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Vinyl Chloride | **0.86** | 5.0E-04 | 4.3E-04 | 3.5E-05 | 9.8E-05 | **2.7E-06** | 9.8E-04 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Xylenes | **6.5** | 5.0E-04 | 3.3E-03 | NC | 7.4E-04 | NC | 7.4E-03 | **4E-06** | 5E-02 |
| SB-22 | 5 | SB-22 | 8/22/2020 | 1,1-Dichloroethane | **0.54** | 5.0E-04 | 2.7E-04 | 2.2E-05 | 6.2E-05 | 3.5E-08 | 7.7E-05 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | Acetone | **3.6** | 5.0E-04 | 1.8E-03 | NC | 4.1E-04 | NC | 1.1E-04 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | cis-1,2-Dichloroethene | **0.33** | 5.0E-04 | 1.7E-04 | NC | 3.8E-05 | NC | 4.7E-03 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | Methylene Chloride | **5.6** | 5.0E-04 | 2.8E-03 | 2.3E-04 | 6.4E-04 | 2.3E-07 | 1.6E-03 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | Trichloroethene | **0.32** | 5.0E-04 | 1.6E-04 | 1.3E-05 | 3.7E-05 | 5.3E-08 | 1.8E-02 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | Xylenes | **0.16** | 5.0E-04 | 8.0E-05 | NC | 1.8E-05 | NC | 1.8E-04 | 3E-07 | 2E-02 |
| SB-22 | 15 | SB-22 | 8/22/2020 | 1,1-Dichloroethane | **1.8** | 5.0E-04 | 9.0E-04 | 7.3E-05 | 2.1E-04 | 1.2E-07 | 2.6E-04 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Acetone | **0.079** | 5.0E-04 | 4.0E-05 | NC | 9.0E-06 | NC | 2.5E-06 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | cis-1,2-Dichloroethene | **0.12** | 5.0E-04 | 6.0E-05 | NC | 1.4E-05 | NC | 1.7E-03 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Methylene Chloride | **0.0054** | 5.0E-04 | 2.7E-06 | 2.2E-07 | 6.2E-07 | 2.2E-10 | 1.5E-06 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Tetrachloroethene | **0.53** | 5.0E-04 | 2.7E-04 | 2.2E-05 | 6.1E-05 | 1.3E-07 | 1.5E-03 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Trichloroethene | **2.1** | 5.0E-04 | 1.1E-03 | 8.6E-05 | 2.4E-04 | 3.5E-07 | 1.2E-01 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Xylenes | **0.0075** | 5.0E-04 | 3.8E-06 | NC | 8.6E-07 | NC | 8.6E-06 | 6E-07 | 1E-01 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-23 | 5 | SB-23 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.015** | 5.0E-04 | 7.5E-06 | NC | 1.7E-06 | NC | 3.4E-07 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | 1,1-Dichloroethane | **0.027** | 5.0E-04 | 1.4E-05 | 1.1E-06 | 3.1E-06 | 1.8E-09 | 3.9E-06 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Acetone | **0.051** | 5.0E-04 | 2.6E-05 | NC | 5.8E-06 | NC | 1.6E-06 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Benzene | **0.048** | 5.0E-04 | 2.4E-05 | 2.0E-06 | 5.5E-06 | 5.7E-08 | 1.8E-03 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | cis-1,2-Dichloroethene | **0.0065** | 5.0E-04 | 3.3E-06 | NC | 7.4E-07 | NC | 9.3E-05 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Ethylbenzene | **0.019** | 5.0E-04 | 9.5E-06 | 7.7E-07 | 2.2E-06 | 1.9E-09 | 2.2E-06 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Methylene Chloride | **0.0077** | 5.0E-04 | 3.9E-06 | 3.1E-07 | 8.8E-07 | 3.1E-10 | 2.2E-06 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Tetrachloroethene | **0.059** | 5.0E-04 | 3.0E-05 | 2.4E-06 | 6.7E-06 | 1.5E-08 | 1.7E-04 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Toluene | **0.15** | 5.0E-04 | 7.5E-05 | NC | 1.7E-05 | NC | 4.1E-05 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Trichloroethene | **0.022** | 5.0E-04 | 1.1E-05 | 9.0E-07 | 2.5E-06 | 3.7E-09 | 1.3E-03 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Xylenes | **0.091** | 5.0E-04 | 4.6E-05 | NC | 1.0E-05 | NC | 1.0E-04 | 8E-08 | 3E-03 |
| SB-23 | 15 | SB-23 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.016** | 5.0E-04 | 8.0E-06 | NC | 1.8E-06 | NC | 3.7E-07 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | 1,1-Dichloroethane | **1.1** | 5.0E-04 | 5.5E-04 | 4.5E-05 | 1.3E-04 | 7.2E-08 | 1.6E-04 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Acetone | **0.031** | 5.0E-04 | 1.6E-05 | NC | 3.5E-06 | NC | 9.8E-07 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | cis-1,2-Dichloroethene | **0.015** | 5.0E-04 | 7.5E-06 | NC | 1.7E-06 | NC | 2.1E-04 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Methylene Chloride | **0.0064** | 5.0E-04 | 3.2E-06 | 2.6E-07 | 7.3E-07 | 2.6E-10 | 1.8E-06 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Tetrachloroethene | **0.36** | 5.0E-04 | 1.8E-04 | 1.5E-05 | 4.1E-05 | 9.0E-08 | 1.0E-03 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Toluene | **0.053** | 5.0E-04 | 2.7E-05 | NC | 6.1E-06 | NC | 1.4E-05 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Trichloroethene | **0.42** | 5.0E-04 | 2.1E-04 | 1.7E-05 | 4.8E-05 | 7.0E-08 | 2.4E-02 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Vinyl Chloride | **0.011** | 5.0E-04 | 5.5E-06 | 4.5E-07 | 1.3E-06 | 3.5E-08 | 1.3E-05 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Xylenes | **0.0095** | 5.0E-04 | 4.8E-06 | NC | 1.1E-06 | NC | 1.1E-05 | 3E-07 | 3E-02 |
| SB-24 | 5 | SB-24 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.036** | 5.0E-04 | 1.8E-05 | NC | 4.1E-06 | NC | 8.2E-07 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Acetone | **0.12** | 5.0E-04 | 6.0E-05 | NC | 1.4E-05 | NC | 3.8E-06 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Benzene | **0.019** | 5.0E-04 | 9.5E-06 | 7.7E-07 | 2.2E-06 | 2.2E-08 | 7.2E-04 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Ethylbenzene | **0.023** | 5.0E-04 | 1.2E-05 | 9.4E-07 | 2.6E-06 | 2.3E-09 | 2.6E-06 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Tetrachloroethene | **0.58** | 5.0E-04 | 2.9E-04 | 2.4E-05 | 6.6E-05 | 1.4E-07 | 1.7E-03 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Toluene | **0.22** | 5.0E-04 | 1.1E-04 | NC | 2.5E-05 | NC | 6.0E-05 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Trichloroethene | **0.020** | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 3.3E-09 | 1.1E-03 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Xylenes | **0.11** | 5.0E-04 | 5.5E-05 | NC | 1.3E-05 | NC | 1.3E-04 | 2E-07 | 4E-03 |
| SB-24 | 15 | SB-24 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.052** | 5.0E-04 | 2.6E-05 | NC | 5.9E-06 | NC | 1.2E-06 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | 1,1-Dichloroethane | **0.089** | 5.0E-04 | 4.5E-05 | 3.6E-06 | 1.0E-05 | 5.8E-09 | 1.3E-05 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Acetone | **0.064** | 5.0E-04 | 3.2E-05 | NC | 7.3E-06 | NC | 2.0E-06 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Ethylbenzene | **0.020** | 5.0E-04 | 1.0E-05 | 8.2E-07 | 2.3E-06 | 2.0E-09 | 2.3E-06 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Tetrachloroethene | **0.98** | 5.0E-04 | 4.9E-04 | 4.0E-05 | 1.1E-04 | 2.4E-07 | 2.8E-03 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Toluene | **0.092** | 5.0E-04 | 4.6E-05 | NC | 1.1E-05 | NC | 2.5E-05 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Trichloroethene | **0.12** | 5.0E-04 | 6.0E-05 | 4.9E-06 | 1.4E-05 | 2.0E-08 | 6.8E-03 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Vinyl Chloride | **0.0041** | 5.0E-04 | 2.1E-06 | 1.7E-07 | 4.7E-07 | 1.3E-08 | 4.7E-06 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Xylenes | **0.097** | 5.0E-04 | 4.9E-05 | NC | 1.1E-05 | NC | 1.1E-04 | 3E-07 | 1E-02 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-25 | 5 | SB-25 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.035** | 5.0E-04 | 1.8E-05 | NC | 4.0E-06 | NC | 8.0E-07 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | 1,1-Dichloroethane | **0.0016** | 5.0E-04 | 8.0E-07 | 6.5E-08 | 1.8E-07 | 1.0E-10 | 2.3E-07 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Acetone | **0.046** | 5.0E-04 | 2.3E-05 | NC | 5.3E-06 | NC | 1.5E-06 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Benzene | **0.0049** | 5.0E-04 | 2.5E-06 | 2.0E-07 | 5.6E-07 | 5.8E-09 | 1.9E-04 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Carbon Disulfide | **0.0035** | 5.0E-04 | 1.8E-06 | NC | 4.0E-07 | NC | 5.7E-07 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | cis-1,2-Dichloroethene | **0.0017** | 5.0E-04 | 8.5E-07 | NC | 1.9E-07 | NC | 2.4E-05 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Ethylbenzene | **0.060** | 5.0E-04 | 3.0E-05 | 2.4E-06 | 6.8E-06 | 6.1E-09 | 6.8E-06 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Methylene Chloride | **0.0054** | 5.0E-04 | 2.7E-06 | 2.2E-07 | 6.2E-07 | 2.2E-10 | 1.5E-06 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Tetrachloroethene | **0.15** | 5.0E-04 | 7.5E-05 | 6.1E-06 | 1.7E-05 | 3.7E-08 | 4.3E-04 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Toluene | **0.033** | 5.0E-04 | 1.7E-05 | NC | 3.8E-06 | NC | 9.0E-06 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Trichloroethene | **0.0069** | 5.0E-04 | 3.5E-06 | 2.8E-07 | 7.9E-07 | 1.2E-09 | 3.9E-04 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Xylenes | **0.41** | 5.0E-04 | 2.1E-04 | NC | 4.7E-05 | NC | 4.7E-04 | 5E-08 | 2E-03 |
| SB-25 | 15 | SB-25 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.16** | 5.0E-04 | 8.0E-05 | NC | 1.8E-05 | NC | 3.7E-06 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | 1,1-Dichloroethane | **0.021** | 5.0E-04 | 1.1E-05 | 8.6E-07 | 2.4E-06 | 1.4E-09 | 3.0E-06 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Acetone | **0.041** | 5.0E-04 | 2.1E-05 | NC | 4.7E-06 | NC | 1.3E-06 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Benzene | **0.0025** | 5.0E-04 | 1.3E-06 | 1.0E-07 | 2.9E-07 | 3.0E-09 | 9.5E-05 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Ethylbenzene | **0.070** | 5.0E-04 | 3.5E-05 | 2.9E-06 | 8.0E-06 | 7.1E-09 | 8.0E-06 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Tetrachloroethene | **0.68** | 5.0E-04 | 3.4E-04 | 2.8E-05 | 7.8E-05 | 1.7E-07 | 1.9E-03 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Toluene | **0.011** | 5.0E-04 | 5.5E-06 | NC | 1.3E-06 | NC | 3.0E-06 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Trichloroethene | **0.071** | 5.0E-04 | 3.6E-05 | 2.9E-06 | 8.1E-06 | 1.2E-08 | 4.1E-03 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Xylenes | **0.49** | 5.0E-04 | 2.5E-04 | NC | 5.6E-05 | NC | 5.6E-04 | 2E-07 | 7E-03 |

**TABLE G-1**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.0005: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

**Abbreviations:**

bgs = below ground surface

HI = hazard index

HQ = hazard quotient

ILECR = incremental lifetime excess cancer risk

NC = Not considered to be a carcinogen.

$mg/m^3$ = milligrams per cubic meter

**Notes:**

[a] Measured chemical concentration in subsurface soil gas. Detected results are presented in bold. Non-detect results are represented by one-half the laboratory reporting limit; non-detect results are included if the chemical was detected in at least one Site soil gas sample. In the case of non-detect results in both duplicate and primary samples, one-half of the lower of the two reporting limits was evaluated.

[b] The attenuation factor represents the relationship between the chemical concentration in soil gas and the chemical concentration in indoor air (resulting from volatilization from soil gas*i.e.* , vapor intrusion). A default attenuation factor published by the California Department of Toxic Substances Control was used to calculate ILECRs and HIs. Specifically, the DTSC-recommended value of 0.0005 for commercial buildings (DTSC, 2011) was used for the scenario evaluated (future on-Site non-intrusive workers).

[c] The exposure point concentration (EPC) in indoor air is the predicted estimated indoor air concentration the receptor may be exposed to (EPC = soil gas concentration × attenuation factor).

[d] Exposure concentrations (ECs) were calculated using equations presented in Table 4 and exposure parameters presented in Table 3.

[e] Incremental lifetime excess cancer risks (ILECRs) and noncancer hazard quotients (HQs) calculated from ECs as follows:
ILECR = EC (cancer effects) × URF
HQ = EC (noncancer effects) / RfC
Unit risk factors (URFs) and reference concentrations (RfCs) presented in Table 7.
ILECRs greater than $1\times10^{-6}$ and HQs/HIs greater than 1 are bolded and shaded.

**References:**

DTSC. 2011. Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance). October.

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,1,1-Trichloroethane | 0.0025 | 3.0E-02 | 7.5E-05 | NC | 1.7E-05 | NC | 1.7E-05 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.0025 | 3.0E-02 | 7.5E-05 | NC | 1.7E-05 | NC | 3.4E-06 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,1-Dichloroethane | **6.3** | 3.0E-02 | 1.9E-01 | 1.5E-02 | 4.3E-02 | **2.5E-05** | 5.4E-02 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,1-Dichloroethene | **0.035** | 3.0E-02 | 1.1E-03 | NC | 2.4E-04 | NC | 3.4E-03 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,2,4-Trimethylbenzene | **5.2** | 3.0E-02 | 1.6E-01 | NC | 3.6E-02 | NC | 5.9E-01 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 1,2-Dichloropropane | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 1.2E-07 | 8.6E-03 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | 4-Isopropyltoluene | **0.24** | 3.0E-02 | 7.2E-03 | NC | 1.6E-03 | NC | 4.1E-03 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Benzene | **1.8** | 3.0E-02 | 5.4E-02 | 4.4E-03 | 1.2E-02 | **1.3E-04** | **4.1E+00** | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Bromodichloromethane | 0.0025 | 3.0E-02 | 7.5E-05 | 6.1E-06 | 1.7E-05 | 2.3E-07 | 2.1E-04 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Carbon Disulfide | **0.063** | 3.0E-02 | 1.9E-03 | NC | 4.3E-04 | NC | 6.2E-04 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Chloroform | **0.033** | 3.0E-02 | 9.9E-04 | 8.1E-05 | 2.3E-04 | **1.9E-06** | 2.3E-03 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | cis-1,2-Dichloroethene | **5.6** | 3.0E-02 | 1.7E-01 | NC | 3.8E-02 | NC | **4.8E+00** | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Ethylbenzene | **15** | 3.0E-02 | 4.5E-01 | 3.7E-02 | 1.0E-01 | **9.2E-05** | 1.0E-01 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Tetrachloroethene | **5.9** | 3.0E-02 | 1.8E-01 | 1.4E-02 | 4.0E-02 | **8.8E-05** | 1.0E+00 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Toluene | **37** | 3.0E-02 | 1.1E+00 | NC | 2.5E-01 | NC | 6.0E-01 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | trans-1,2-Dichloroethene | **0.23** | 3.0E-02 | 6.9E-03 | NC | 1.6E-03 | NC | 2.0E-02 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Trichloroethene | **2.2** | 3.0E-02 | 6.6E-02 | 5.4E-03 | 1.5E-02 | **2.2E-05** | **7.5E+00** | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Vinyl Chloride | **17** | 3.0E-02 | 5.1E-01 | 4.2E-02 | 1.2E-01 | **3.2E-03** | 1.2E+00 | | |
| HP-4 | 5 | HP-4 | 9/25/2020 | Xylenes | **63** | 3.0E-02 | 1.9E+00 | NC | 4.3E-01 | NC | **4.3E+00** | **4E-03** | **2E+01** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,1-Dichloroethane | **2.7** | 3.0E-02 | 8.1E-02 | 6.6E-03 | 1.8E-02 | **1.1E-05** | 2.3E-02 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,1-Dichloroethene | **0.10** | 3.0E-02 | 3.0E-03 | NC | 6.8E-04 | NC | 9.8E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,2,4-Trimethylbenzene | **0.25** | 3.0E-02 | 7.5E-03 | NC | 1.7E-03 | NC | 2.9E-02 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,2-Dichloroethane | **0.14** | 3.0E-02 | 4.2E-03 | 3.4E-04 | 9.6E-04 | **8.9E-06** | 1.4E-01 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 1,3,5-Trimethylbenzene | **0.12** | 3.0E-02 | 3.6E-03 | NC | 8.2E-04 | NC | 1.4E-02 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Benzene | **0.76** | 3.0E-02 | 2.3E-02 | 1.9E-03 | 5.2E-03 | **5.4E-05** | **1.7E+00** | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | cis-1,2-Dichloroethene | **5.9** | 3.0E-02 | 1.8E-01 | NC | 4.0E-02 | NC | **5.1E+00** | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Ethylbenzene | **4.1** | 3.0E-02 | 1.2E-01 | 1.0E-02 | 2.8E-02 | **2.5E-05** | 2.8E-02 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Isopropylbenzene (Cumene) | **0.15** | 3.0E-02 | 4.5E-03 | NC | 1.0E-03 | NC | 2.6E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Propylbenzene | **0.12** | 3.0E-02 | 3.6E-03 | NC | 8.2E-04 | NC | 8.2E-04 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Tetrachloroethene | **0.85** | 3.0E-02 | 2.6E-02 | 2.1E-03 | 5.8E-03 | **1.3E-05** | 1.5E-01 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Toluene | **47** | 3.0E-02 | 1.4E+00 | NC | 3.2E-01 | NC | 7.7E-01 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | trans-1,2-Dichloroethene | **0.11** | 3.0E-02 | 3.3E-03 | NC | 7.5E-04 | NC | 9.4E-03 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Trichloroethene | **0.38** | 3.0E-02 | 1.1E-02 | 9.3E-04 | 2.6E-03 | **3.8E-06** | 1.3E+00 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Vinyl Chloride | **6.9** | 3.0E-02 | 2.1E-01 | 1.7E-02 | 4.7E-02 | **1.3E-03** | 4.7E-01 | | |
| HP-4 | 5 | HP-4 | 3/28/2023 | Xylenes | **16** | 3.0E-02 | 4.8E-01 | NC | 1.1E-01 | NC | 1.1E+00 | **1E-03** | **1E+01** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,1,1-Trichloroethane | 0.0025 | 3.0E-02 | 7.5E-05 | NC | 1.7E-05 | NC | 1.7E-05 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.013** | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,1-Dichloroethane | **2.0** | 3.0E-02 | 6.0E-02 | 4.9E-03 | 1.4E-02 | **7.8E-06** | 1.7E-02 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,1-Dichloroethene | **0.017** | 3.0E-02 | 5.1E-04 | NC | 1.2E-04 | NC | 1.7E-03 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,2,4-Trimethylbenzene | **0.31** | 3.0E-02 | 9.3E-03 | NC | 2.1E-03 | NC | 3.5E-02 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 1,2-Dichloropropane | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 1.2E-07 | 8.6E-03 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | 4-Isopropyltoluene | **0.016** | 3.0E-02 | 4.8E-04 | NC | 1.1E-04 | NC | 2.7E-04 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Benzene | **0.030** | 3.0E-02 | 9.0E-04 | 7.3E-05 | 2.1E-04 | **2.1E-06** | 6.8E-02 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Bromodichloromethane | **0.039** | 3.0E-02 | 1.2E-03 | 9.5E-05 | 2.7E-04 | **3.5E-06** | 3.3E-03 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Carbon Disulfide | 0.0025 | 3.0E-02 | 7.5E-05 | NC | 1.7E-05 | NC | 2.4E-05 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Chloroform | **0.014** | 3.0E-02 | 4.2E-04 | 3.4E-05 | 9.6E-05 | 7.9E-07 | 9.8E-04 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | cis-1,2-Dichloroethene | **0.32** | 3.0E-02 | 9.6E-03 | NC | 2.2E-03 | NC | 2.7E-01 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Ethylbenzene | **0.44** | 3.0E-02 | 1.3E-02 | 1.1E-03 | 3.0E-03 | **2.7E-06** | 3.0E-03 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Tetrachloroethene | **0.22** | 3.0E-02 | 6.6E-03 | 5.4E-04 | 1.5E-03 | **3.3E-06** | 3.8E-02 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Toluene | **2.8** | 3.0E-02 | 8.4E-02 | NC | 1.9E-02 | NC | 4.6E-02 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | trans-1,2-Dichloroethene | **0.019** | 3.0E-02 | 5.7E-04 | NC | 1.3E-04 | NC | 1.6E-03 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Trichloroethene | **0.10** | 3.0E-02 | 3.0E-03 | 2.4E-04 | 6.8E-04 | 1.0E-06 | 3.4E-01 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Vinyl Chloride | **0.74** | 3.0E-02 | 2.2E-02 | 1.8E-03 | 5.1E-03 | **1.4E-04** | 5.1E-02 | | |
| HP-4 | 15 | HP-4 | 9/25/2020 | Xylenes | **3.0** | 3.0E-02 | 9.0E-02 | NC | 2.1E-02 | NC | 2.1E-01 | **2E-04** | 1E+00 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,1-Dichloroethane | **0.13** | 3.0E-02 | 3.9E-03 | 3.2E-04 | 8.9E-04 | 5.1E-07 | 1.1E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,2,4-Trimethylbenzene | **0.080** | 3.0E-02 | 2.4E-03 | NC | 5.5E-04 | NC | 9.1E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 1,3,5-Trimethylbenzene | **0.030** | 3.0E-02 | 9.0E-04 | NC | 2.1E-04 | NC | 3.4E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Benzene | **0.050** | 3.0E-02 | 1.5E-03 | 1.2E-04 | 3.4E-04 | **3.5E-06** | 1.1E-01 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | cis-1,2-Dichloroethene | **0.31** | 3.0E-02 | 9.3E-03 | NC | 2.1E-03 | NC | 2.7E-01 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Ethylbenzene | **0.61** | 3.0E-02 | 1.8E-02 | 1.5E-03 | 4.2E-03 | **3.7E-06** | 4.2E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Tetrachloroethene | **0.050** | 3.0E-02 | 1.5E-03 | 1.2E-04 | 3.4E-04 | 7.5E-07 | 8.6E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Toluene | **5.4** | 3.0E-02 | 1.6E-01 | NC | 3.7E-02 | NC | 8.8E-02 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Trichloroethene | **0.030** | 3.0E-02 | 9.0E-04 | 7.3E-05 | 2.1E-04 | 3.0E-07 | 1.0E-01 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Vinyl Chloride | **0.15** | 3.0E-02 | 4.5E-03 | 3.7E-04 | 1.0E-03 | **2.9E-05** | 1.0E-02 | | |
| HP-4 | 15 | HP-4 | 3/28/2023 | Xylenes | **3.4** | 3.0E-02 | 1.0E-01 | NC | 2.3E-02 | NC | 2.3E-01 | **4E-05** | 9E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Ethylbenzene | **0.050** | 3.0E-02 | 1.5E-03 | 1.2E-04 | 3.4E-04 | 3.1E-07 | 3.4E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Tetrachloroethene | **0.060** | 3.0E-02 | 1.8E-03 | 1.5E-04 | 4.1E-04 | 9.0E-07 | 1.0E-02 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Toluene | **0.27** | 3.0E-02 | 8.1E-03 | NC | 1.8E-03 | NC | 4.4E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Trichloroethene | **0.040** | 3.0E-02 | 1.2E-03 | 9.8E-05 | 2.7E-04 | 4.0E-07 | 1.4E-01 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-5 | 5 | HP-5 | 3/28/2023 | Xylenes | **0.24** | 3.0E-02 | 7.2E-03 | NC | 1.6E-03 | NC | 1.6E-02 | **8E-06** | 3E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Tetrachloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.9E-07 | 2.2E-03 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-6 | 5 | HP-6 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **6E-06** | 1E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Tetrachloroethene | **0.24** | 3.0E-02 | 7.2E-03 | 5.9E-04 | 1.6E-03 | **3.6E-06** | 4.1E-02 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Trichloroethene | **0.31** | 3.0E-02 | 9.3E-03 | 7.6E-04 | 2.1E-03 | **3.1E-06** | 1.1E+00 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-6 | 15 | HP-6 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **1E-05** | 1E+00 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Tetrachloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.9E-07 | 2.2E-03 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-7 | 5 | HP-7 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **6E-06** | 1E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Tetrachloroethene | **0.030** | 3.0E-02 | 9.0E-04 | 7.3E-05 | 2.1E-04 | 4.5E-07 | 5.1E-03 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-8 | 5 | HP-8 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **7E-06** | 1E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Tetrachloroethene | **0.41** | 3.0E-02 | 1.2E-02 | 1.0E-03 | 2.8E-03 | **6.1E-06** | 7.0E-02 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Trichloroethene | **0.14** | 3.0E-02 | 4.2E-03 | 3.4E-04 | 9.6E-04 | 1.4E-06 | 4.8E-01 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-8 | 15 | HP-8 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **1E-05** | 6E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Tetrachloroethene | **13** | 3.0E-02 | 3.9E-01 | 3.2E-02 | 8.9E-02 | **1.9E-04** | **2.2E+00** | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Trichloroethene | **0.35** | 3.0E-02 | 1.1E-02 | 8.6E-04 | 2.4E-03 | **3.5E-06** | 1.2E+00 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-9 | 5 | HP-9 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **2E-04** | **4E+00** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,1,1-Trichloroethane | **0.050** | 3.0E-02 | 1.5E-03 | NC | 3.4E-04 | NC | 3.4E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | cis-1,2-Dichloroethene | **0.070** | 3.0E-02 | 2.1E-03 | NC | 4.8E-04 | NC | 6.0E-02 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Tetrachloroethene | **56** | 3.0E-02 | 1.7E+00 | 1.4E-01 | 3.8E-01 | **8.4E-04** | **9.6E+00** | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | trans-1,2-Dichloroethene | **0.050** | 3.0E-02 | 1.5E-03 | NC | 3.4E-04 | NC | 4.3E-03 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Trichloroethene | **2.0** | 3.0E-02 | 6.0E-02 | 4.9E-03 | 1.4E-02 | **2.0E-05** | **6.8E+00** | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-9 | 15 | HP-9 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **9E-04** | **2E+01** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Tetrachloroethene | **0.57** | 3.0E-02 | 1.7E-02 | 1.4E-03 | 3.9E-03 | **8.5E-06** | 9.8E-02 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Trichloroethene | **0.050** | 3.0E-02 | 1.5E-03 | 1.2E-04 | 3.4E-04 | 5.0E-07 | 1.7E-01 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-10 | 5 | HP-10 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **2E-05** | 4E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Tetrachloroethene | **1.4** | 3.0E-02 | 4.2E-02 | 3.4E-03 | 9.6E-03 | **2.1E-05** | 2.4E-01 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Trichloroethene | **0.16** | 3.0E-02 | 4.8E-03 | 3.9E-04 | 1.1E-03 | **1.6E-06** | 5.5E-01 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-10 | 15 | HP-10 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **3E-05** | 9E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Tetrachloroethene | **0.080** | 3.0E-02 | 2.4E-03 | 2.0E-04 | 5.5E-04 | 1.2E-06 | 1.4E-02 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-11 | 5 | HP-11 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **7E-06** | 2E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Tetrachloroethene | **0.15** | 3.0E-02 | 4.5E-03 | 3.7E-04 | 1.0E-03 | **2.2E-06** | 2.6E-02 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-11 | 15 | HP-11 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **8E-06** | 2E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Ethylbenzene | **0.090** | 3.0E-02 | 2.7E-03 | 2.2E-04 | 6.2E-04 | 5.5E-07 | 6.2E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Tetrachloroethene | **0.21** | 3.0E-02 | 6.3E-03 | 5.1E-04 | 1.4E-03 | **3.1E-06** | 3.6E-02 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Toluene | **0.96** | 3.0E-02 | 2.9E-02 | NC | 6.6E-03 | NC | 1.6E-02 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-12 | 5 | HP-12 | 3/28/2023 | Xylenes | **0.43** | 3.0E-02 | 1.3E-02 | NC | 2.9E-03 | NC | 2.9E-02 | **1E-05** | 2E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Tetrachloroethene | **0.15** | 3.0E-02 | 4.5E-03 | 3.7E-04 | 1.0E-03 | **2.2E-06** | 2.6E-02 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Toluene | **0.15** | 3.0E-02 | 4.5E-03 | NC | 1.0E-03 | NC | 2.4E-03 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-12 | 15 | HP-12 | 3/28/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **8E-06** | 2E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,1-Dichloroethane | **0.060** | 3.0E-02 | 1.8E-03 | 1.5E-04 | 4.1E-04 | 2.3E-07 | 5.1E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Benzene | **0.060** | 3.0E-02 | 1.8E-03 | 1.5E-04 | 4.1E-04 | **4.3E-06** | 1.4E-01 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | cis-1,2-Dichloroethene | **0.060** | 3.0E-02 | 1.8E-03 | NC | 4.1E-04 | NC | 5.1E-02 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Ethylbenzene | **0.18** | 3.0E-02 | 5.4E-03 | 4.4E-04 | 1.2E-03 | 1.1E-06 | 1.2E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Tetrachloroethene | **0.11** | 3.0E-02 | 3.3E-03 | 2.7E-04 | 7.5E-04 | **1.6E-06** | 1.9E-02 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Toluene | **0.13** | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.1E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Trichloroethene | **0.11** | 3.0E-02 | 3.3E-03 | 2.7E-04 | 7.5E-04 | 1.1E-06 | 3.8E-01 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Vinyl Chloride | **0.11** | 3.0E-02 | 3.3E-03 | 2.7E-04 | 7.5E-04 | **2.1E-05** | 7.5E-03 | | |
| HP-13 | 5 | HP-13 | 3/28/2023 | Xylenes | **0.39** | 3.0E-02 | 1.2E-02 | NC | 2.7E-03 | NC | 2.7E-02 | **3E-05** | 7E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Tetrachloroethene | **0.17** | 3.0E-02 | 5.1E-03 | 4.2E-04 | 1.2E-03 | **2.5E-06** | 2.9E-02 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-14 | 5 | HP-14 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **9E-06** | 2E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Tetrachloroethene | **0.81** | 3.0E-02 | 2.4E-02 | 2.0E-03 | 5.5E-03 | **1.2E-05** | 1.4E-01 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Trichloroethene | **0.080** | 3.0E-02 | 2.4E-03 | 2.0E-04 | 5.5E-04 | 8.0E-07 | 2.7E-01 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-14 | 15 | HP-14 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **2E-05** | 5E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Tetrachloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.9E-07 | 2.2E-03 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Toluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.1E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-15 | 5 | HP-15 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **6E-06** | 1E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,1-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 5.1E-08 | 1.1E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,2,4-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | cis-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-02 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Ethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.0E-08 | 8.9E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Isopropylbenzene (Cumene) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Tetrachloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.9E-07 | 2.2E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Toluene | **0.10** | 3.0E-02 | 3.0E-03 | NC | 6.8E-04 | NC | 1.6E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | trans-1,2-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.1E-03 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Trichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.3E-07 | 4.5E-02 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Vinyl Chloride | 0.0065 | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.5E-05 | 1.2E-06 | 4.5E-04 | | |
| HP-15 | 15 | HP-15 | 3/20/2023 | Xylenes | 0.025 | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 1.7E-03 | **6E-06** | 1E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,1,1-Trichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.18** | 3.0E-02 | 5.4E-03 | NC | 1.2E-03 | NC | 2.5E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,1-Dichloroethane | **0.42** | 3.0E-02 | 1.3E-02 | 1.0E-03 | 2.9E-03 | **1.6E-06** | 3.6E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,1-Dichloroethene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.3E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,2,4-Trimethylbenzene | **0.060** | 3.0E-02 | 1.8E-03 | NC | 4.1E-04 | NC | 6.8E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,2-Dichloroethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-07 | 1.3E-02 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,2-Dichloropropane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 3.2E-07 | 2.2E-02 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 1,3,5-Trimethylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.5E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 2-Butanone (MEK) | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.8E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | 4-Isopropyltoluene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 2.2E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Acetone | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.5E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Benzene | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 9.2E-07 | 3.0E-02 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Bromodichloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 1.2E-06 | 1.1E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Carbon Disulfide | 0.13 | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Chlorobenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Chloroethane | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-06 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Chloroform | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 7.3E-07 | 9.1E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | cis-1,2-Dichloroethene | **0.48** | 3.0E-02 | 1.4E-02 | NC | 3.3E-03 | NC | 4.1E-01 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Dibromochloromethane | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 6.7E-07 | 1.1E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Dichlorodifluoromethane (Freon 12) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Ethylbenzene | **0.21** | 3.0E-02 | 6.3E-03 | 5.1E-04 | 1.4E-03 | 1.3E-06 | 1.4E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Isopropylbenzene (Cumene) | **0.030** | 3.0E-02 | 9.0E-04 | NC | 2.1E-04 | NC | 5.1E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Methyl tert-butyl ether (MTBE) | 0.013 | 3.0E-02 | 3.9E-04 | 3.2E-05 | 8.9E-05 | 8.3E-09 | 3.0E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Methylene Chloride | 0.015 | 3.0E-02 | 4.5E-04 | 3.7E-05 | 1.0E-04 | 3.7E-08 | 2.6E-04 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Propylbenzene | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 8.9E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Tetrachloroethene | **0.17** | 3.0E-02 | 5.1E-03 | 4.2E-04 | 1.2E-03 | **2.5E-06** | 2.9E-02 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Toluene | **0.70** | 3.0E-02 | 2.1E-02 | NC | 4.8E-03 | NC | 1.1E-02 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | trans-1,2-Dichloroethene | **0.040** | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 3.4E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Trichloroethene | **0.53** | 3.0E-02 | 1.6E-02 | 1.3E-03 | 3.6E-03 | **5.3E-06** | **1.8E+00** | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Trichlorofluoromethane (Freon 11) | 0.013 | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 7.4E-05 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Vinyl Chloride | **0.050** | 3.0E-02 | 1.5E-03 | 1.2E-04 | 3.4E-04 | **9.5E-06** | 3.4E-03 | | |
| LV-3 | 10 | LV-3 | 3/28/2023 | Xylenes | **0.97** | 3.0E-02 | 2.9E-02 | NC | 6.6E-03 | NC | 6.6E-02 | **3E-05** | **2E+00** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.7E-05 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,1-Dichloroethane | **1.4** | 3.0E-02 | 4.2E-02 | 3.4E-03 | 9.6E-03 | **5.5E-06** | 1.2E-02 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,1-Dichloroethene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.0E-03 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.3E-03 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-07 | 3.4E-02 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 3.4E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Benzene | **0.067** | 3.0E-02 | 2.0E-03 | 1.6E-04 | 4.6E-04 | **4.8E-06** | 1.5E-01 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Bromodichloromethane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | **1.8E-06** | 1.7E-03 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Chloroform | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 2.8E-07 | 3.5E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | cis-1,2-Dichloroethene | **0.25** | 3.0E-02 | 7.5E-03 | NC | 1.7E-03 | NC | 2.1E-01 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-03 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Ethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 1.2E-07 | 1.4E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Methylene Chloride | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-08 | 3.4E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Tetrachloroethene | **0.45** | 3.0E-02 | 1.4E-02 | 1.1E-03 | 3.1E-03 | **6.7E-06** | 7.7E-02 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Toluene | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 6.5E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Trichloroethene | **3.8** | 3.0E-02 | 1.1E-01 | 9.3E-03 | 2.6E-02 | **3.8E-05** | **1.3E+01** | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.1E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Vinyl Chloride | **0.014** | 3.0E-02 | 4.2E-04 | 3.4E-05 | 9.6E-05 | **2.7E-06** | 9.6E-04 | | |
| LV-4 | 5 | LV-4 | 6/28/2021 | Xylenes | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 2.7E-03 | **6E-05** | **1E+01** |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.7E-05 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,1-Dichloroethane | **1.8** | 3.0E-02 | 5.4E-02 | 4.4E-03 | 1.2E-02 | **7.0E-06** | 1.5E-02 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,1-Dichloroethene | **0.11** | 3.0E-02 | 3.3E-03 | NC | 7.5E-04 | NC | 1.1E-02 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.3E-03 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-07 | 3.4E-02 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 3.4E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Benzene | **0.042** | 3.0E-02 | 1.3E-03 | 1.0E-04 | 2.9E-04 | **3.0E-06** | 9.6E-02 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Bromodichloromethane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | **1.8E-06** | 1.7E-03 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Chloroform | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 2.8E-07 | 3.5E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | cis-1,2-Dichloroethene | **6.5** | 3.0E-02 | 2.0E-01 | NC | 4.5E-02 | NC | **5.6E+00** | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-03 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Ethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 1.2E-07 | 1.4E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Methylene Chloride | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-08 | 3.4E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Tetrachloroethene | 0.0080 | 3.0E-02 | 2.4E-04 | 2.0E-05 | 5.5E-05 | 1.2E-07 | 1.4E-03 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Toluene | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 6.5E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | trans-1,2-Dichloroethene | **0.12** | 3.0E-02 | 3.6E-03 | NC | 8.2E-04 | NC | 1.0E-02 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Trichloroethene | **10** | 3.0E-02 | 3.0E-01 | 2.4E-02 | 6.8E-02 | **1.0E-04** | **3.4E+01** | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.1E-04 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Vinyl Chloride | **1.0** | 3.0E-02 | 3.0E-02 | 2.4E-03 | 6.8E-03 | **1.9E-04** | 6.8E-02 | | |
| LV-4 | 14 | LV-4 | 6/28/2021 | Xylenes | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 2.7E-03 | **3E-04** | **4E+01** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.7E-05 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,1-Dichloroethane | **2.1** | 3.0E-02 | 6.3E-02 | 5.1E-03 | 1.4E-02 | **8.2E-06** | 1.8E-02 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,1-Dichloroethene | **0.078** | 3.0E-02 | 2.3E-03 | NC | 5.3E-04 | NC | 7.6E-03 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,2,4-Trimethylbenzene | **0.051** | 3.0E-02 | 1.5E-03 | NC | 3.5E-04 | NC | 5.8E-03 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-07 | 3.4E-02 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 3.4E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Benzene | **0.082** | 3.0E-02 | 2.5E-03 | 2.0E-04 | 5.6E-04 | **5.8E-06** | 1.9E-01 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Bromodichloromethane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | **1.8E-06** | 1.7E-03 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Chloroethane | **0.26** | 3.0E-02 | 7.8E-03 | NC | 1.8E-03 | NC | 1.8E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Chloroform | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 2.8E-07 | 3.5E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | cis-1,2-Dichloroethene | **0.54** | 3.0E-02 | 1.6E-02 | NC | 3.7E-03 | NC | 4.6E-01 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-03 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Ethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 1.2E-07 | 1.4E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Methylene Chloride | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-08 | 3.4E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Tetrachloroethene | **0.082** | 3.0E-02 | 2.5E-03 | 2.0E-04 | 5.6E-04 | 1.2E-06 | 1.4E-02 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Toluene | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 6.5E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Trichloroethene | **0.39** | 3.0E-02 | 1.2E-02 | 9.5E-04 | 2.7E-03 | **3.9E-06** | 1.3E+00 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.1E-04 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Vinyl Chloride | **2.2** | 3.0E-02 | 6.6E-02 | 5.4E-03 | 1.5E-02 | **4.2E-04** | 1.5E-01 | | |
| LV-8 | 5 | LV-8 | 6/28/2021 | Xylenes | **0.072** | 3.0E-02 | 2.2E-03 | NC | 4.9E-04 | NC | 4.9E-03 | **4E-04** | **2E+00** |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.7E-05 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,1-Dichloroethane | **6.5** | 3.0E-02 | 2.0E-01 | 1.6E-02 | 4.5E-02 | **2.5E-05** | 5.6E-02 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,1-Dichloroethene | **0.50** | 3.0E-02 | 1.5E-02 | NC | 3.4E-03 | NC | 4.9E-02 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.3E-03 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,2-Dichloroethane | **0.16** | 3.0E-02 | 4.8E-03 | 3.9E-04 | 1.1E-03 | **1.0E-05** | 1.6E-01 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-07 | 3.4E-02 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 3.4E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Benzene | **0.046** | 3.0E-02 | 1.4E-03 | 1.1E-04 | 3.2E-04 | **3.3E-06** | 1.1E-01 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Bromodichloromethane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | **1.8E-06** | 1.7E-03 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Chloroform | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 2.8E-07 | 3.5E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | cis-1,2-Dichloroethene | **6.4** | 3.0E-02 | 1.9E-01 | NC | 4.4E-02 | NC | **5.5E+00** | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-03 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Ethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 1.2E-07 | 1.4E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Methyl tert-butyl ether (MTBE) | **0.10** | 3.0E-02 | 3.0E-03 | 2.4E-04 | 6.8E-04 | 6.4E-08 | 2.3E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Methylene Chloride | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-08 | 3.4E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Tetrachloroethene | **0.044** | 3.0E-02 | 1.3E-03 | 1.1E-04 | 3.0E-04 | 6.6E-07 | 7.5E-03 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Toluene | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 6.5E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | trans-1,2-Dichloroethene | **0.091** | 3.0E-02 | 2.7E-03 | NC | 6.2E-04 | NC | 7.8E-03 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Trichloroethene | **1.0** | 3.0E-02 | 3.0E-02 | 2.4E-03 | 6.8E-03 | **1.0E-05** | **3.4E+00** | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.1E-04 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Vinyl Chloride | **2.5** | 3.0E-02 | 7.5E-02 | 6.1E-03 | 1.7E-02 | **4.8E-04** | 1.7E-01 | | |
| LV-8 | 15 | LV-8 | 6/28/2021 | Xylenes | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 2.7E-03 | **5E-04** | **1E+01** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,1,1-Trichloroethane | **0.066** | 3.0E-02 | 2.0E-03 | NC | 4.5E-04 | NC | 4.5E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.7E-05 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,1-Dichloroethane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 7.8E-08 | 1.7E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,1-Dichloroethene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.0E-03 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.3E-03 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-07 | 3.4E-02 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 3.4E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Benzene | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 3.5E-07 | 1.1E-02 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Bromodichloromethane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | **1.8E-06** | 1.7E-03 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Chloroform | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 2.8E-07 | 3.5E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | cis-1,2-Dichloroethene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.7E-02 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-03 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Ethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 1.2E-07 | 1.4E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Methylene Chloride | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-08 | 3.4E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Tetrachloroethene | **6.0** | 3.0E-02 | 1.8E-01 | 1.5E-02 | 4.1E-02 | **9.0E-05** | 1.0E+00 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Toluene | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 6.5E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Trichloroethene | **0.21** | 3.0E-02 | 6.3E-03 | 5.1E-04 | 1.4E-03 | **2.1E-06** | 7.2E-01 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.1E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Vinyl Chloride | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 9.5E-07 | 3.4E-04 | | |
| LV-10 | 6 | LV-10 | 6/28/2021 | Xylenes | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 2.7E-03 | **1E-04** | **2E+00** |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,1,1-Trichloroethane | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.7E-05 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,1-Dichloroethane | **0.17** | 3.0E-02 | 5.1E-03 | 4.2E-04 | 1.2E-03 | 6.7E-07 | 1.5E-03 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,1-Dichloroethene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.0E-03 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,2,4-Trimethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 2.3E-03 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 1,2-Dichloropropane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-07 | 3.4E-02 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | 4-Isopropyltoluene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 3.4E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Benzene | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 3.5E-07 | 1.1E-02 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Bromodichloromethane | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | **1.8E-06** | 1.7E-03 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Chloroform | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 2.8E-07 | 3.5E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | cis-1,2-Dichloroethene | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.7E-02 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Dichlorodifluoromethane (Freon 12) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.4E-03 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Ethylbenzene | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 1.2E-07 | 1.4E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Methylene Chloride | 0.020 | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 4.9E-08 | 3.4E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Tetrachloroethene | **2.3** | 3.0E-02 | 6.9E-02 | 5.6E-03 | 1.6E-02 | **3.4E-05** | 3.9E-01 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Toluene | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 6.5E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Trichloroethene | **0.33** | 3.0E-02 | 9.9E-03 | 8.1E-04 | 2.3E-03 | **3.3E-06** | 1.1E+00 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Trichlorofluoromethane (Freon 11) | 0.020 | 3.0E-02 | 6.0E-04 | NC | 1.4E-04 | NC | 1.1E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Vinyl Chloride | 0.0050 | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 9.5E-07 | 3.4E-04 | | |
| LV-10 | 15 | LV-10 | 6/28/2021 | Xylenes | 0.040 | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 2.7E-03 | **4E-05** | **2E+00** |
| SB-2 | 5 | SB-2 | 8/22/2020 | 2-Butanone (MEK) | **0.016** | 3.0E-02 | 4.8E-04 | NC | 1.1E-04 | NC | 2.2E-05 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Acetone | **0.062** | 3.0E-02 | 1.9E-03 | NC | 4.2E-04 | NC | 1.2E-04 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Benzene | **0.0047** | 3.0E-02 | 1.4E-04 | 1.1E-05 | 3.2E-05 | 3.3E-07 | 1.1E-02 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Methylene Chloride | **0.0053** | 3.0E-02 | 1.6E-04 | 1.3E-05 | 3.6E-05 | 1.3E-08 | 9.1E-05 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Tetrachloroethene | **0.068** | 3.0E-02 | 2.0E-03 | 1.7E-04 | 4.7E-04 | 1.0E-06 | 1.2E-02 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Toluene | **0.035** | 3.0E-02 | 1.1E-03 | NC | 2.4E-04 | NC | 5.7E-04 | | |
| SB-2 | 5 | SB-2 | 8/22/2020 | Trichloroethene | **0.050** | 3.0E-02 | 1.5E-03 | 1.2E-04 | 3.4E-04 | 5.0E-07 | 1.7E-01 | | |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-2 | 5 | SB-2 | 8/22/2020 | Xylenes | **0.010** | 3.0E-02 | 3.0E-04 | NC | 6.8E-05 | NC | 6.8E-04 | **2E-06** | 2E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-2 | 15 | SB-2 | 8/22/2020 | 2-Propanol | **0.19** | 3.0E-02 | 5.7E-03 | NC | 1.3E-03 | NC | 6.5E-03 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Acetone | **0.72** | 3.0E-02 | 2.2E-02 | NC | 4.9E-03 | NC | 1.4E-03 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Benzene | **0.022** | 3.0E-02 | 6.6E-04 | 5.4E-05 | 1.5E-04 | **1.6E-06** | 5.0E-02 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Methylene Chloride | **1.2** | 3.0E-02 | 3.6E-02 | 2.9E-03 | 8.2E-03 | **2.9E-06** | 2.1E-02 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Tetrachloroethene | **0.029** | 3.0E-02 | 8.7E-04 | 7.1E-05 | 2.0E-04 | 4.3E-07 | 5.0E-03 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Toluene | **0.19** | 3.0E-02 | 5.7E-03 | NC | 1.3E-03 | NC | 3.1E-03 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Trichloroethene | **0.049** | 3.0E-02 | 1.5E-03 | 1.2E-04 | 3.4E-04 | 4.9E-07 | 1.7E-01 | | |
| SB-2 | 15 | SB-2 | 8/22/2020 | Xylenes | **0.032** | 3.0E-02 | 9.6E-04 | NC | 2.2E-04 | NC | 2.2E-03 | **5E-06** | 3E-01 |
| SB-5 | 5 | SB-5 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.065** | 3.0E-02 | 2.0E-03 | NC | 4.5E-04 | NC | 8.9E-05 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Acetone | **0.14** | 3.0E-02 | 4.2E-03 | NC | 9.6E-04 | NC | 2.7E-04 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Ethylbenzene | **0.18** | 3.0E-02 | 5.4E-03 | 4.4E-04 | 1.2E-03 | 1.1E-06 | 1.2E-03 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Tetrachloroethene | **0.35** | 3.0E-02 | 1.1E-02 | 8.6E-04 | 2.4E-03 | **5.2E-06** | 6.0E-02 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Toluene | **1.6** | 3.0E-02 | 4.8E-02 | NC | 1.1E-02 | NC | 2.6E-02 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Trichloroethene | **0.15** | 3.0E-02 | 4.5E-03 | 3.7E-04 | 1.0E-03 | **1.5E-06** | 5.1E-01 | | |
| SB-5 | 5 | SB-5 | 8/21/2020 | Xylenes | **1.1** | 3.0E-02 | 3.3E-02 | NC | 7.5E-03 | NC | 7.5E-02 | **8E-06** | 7E-01 |
| SB-5 | 15 | SB-5 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.11** | 3.0E-02 | 3.3E-03 | NC | 7.5E-04 | NC | 1.5E-04 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | 1,1-Dichloroethane | **0.051** | 3.0E-02 | 1.5E-03 | 1.2E-04 | 3.5E-04 | 2.0E-07 | 4.4E-04 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Acetone | **0.056** | 3.0E-02 | 1.7E-03 | NC | 3.8E-04 | NC | 1.1E-04 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Ethylbenzene | **0.027** | 3.0E-02 | 8.1E-04 | 6.6E-05 | 1.8E-04 | 1.7E-07 | 1.8E-04 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Methylene Chloride | **0.0020** | 3.0E-02 | 6.0E-05 | 4.9E-06 | 1.4E-05 | 4.9E-09 | 3.4E-05 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Tetrachloroethene | **0.46** | 3.0E-02 | 1.4E-02 | 1.1E-03 | 3.2E-03 | **6.9E-06** | 7.9E-02 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Toluene | **0.23** | 3.0E-02 | 6.9E-03 | NC | 1.6E-03 | NC | 3.8E-03 | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Trichloroethene | **0.46** | 3.0E-02 | 1.4E-02 | 1.1E-03 | 3.2E-03 | **4.6E-06** | **1.6E+00** | | |
| SB-5 | 15 | SB-5 | 8/21/2020 | Xylenes | **0.17** | 3.0E-02 | 5.1E-03 | NC | 1.2E-03 | NC | 1.2E-02 | **1E-05** | **2E+00** |
| SB-8 | 5 | SB-8 | 8/22/2020 | 1,1-Dichloroethane | **0.13** | 3.0E-02 | 3.9E-03 | 3.2E-04 | 8.9E-04 | 5.1E-07 | 1.1E-03 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Acetone | **0.092** | 3.0E-02 | 2.8E-03 | NC | 6.3E-04 | NC | 1.8E-04 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Benzene | **0.016** | 3.0E-02 | 4.8E-04 | 3.9E-05 | 1.1E-04 | 1.1E-06 | 3.7E-02 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Carbon Disulfide | **0.036** | 3.0E-02 | 1.1E-03 | NC | 2.5E-04 | NC | 3.5E-04 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | cis-1,2-Dichloroethene | **0.028** | 3.0E-02 | 8.4E-04 | NC | 1.9E-04 | NC | 2.4E-02 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Ethylbenzene | **0.0090** | 3.0E-02 | 2.7E-04 | 2.2E-05 | 6.2E-05 | 5.5E-08 | 6.2E-05 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Methylene Chloride | **0.024** | 3.0E-02 | 7.2E-04 | 5.9E-05 | 1.6E-04 | 5.9E-08 | 4.1E-04 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Tetrachloroethene | **0.19** | 3.0E-02 | 5.7E-03 | 4.6E-04 | 1.3E-03 | **2.8E-06** | 3.3E-02 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Toluene | **0.060** | 3.0E-02 | 1.8E-03 | NC | 4.1E-04 | NC | 9.8E-04 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Trichloroethene | **0.28** | 3.0E-02 | 8.4E-03 | 6.8E-04 | 1.9E-03 | **2.8E-06** | 9.6E-01 | | |
| SB-8 | 5 | SB-8 | 8/22/2020 | Xylenes | **0.028** | 3.0E-02 | 8.4E-04 | NC | 1.9E-04 | NC | 1.9E-03 | **7E-06** | 1E+00 |
| SB-8 | 15 | SB-8 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.084** | 3.0E-02 | 2.5E-03 | NC | 5.8E-04 | NC | 1.2E-04 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Acetone | **0.18** | 3.0E-02 | 5.4E-03 | NC | 1.2E-03 | NC | 3.4E-04 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | cis-1,2-Dichloroethene | **0.91** | 3.0E-02 | 2.7E-02 | NC | 6.2E-03 | NC | 7.8E-01 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Methylene Chloride | **0.012** | 3.0E-02 | 3.6E-04 | 2.9E-05 | 8.2E-05 | 2.9E-08 | 2.1E-04 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Tetrachloroethene | **0.17** | 3.0E-02 | 5.1E-03 | 4.2E-04 | 1.2E-03 | **2.5E-06** | 2.9E-02 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Toluene | **0.024** | 3.0E-02 | 7.2E-04 | NC | 1.6E-04 | NC | 3.9E-04 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Trichloroethene | **1.3** | 3.0E-02 | 3.9E-02 | 3.2E-03 | 8.9E-03 | **1.3E-05** | **4.5E+00** | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Vinyl Chloride | **0.055** | 3.0E-02 | 1.7E-03 | 1.3E-04 | 3.8E-04 | **1.0E-05** | 3.8E-03 | | |
| SB-8 | 15 | SB-8 | 8/22/2020 | Xylenes | **0.036** | 3.0E-02 | 1.1E-03 | NC | 2.5E-04 | NC | 2.5E-03 | **3E-05** | **5E+00** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-9 | 5 | SB-9 | 8/21/2020 | 2-Propanol | **0.32** | 3.0E-02 | 9.6E-03 | NC | 2.2E-03 | NC | 1.1E-02 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Ethylbenzene | **0.0037** | 3.0E-02 | 1.1E-04 | 9.1E-06 | 2.5E-05 | 2.3E-08 | 2.5E-05 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Tetrachloroethene | **0.13** | 3.0E-02 | 3.9E-03 | 3.2E-04 | 8.9E-04 | **1.9E-06** | 2.2E-02 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Toluene | **0.037** | 3.0E-02 | 1.1E-03 | NC | 2.5E-04 | NC | 6.0E-04 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Trichloroethene | **0.20** | 3.0E-02 | 6.0E-03 | 4.9E-04 | 1.4E-03 | **2.0E-06** | 6.8E-01 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Vinyl Chloride | **0.0011** | 3.0E-02 | 3.3E-05 | 2.7E-06 | 7.5E-06 | 2.1E-07 | 7.5E-05 | | |
| SB-9 | 5 | SB-9 | 8/21/2020 | Xylenes | **0.019** | 3.0E-02 | 5.7E-04 | NC | 1.3E-04 | NC | 1.3E-03 | **4E-06** | 7E-01 |
| SB-9 | 15 | SB-9 | 8/21/2020 | 1,1-Dichloroethane | **0.077** | 3.0E-02 | 2.3E-03 | 1.9E-04 | 5.3E-04 | 3.0E-07 | 6.6E-04 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Acetone | **0.042** | 3.0E-02 | 1.3E-03 | NC | 2.9E-04 | NC | 8.0E-05 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Benzene | **0.0017** | 3.0E-02 | 5.1E-05 | 4.2E-06 | 1.2E-05 | 1.2E-07 | 3.9E-03 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | cis-1,2-Dichloroethene | **0.11** | 3.0E-02 | 3.3E-03 | NC | 7.5E-04 | NC | 9.4E-02 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Ethylbenzene | **0.00090** | 3.0E-02 | 2.7E-05 | 2.2E-06 | 6.2E-06 | 5.5E-09 | 6.2E-06 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Methylene Chloride | **0.0012** | 3.0E-02 | 3.6E-05 | 2.9E-06 | 8.2E-06 | 2.9E-09 | 2.1E-05 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Tetrachloroethene | **0.087** | 3.0E-02 | 2.6E-03 | 2.1E-04 | 6.0E-04 | 1.3E-06 | 1.5E-02 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Toluene | **0.0056** | 3.0E-02 | 1.7E-04 | NC | 3.8E-05 | NC | 9.1E-05 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Trichloroethene | **0.39** | 3.0E-02 | 1.2E-02 | 9.5E-04 | 2.7E-03 | **3.9E-06** | 1.3E+00 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Vinyl Chloride | **0.00048** | 3.0E-02 | 1.4E-05 | 1.2E-06 | 3.3E-06 | 9.2E-08 | 3.3E-05 | | |
| SB-9 | 15 | SB-9 | 8/21/2020 | Xylenes | **0.0084** | 3.0E-02 | 2.5E-04 | NC | 5.8E-05 | NC | 5.8E-04 | **6E-06** | 1E+00 |
| SB-10 | 5 | SB-10 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.0049** | 3.0E-02 | 1.5E-04 | NC | 3.4E-05 | NC | 6.7E-06 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | 1,1-Dichloroethane | **0.25** | 3.0E-02 | 7.5E-03 | 6.1E-04 | 1.7E-03 | 9.8E-07 | 2.1E-03 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | 2-Butanone (MEK) | **0.032** | 3.0E-02 | 9.6E-04 | NC | 2.2E-04 | NC | 4.4E-05 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Acetone | **0.099** | 3.0E-02 | 3.0E-03 | NC | 6.8E-04 | NC | 1.9E-04 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Benzene | **0.10** | 3.0E-02 | 3.0E-03 | 2.4E-04 | 6.8E-04 | **7.1E-06** | 2.3E-01 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Chloroform | **0.12** | 3.0E-02 | 3.6E-03 | 2.9E-04 | 8.2E-04 | **6.8E-06** | 8.4E-03 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | cis-1,2-Dichloroethene | **0.093** | 3.0E-02 | 2.8E-03 | NC | 6.4E-04 | NC | 8.0E-02 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Ethylbenzene | **0.0085** | 3.0E-02 | 2.6E-04 | 2.1E-05 | 5.8E-05 | 5.2E-08 | 5.8E-05 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Tetrachloroethene | **0.20** | 3.0E-02 | 6.0E-03 | 4.9E-04 | 1.4E-03 | **3.0E-06** | 3.4E-02 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Toluene | **0.033** | 3.0E-02 | 9.9E-04 | NC | 2.3E-04 | NC | 5.4E-04 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Trichloroethene | **1.3** | 3.0E-02 | 3.9E-02 | 3.2E-03 | 8.9E-03 | **1.3E-05** | **4.5E+00** | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Vinyl Chloride | **0.0018** | 3.0E-02 | 5.4E-05 | 4.4E-06 | 1.2E-05 | 3.4E-07 | 1.2E-04 | | |
| SB-10 | 5 | SB-10 | 8/22/2020 | Xylenes | **0.050** | 3.0E-02 | 1.5E-03 | NC | 3.4E-04 | NC | 3.4E-03 | **3E-05** | **5E+00** |
| SB-10 | 15 | SB-10 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.025** | 3.0E-02 | 7.5E-04 | NC | 1.7E-04 | NC | 3.4E-05 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | 1,1-Dichloroethane | **1.4** | 3.0E-02 | 4.2E-02 | 3.4E-03 | 9.6E-03 | **5.5E-06** | 1.2E-02 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | 1,4-Dioxane | **0.058** | 3.0E-02 | 1.7E-03 | 1.4E-04 | 4.0E-04 | 7.1E-07 | 1.3E-02 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | 2-Propanol | **0.35** | 3.0E-02 | 1.1E-02 | NC | 2.4E-03 | NC | 1.2E-02 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Acetone | **1.7** | 3.0E-02 | 5.1E-02 | NC | 1.2E-02 | NC | 3.2E-03 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Benzene | **0.029** | 3.0E-02 | 8.7E-04 | 7.1E-05 | 2.0E-04 | **2.1E-06** | 6.6E-02 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | cis-1,2-Dichloroethene | **5.1** | 3.0E-02 | 1.5E-01 | NC | 3.5E-02 | NC | **4.4E+00** | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Ethylbenzene | **0.014** | 3.0E-02 | 4.2E-04 | 3.4E-05 | 9.6E-05 | 8.6E-08 | 9.6E-05 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Methylene Chloride | **1.7** | 3.0E-02 | 5.1E-02 | 4.2E-03 | 1.2E-02 | **4.2E-06** | 2.9E-02 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Tetrachloroethene | **0.25** | 3.0E-02 | 7.5E-03 | 6.1E-04 | 1.7E-03 | **3.7E-06** | 4.3E-02 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Toluene | **0.059** | 3.0E-02 | 1.8E-03 | NC | 4.0E-04 | NC | 9.6E-04 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Trichloroethene | **2.8** | 3.0E-02 | 8.4E-02 | 6.8E-03 | 1.9E-02 | **2.8E-05** | **9.6E+00** | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Vinyl Chloride | **0.22** | 3.0E-02 | 6.6E-03 | 5.4E-04 | 1.5E-03 | **4.2E-05** | 1.5E-02 | | |
| SB-10 | 15 | SB-10 | 8/22/2020 | Xylenes | **0.096** | 3.0E-02 | 2.9E-03 | NC | 6.6E-04 | NC | 6.6E-03 | **9E-05** | **1E+01** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-13 | 5 | SB-13 | 8/22/2020 | 1,1-Dichloroethane | **0.21** | 3.0E-02 | 6.3E-03 | 5.1E-04 | 1.4E-03 | 8.2E-07 | 1.8E-03 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Acetone | **0.64** | 3.0E-02 | 1.9E-02 | NC | 4.4E-03 | NC | 1.2E-03 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | cis-1,2-Dichloroethene | **0.77** | 3.0E-02 | 2.3E-02 | NC | 5.3E-03 | NC | 6.6E-01 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Methylene Chloride | **0.62** | 3.0E-02 | 1.9E-02 | 1.5E-03 | 4.2E-03 | **1.5E-06** | 1.1E-02 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Tetrachloroethene | **0.28** | 3.0E-02 | 8.4E-03 | 6.8E-04 | 1.9E-03 | **4.2E-06** | 4.8E-02 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Toluene | **0.050** | 3.0E-02 | 1.5E-03 | NC | 3.4E-04 | NC | 8.2E-04 | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Trichloroethene | **1.3** | 3.0E-02 | 3.9E-02 | 3.2E-03 | 8.9E-03 | **1.3E-05** | **4.5E+00** | | |
| SB-13 | 5 | SB-13 | 8/22/2020 | Xylenes | **0.023** | 3.0E-02 | 6.9E-04 | NC | 1.6E-04 | NC | 1.6E-03 | **2E-05** | **5E+00** |
| SB-13 | 15 | SB-13 | 8/22/2020 | 1,1-Dichloroethane | **0.36** | 3.0E-02 | 1.1E-02 | 8.8E-04 | 2.5E-03 | 1.4E-06 | 3.1E-03 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Acetone | **0.76** | 3.0E-02 | 2.3E-02 | NC | 5.2E-03 | NC | 1.4E-03 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | cis-1,2-Dichloroethene | **3.1** | 3.0E-02 | 9.3E-02 | NC | 2.1E-02 | NC | **2.7E+00** | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Methylene Chloride | **0.47** | 3.0E-02 | 1.4E-02 | 1.1E-03 | 3.2E-03 | 1.1E-06 | 8.0E-03 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Tetrachloroethene | **0.27** | 3.0E-02 | 8.1E-03 | 6.6E-04 | 1.8E-03 | **4.0E-06** | 4.6E-02 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Toluene | **0.029** | 3.0E-02 | 8.7E-04 | NC | 2.0E-04 | NC | 4.7E-04 | | |
| SB-13 | 15 | SB-13 | 8/22/2020 | Trichloroethene | **1.7** | 3.0E-02 | 5.1E-02 | 4.2E-03 | 1.2E-02 | **1.7E-05** | **5.8E+00** | **2E-05** | **9E+00** |
| SB-14 | 5 | SB-14 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.064** | 3.0E-02 | 1.9E-03 | NC | 4.4E-04 | NC | 8.8E-05 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | 1,1-Dichloroethane | **0.49** | 3.0E-02 | 1.5E-02 | 1.2E-03 | 3.4E-03 | **1.9E-06** | 4.2E-03 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Acetone | **0.065** | 3.0E-02 | 2.0E-03 | NC | 4.5E-04 | NC | 1.2E-04 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Benzene | **0.095** | 3.0E-02 | 2.9E-03 | 2.3E-04 | 6.5E-04 | **6.7E-06** | 2.2E-01 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Carbon Disulfide | **0.037** | 3.0E-02 | 1.1E-03 | NC | 2.5E-04 | NC | 3.6E-04 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | cis-1,2-Dichloroethene | **0.054** | 3.0E-02 | 1.6E-03 | NC | 3.7E-04 | NC | 4.6E-02 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Ethylbenzene | **0.10** | 3.0E-02 | 3.0E-03 | 2.4E-04 | 6.8E-04 | 6.1E-07 | 6.8E-04 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Methylene Chloride | **0.0050** | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 1.2E-08 | 8.6E-05 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Tetrachloroethene | **0.36** | 3.0E-02 | 1.1E-02 | 8.8E-04 | 2.5E-03 | **5.4E-06** | 6.2E-02 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Toluene | **0.039** | 3.0E-02 | 1.2E-03 | NC | 2.7E-04 | NC | 6.4E-04 | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Trichloroethene | **0.82** | 3.0E-02 | 2.5E-02 | 2.0E-03 | 5.6E-03 | **8.2E-06** | **2.8E+00** | | |
| SB-14 | 5 | SB-14 | 8/22/2020 | Xylenes | **0.12** | 3.0E-02 | 3.6E-03 | NC | 8.2E-04 | NC | 8.2E-03 | **2E-05** | **3E+00** |
| SB-14 | 15 | SB-14 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.019** | 3.0E-02 | 5.7E-04 | NC | 1.3E-04 | NC | 2.6E-05 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | 1,1-Dichloroethane | **1.4** | 3.0E-02 | 4.2E-02 | 3.4E-03 | 9.6E-03 | **5.5E-06** | 1.2E-02 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | 2-Butanone (MEK) | **0.033** | 3.0E-02 | 9.9E-04 | NC | 2.3E-04 | NC | 4.5E-05 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Acetone | **0.12** | 3.0E-02 | 3.6E-03 | NC | 8.2E-04 | NC | 2.3E-04 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Benzene | **0.0067** | 3.0E-02 | 2.0E-04 | 1.6E-05 | 4.6E-05 | 4.8E-07 | 1.5E-02 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | cis-1,2-Dichloroethene | **1.1** | 3.0E-02 | 3.3E-02 | NC | 7.5E-03 | NC | 9.4E-01 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Ethylbenzene | **0.16** | 3.0E-02 | 4.8E-03 | 3.9E-04 | 1.1E-03 | 9.8E-07 | 1.1E-03 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Methylene Chloride | **0.0059** | 3.0E-02 | 1.8E-04 | 1.4E-05 | 4.0E-05 | 1.4E-08 | 1.0E-04 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Tetrachloroethene | **0.12** | 3.0E-02 | 3.6E-03 | 2.9E-04 | 8.2E-04 | **1.8E-06** | 2.1E-02 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Toluene | **0.011** | 3.0E-02 | 3.3E-04 | NC | 7.5E-05 | NC | 1.8E-04 | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Trichloroethene | **3.3** | 3.0E-02 | 9.9E-02 | 8.1E-03 | 2.3E-02 | **3.3E-05** | **1.1E+01** | | |
| SB-14 | 15 | SB-14 | 8/22/2020 | Xylenes | **0.49** | 3.0E-02 | 1.5E-02 | NC | 3.4E-03 | NC | 3.4E-02 | **4E-05** | **1E+01** |
| SB-15 | 5 | SB-15 | 8/22/2020 | 1,1-Dichloroethane | **0.15** | 3.0E-02 | 4.5E-03 | 3.7E-04 | 1.0E-03 | 5.9E-07 | 1.3E-03 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Acetone | **0.75** | 3.0E-02 | 2.3E-02 | NC | 5.1E-03 | NC | 1.4E-03 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Methylene Chloride | **1.1** | 3.0E-02 | 3.3E-02 | 2.7E-03 | 7.5E-03 | **2.7E-06** | 1.9E-02 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Tetrachloroethene | **0.23** | 3.0E-02 | 6.9E-03 | 5.6E-04 | 1.6E-03 | **3.4E-06** | 3.9E-02 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Toluene | **0.079** | 3.0E-02 | 2.4E-03 | NC | 5.4E-04 | NC | 1.3E-03 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Trichloroethene | **0.087** | 3.0E-02 | 2.6E-03 | 2.1E-04 | 6.0E-04 | 8.7E-07 | 3.0E-01 | | |
| SB-15 | 5 | SB-15 | 8/22/2020 | Xylenes | **0.044** | 3.0E-02 | 1.3E-03 | NC | 3.0E-04 | NC | 3.0E-03 | **8E-06** | 4E-01 |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-15 | 15 | SB-15 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.013** | 3.0E-02 | 3.9E-04 | NC | 8.9E-05 | NC | 1.8E-05 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | 1,1-Dichloroethane | **0.0076** | 3.0E-02 | 2.3E-04 | 1.9E-05 | 5.2E-05 | 3.0E-08 | 6.5E-05 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Acetone | **0.071** | 3.0E-02 | 2.1E-03 | NC | 4.9E-04 | NC | 1.4E-04 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Ethylbenzene | **0.0056** | 3.0E-02 | 1.7E-04 | 1.4E-05 | 3.8E-05 | 3.4E-08 | 3.8E-05 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Methylene Chloride | **0.0058** | 3.0E-02 | 1.7E-04 | 1.4E-05 | 4.0E-05 | 1.4E-08 | 9.9E-05 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Tetrachloroethene | **0.26** | 3.0E-02 | 7.8E-03 | 6.4E-04 | 1.8E-03 | **3.9E-06** | 4.5E-02 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Toluene | **0.16** | 3.0E-02 | 4.8E-03 | NC | 1.1E-03 | NC | 2.6E-03 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Trichloroethene | **0.14** | 3.0E-02 | 4.2E-03 | 3.4E-04 | 9.6E-04 | 1.4E-06 | 4.8E-01 | | |
| SB-15 | 15 | SB-15 | 8/22/2020 | Xylenes | **0.042** | 3.0E-02 | 1.3E-03 | NC | 2.9E-04 | NC | 2.9E-03 | **5E-06** | 5E-01 |
| SB-16 | 5 | SB-16 | 8/22/2020 | 1,1-Dichloroethane | **1.7** | 3.0E-02 | 5.1E-02 | 4.2E-03 | 1.2E-02 | **6.7E-06** | 1.5E-02 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Acetone | **0.26** | 3.0E-02 | 7.8E-03 | NC | 1.8E-03 | NC | 4.9E-04 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Benzene | **0.17** | 3.0E-02 | 5.1E-03 | 4.2E-04 | 1.2E-03 | **1.2E-05** | 3.9E-01 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | cis-1,2-Dichloroethene | **0.90** | 3.0E-02 | 2.7E-02 | NC | 6.2E-03 | NC | 7.7E-01 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Ethylbenzene | **0.11** | 3.0E-02 | 3.3E-03 | 2.7E-04 | 7.5E-04 | 6.7E-07 | 7.5E-04 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Methylene Chloride | **0.017** | 3.0E-02 | 5.1E-04 | 4.2E-05 | 1.2E-04 | 4.2E-08 | 2.9E-04 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Tetrachloroethene | **0.11** | 3.0E-02 | 3.3E-03 | 2.7E-04 | 7.5E-04 | **1.6E-06** | 1.9E-02 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Toluene | **0.10** | 3.0E-02 | 3.0E-03 | NC | 6.8E-04 | NC | 1.6E-03 | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Trichloroethene | **0.66** | 3.0E-02 | 2.0E-02 | 1.6E-03 | 4.5E-03 | **6.6E-06** | **2.3E+00** | | |
| SB-16 | 5 | SB-16 | 8/22/2020 | Xylenes | **0.73** | 3.0E-02 | 2.2E-02 | NC | 5.0E-03 | NC | 5.0E-02 | **3E-05** | **4E+00** |
| SB-16 | 15 | SB-16 | 8/22/2020 | 1,1-Dichloroethane | **3.6** | 3.0E-02 | 1.1E-01 | 8.8E-03 | 2.5E-02 | **1.4E-05** | 3.1E-02 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Acetone | **0.70** | 3.0E-02 | 2.1E-02 | NC | 4.8E-03 | NC | 1.3E-03 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Benzene | **0.054** | 3.0E-02 | 1.6E-03 | 1.3E-04 | 3.7E-04 | **3.8E-06** | 1.2E-01 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | cis-1,2-Dichloroethene | **5.0** | 3.0E-02 | 1.5E-01 | NC | 3.4E-02 | NC | **4.3E+00** | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Methylene Chloride | **2.0** | 3.0E-02 | 6.0E-02 | 4.9E-03 | 1.4E-02 | **4.9E-06** | 3.4E-02 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Tetrachloroethene | **0.10** | 3.0E-02 | 3.0E-03 | 2.4E-04 | 6.8E-04 | 1.5E-06 | 1.7E-02 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Toluene | **0.031** | 3.0E-02 | 9.3E-04 | NC | 2.1E-04 | NC | 5.1E-04 | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Trichloroethene | **1.2** | 3.0E-02 | 3.6E-02 | 2.9E-03 | 8.2E-03 | **1.2E-05** | **4.1E+00** | | |
| SB-16 | 15 | SB-16 | 8/22/2020 | Xylenes | **0.023** | 3.0E-02 | 6.9E-04 | NC | 1.6E-04 | NC | 1.6E-03 | **4E-05** | **9E+00** |
| SB-17 | 5 | SB-17 | 8/22/2020 | 1,1-Dichloroethane | **5.1** | 3.0E-02 | 1.5E-01 | 1.2E-02 | 3.5E-02 | **2.0E-05** | 4.4E-02 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | 2-Butanone (MEK) | **0.51** | 3.0E-02 | 1.5E-02 | NC | 3.5E-03 | NC | 7.0E-04 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | 2-Propanol | **0.31** | 3.0E-02 | 9.3E-03 | NC | 2.1E-03 | NC | 1.1E-02 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Acetone | **3.6** | 3.0E-02 | 1.1E-01 | NC | 2.5E-02 | NC | 6.8E-03 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Benzene | **0.19** | 3.0E-02 | 5.7E-03 | 4.6E-04 | 1.3E-03 | **1.3E-05** | 4.3E-01 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Carbon Disulfide | **0.70** | 3.0E-02 | 2.1E-02 | NC | 4.8E-03 | NC | 6.8E-03 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | cis-1,2-Dichloroethene | **0.72** | 3.0E-02 | 2.2E-02 | NC | 4.9E-03 | NC | 6.2E-01 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Ethylbenzene | **4.9** | 3.0E-02 | 1.5E-01 | 1.2E-02 | 3.4E-02 | **3.0E-05** | 3.4E-02 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Methylene Chloride | **2.7** | 3.0E-02 | 8.1E-02 | 6.6E-03 | 1.8E-02 | **6.6E-06** | 4.6E-02 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Tetrachloroethene | **0.74** | 3.0E-02 | 2.2E-02 | 1.8E-03 | 5.1E-03 | **1.1E-05** | 1.3E-01 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Toluene | **6.2** | 3.0E-02 | 1.9E-01 | NC | 4.2E-02 | NC | 1.0E-01 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Trichloroethene | **2.4** | 3.0E-02 | 7.2E-02 | 5.9E-03 | 1.6E-02 | **2.4E-05** | **8.2E+00** | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Vinyl Chloride | **0.51** | 3.0E-02 | 1.5E-02 | 1.2E-03 | 3.5E-03 | **9.7E-05** | 3.5E-02 | | |
| SB-17 | 5 | SB-17 | 8/22/2020 | Xylenes | **6.1** | 3.0E-02 | 1.8E-01 | NC | 4.2E-02 | NC | 4.2E-01 | **2E-04** | **1E+01** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-17 | 15 | SB-17 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.063** | 3.0E-02 | 1.9E-03 | NC | 4.3E-04 | NC | 8.6E-05 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | 1,1-Dichloroethane | **2.0** | 3.0E-02 | 6.0E-02 | 4.9E-03 | 1.4E-02 | **7.8E-06** | 1.7E-02 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | 1,4-Dioxane | **0.045** | 3.0E-02 | 1.4E-03 | 1.1E-04 | 3.1E-04 | 5.5E-07 | 1.0E-02 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | 2-Butanone (MEK) | **0.049** | 3.0E-02 | 1.5E-03 | NC | 3.4E-04 | NC | 6.7E-05 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Acetone | **0.30** | 3.0E-02 | 9.0E-03 | NC | 2.1E-03 | NC | 5.7E-04 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Benzene | **0.024** | 3.0E-02 | 7.2E-04 | 5.9E-05 | 1.6E-04 | **1.7E-06** | 5.5E-02 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | cis-1,2-Dichloroethene | **0.22** | 3.0E-02 | 6.6E-03 | NC | 1.5E-03 | NC | 1.9E-01 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Ethylbenzene | **0.41** | 3.0E-02 | 1.2E-02 | 1.0E-03 | 2.8E-03 | **2.5E-06** | 2.8E-03 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Methylene Chloride | **0.046** | 3.0E-02 | 1.4E-03 | 1.1E-04 | 3.2E-04 | 1.1E-07 | 7.9E-04 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Tetrachloroethene | **0.12** | 3.0E-02 | 3.6E-03 | 2.9E-04 | 8.2E-04 | **1.8E-06** | 2.1E-02 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Toluene | **0.51** | 3.0E-02 | 1.5E-02 | NC | 3.5E-03 | NC | 8.3E-03 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Trichloroethene | **0.19** | 3.0E-02 | 5.7E-03 | 4.6E-04 | 1.3E-03 | **1.9E-06** | 6.5E-01 | | |
| SB-17 | 15 | SB-17 | 8/22/2020 | Xylenes | **1.2** | 3.0E-02 | 3.6E-02 | NC | 8.2E-03 | NC | 8.2E-02 | **2E-05** | 1E+00 |
| SB-18 | 5 | SB-18 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **3.3** | 3.0E-02 | 9.9E-02 | NC | 2.3E-02 | NC | 4.5E-03 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | 1,1-Dichloroethane | **1.3** | 3.0E-02 | 3.9E-02 | 3.2E-03 | 8.9E-03 | **5.1E-06** | 1.1E-02 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | 2-Propanol | **0.28** | 3.0E-02 | 8.4E-03 | NC | 1.9E-03 | NC | 9.6E-03 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Acetone | **1.2** | 3.0E-02 | 3.6E-02 | NC | 8.2E-03 | NC | 2.3E-03 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Carbon Disulfide | **0.13** | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 1.3E-03 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | cis-1,2-Dichloroethene | **3.4** | 3.0E-02 | 1.0E-01 | NC | 2.3E-02 | NC | **2.9E+00** | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Ethylbenzene | **0.038** | 3.0E-02 | 1.1E-03 | 9.3E-05 | 2.6E-04 | 2.3E-07 | 2.6E-04 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Methylene Chloride | **1.4** | 3.0E-02 | 4.2E-02 | 3.4E-03 | 9.6E-03 | **3.4E-06** | 2.4E-02 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Tetrachloroethene | **0.98** | 3.0E-02 | 2.9E-02 | 2.4E-03 | 6.7E-03 | **1.5E-05** | 1.7E-01 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Toluene | **0.12** | 3.0E-02 | 3.6E-03 | NC | 8.2E-04 | NC | 2.0E-03 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Trichloroethene | **2.2** | 3.0E-02 | 6.6E-02 | 5.4E-03 | 1.5E-02 | **2.2E-05** | **7.5E+00** | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Vinyl Chloride | **0.58** | 3.0E-02 | 1.7E-02 | 1.4E-03 | 4.0E-03 | **1.1E-04** | 4.0E-02 | | |
| SB-18 | 5 | SB-18 | 8/22/2020 | Xylenes | **0.22** | 3.0E-02 | 6.6E-03 | NC | 1.5E-03 | NC | 1.5E-02 | **2E-04** | **1E+01** |
| SB-18 | 15 | SB-18 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **3.6** | 3.0E-02 | 1.1E-01 | NC | 2.5E-02 | NC | 4.9E-03 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | 1,1-Dichloroethane | **4.3** | 3.0E-02 | 1.3E-01 | 1.1E-02 | 2.9E-02 | **1.7E-05** | 3.7E-02 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Acetone | **0.83** | 3.0E-02 | 2.5E-02 | NC | 5.7E-03 | NC | 1.6E-03 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Benzene | **0.057** | 3.0E-02 | 1.7E-03 | 1.4E-04 | 3.9E-04 | **4.0E-06** | 1.3E-01 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | cis-1,2-Dichloroethene | **14** | 3.0E-02 | 4.2E-01 | NC | 9.6E-02 | NC | **1.2E+01** | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Ethylbenzene | **0.12** | 3.0E-02 | 3.6E-03 | 2.9E-04 | 8.2E-04 | 7.3E-07 | 8.2E-04 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Methylene Chloride | **1.0** | 3.0E-02 | 3.0E-02 | 2.4E-03 | 6.8E-03 | **2.4E-06** | 1.7E-02 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Tetrachloroethene | **2.2** | 3.0E-02 | 6.6E-02 | 5.4E-03 | 1.5E-02 | **3.3E-05** | 3.8E-01 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Toluene | **0.13** | 3.0E-02 | 3.9E-03 | NC | 8.9E-04 | NC | 2.1E-03 | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Trichloroethene | **2.5** | 3.0E-02 | 7.5E-02 | 6.1E-03 | 1.7E-02 | **2.5E-05** | **8.6E+00** | | |
| SB-18 | 15 | SB-18 | 8/22/2020 | Xylenes | **0.68** | 3.0E-02 | 2.0E-02 | NC | 4.7E-03 | NC | 4.7E-02 | **8E-05** | **2E+01** |
| SB-20 | 5 | SB-20 | 8/21/2020 | 1,1-Dichloroethane | **1.3** | 3.0E-02 | 3.9E-02 | 3.2E-03 | 8.9E-03 | **5.1E-06** | 1.1E-02 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Acetone | **1.2** | 3.0E-02 | 3.6E-02 | NC | 8.2E-03 | NC | 2.3E-03 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Benzene | **0.12** | 3.0E-02 | 3.6E-03 | 2.9E-04 | 8.2E-04 | **8.5E-06** | 2.7E-01 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | cis-1,2-Dichloroethene | **0.94** | 3.0E-02 | 2.8E-02 | NC | 6.4E-03 | NC | 8.0E-01 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Ethylbenzene | **0.11** | 3.0E-02 | 3.3E-03 | 2.7E-04 | 7.5E-04 | 6.7E-07 | 7.5E-04 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Methylene Chloride | **1.4** | 3.0E-02 | 4.2E-02 | 3.4E-03 | 9.6E-03 | **3.4E-06** | 2.4E-02 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Toluene | **0.27** | 3.0E-02 | 8.1E-03 | NC | 1.8E-03 | NC | 4.4E-03 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Trichloroethene | **0.33** | 3.0E-02 | 9.9E-03 | 8.1E-04 | 2.3E-03 | **3.3E-06** | 1.1E+00 | | |
| SB-20 | 5 | SB-20 | 8/21/2020 | Xylenes | **0.26** | 3.0E-02 | 7.8E-03 | NC | 1.8E-03 | NC | 1.8E-02 | **2E-05** | **2E+00** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-20 | 15 | SB-20 | 8/21/2020 | 1,1-Dichloroethane | **2.5** | 3.0E-02 | 7.5E-02 | 6.1E-03 | 1.7E-02 | **9.8E-06** | 2.1E-02 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | 1,4-Dioxane | **0.48** | 3.0E-02 | 1.4E-02 | 1.2E-03 | 3.3E-03 | **5.9E-06** | 1.1E-01 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Acetone | **0.99** | 3.0E-02 | 3.0E-02 | NC | 6.8E-03 | NC | 1.9E-03 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | cis-1,2-Dichloroethene | **0.89** | 3.0E-02 | 2.7E-02 | NC | 6.1E-03 | NC | 7.6E-01 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Ethylbenzene | **0.11** | 3.0E-02 | 3.3E-03 | 2.7E-04 | 7.5E-04 | 6.7E-07 | 7.5E-04 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Methylene Chloride | **1.1** | 3.0E-02 | 3.3E-02 | 2.7E-03 | 7.5E-03 | **2.7E-06** | 1.9E-02 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Toluene | **0.72** | 3.0E-02 | 2.2E-02 | NC | 4.9E-03 | NC | 1.2E-02 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Trichloroethene | **0.10** | 3.0E-02 | 3.0E-03 | 2.4E-04 | 6.8E-04 | 1.0E-06 | 3.4E-01 | | |
| SB-20 | 15 | SB-20 | 8/21/2020 | Xylenes | **0.21** | 3.0E-02 | 6.3E-03 | NC | 1.4E-03 | NC | 1.4E-02 | **2E-05** | 1E+00 |
| SB-21 | 5 | SB-21 | 8/22/2020 | 1,1-Dichloroethane | **10** | 3.0E-02 | 3.0E-01 | 2.4E-02 | 6.8E-02 | **3.9E-05** | 8.6E-02 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Acetone | **4.8** | 3.0E-02 | 1.4E-01 | NC | 3.3E-02 | NC | 9.1E-03 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Benzene | **3.7** | 3.0E-02 | 1.1E-01 | 9.1E-03 | 2.5E-02 | **2.6E-04** | **8.4E+00** | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | cis-1,2-Dichloroethene | **18** | 3.0E-02 | 5.4E-01 | NC | 1.2E-01 | NC | **1.5E+01** | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Ethylbenzene | **30** | 3.0E-02 | 9.0E-01 | 7.3E-02 | 2.1E-01 | **1.8E-04** | 2.1E-01 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Methylene Chloride | **3.5** | 3.0E-02 | 1.1E-01 | 8.6E-03 | 2.4E-02 | **8.6E-06** | 6.0E-02 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Tetrachloroethene | **4.0** | 3.0E-02 | 1.2E-01 | 9.8E-03 | 2.7E-02 | **6.0E-05** | 6.8E-01 | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Toluene | **320** | 3.0E-02 | 9.6E+00 | NC | 2.2E+00 | NC | **5.2E+00** | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Trichloroethene | **6.0** | 3.0E-02 | 1.8E-01 | 1.5E-02 | 4.1E-02 | **6.0E-05** | **2.1E+01** | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Vinyl Chloride | **32** | 3.0E-02 | 9.6E-01 | 7.8E-02 | 2.2E-01 | **6.1E-03** | **2.2E+00** | | |
| SB-21 | 5 | SB-21 | 8/22/2020 | Xylenes | **130** | 3.0E-02 | 3.9E+00 | NC | 8.9E-01 | NC | **8.9E+00** | **7E-03** | **6E+01** |
| SB-21 | 15 | SB-21 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.11** | 3.0E-02 | 3.3E-03 | NC | 7.5E-04 | NC | 1.5E-04 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | 1,1-Dichloroethane | **2.5** | 3.0E-02 | 7.5E-02 | 6.1E-03 | 1.7E-02 | **9.8E-06** | 2.1E-02 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | 1,4-Dioxane | **1.5** | 3.0E-02 | 4.5E-02 | 3.7E-03 | 1.0E-02 | **1.8E-05** | 3.4E-01 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Acetone | **15** | 3.0E-02 | 4.5E-01 | NC | 1.0E-01 | NC | 2.9E-02 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Benzene | **0.21** | 3.0E-02 | 6.3E-03 | 5.1E-04 | 1.4E-03 | **1.5E-05** | 4.8E-01 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | cis-1,2-Dichloroethene | **0.30** | 3.0E-02 | 9.0E-03 | NC | 2.1E-03 | NC | 2.6E-01 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Ethylbenzene | **1.2** | 3.0E-02 | 3.6E-02 | 2.9E-03 | 8.2E-03 | **7.3E-06** | 8.2E-03 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Methylene Chloride | **9.3** | 3.0E-02 | 2.8E-01 | 2.3E-02 | 6.4E-02 | **2.3E-05** | 1.6E-01 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Tetrachloroethene | **0.82** | 3.0E-02 | 2.5E-02 | 2.0E-03 | 5.6E-03 | **1.2E-05** | 1.4E-01 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Toluene | **9.4** | 3.0E-02 | 2.8E-01 | NC | 6.4E-02 | NC | 1.5E-01 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Trichloroethene | **0.29** | 3.0E-02 | 8.7E-03 | 7.1E-04 | 2.0E-03 | **2.9E-06** | 9.9E-01 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Vinyl Chloride | **0.86** | 3.0E-02 | 2.6E-02 | 2.1E-03 | 5.9E-03 | **1.6E-04** | 5.9E-02 | | |
| SB-21 | 15 | SB-21 | 8/22/2020 | Xylenes | **6.5** | 3.0E-02 | 2.0E-01 | NC | 4.5E-02 | NC | 4.5E-01 | **3E-04** | **3E+00** |
| SB-22 | 5 | SB-22 | 8/22/2020 | 1,1-Dichloroethane | **0.54** | 3.0E-02 | 1.6E-02 | 1.3E-03 | 3.7E-03 | **2.1E-06** | 4.6E-03 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | Acetone | **3.6** | 3.0E-02 | 1.1E-01 | NC | 2.5E-02 | NC | 6.8E-03 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | cis-1,2-Dichloroethene | **0.33** | 3.0E-02 | 9.9E-03 | NC | 2.3E-03 | NC | 2.8E-01 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | Methylene Chloride | **5.6** | 3.0E-02 | 1.7E-01 | 1.4E-02 | 3.8E-02 | **1.4E-05** | 9.6E-02 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | Trichloroethene | **0.32** | 3.0E-02 | 9.6E-03 | 7.8E-04 | 2.2E-03 | **3.2E-06** | 1.1E+00 | | |
| SB-22 | 5 | SB-22 | 8/22/2020 | Xylenes | **0.16** | 3.0E-02 | 4.8E-03 | NC | 1.1E-03 | NC | 1.1E-02 | **2E-05** | **1E+00** |
| SB-22 | 15 | SB-22 | 8/22/2020 | 1,1-Dichloroethane | **1.8** | 3.0E-02 | 5.4E-02 | 4.4E-03 | 1.2E-02 | **7.0E-06** | 1.5E-02 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Acetone | **0.079** | 3.0E-02 | 2.4E-03 | NC | 5.4E-04 | NC | 1.5E-04 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | cis-1,2-Dichloroethene | **0.12** | 3.0E-02 | 3.6E-03 | NC | 8.2E-04 | NC | 1.0E-01 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Methylene Chloride | **0.0054** | 3.0E-02 | 1.6E-04 | 1.3E-05 | 3.7E-05 | 1.3E-08 | 9.2E-05 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Tetrachloroethene | **0.53** | 3.0E-02 | 1.6E-02 | 1.3E-03 | 3.6E-03 | **7.9E-06** | 9.1E-02 | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Trichloroethene | **2.1** | 3.0E-02 | 6.3E-02 | 5.1E-03 | 1.4E-02 | **2.1E-05** | **7.2E+00** | | |
| SB-22 | 15 | SB-22 | 8/22/2020 | Xylenes | **0.0075** | 3.0E-02 | 2.3E-04 | NC | 5.1E-05 | NC | 5.1E-04 | **4E-05** | **7E+00** |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-23 | 5 | SB-23 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.015** | 3.0E-02 | 4.5E-04 | NC | 1.0E-04 | NC | 2.1E-05 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | 1,1-Dichloroethane | **0.027** | 3.0E-02 | 8.1E-04 | 6.6E-05 | 1.8E-04 | 1.1E-07 | 2.3E-04 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Acetone | **0.051** | 3.0E-02 | 1.5E-03 | NC | 3.5E-04 | NC | 9.7E-05 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Benzene | **0.048** | 3.0E-02 | 1.4E-03 | 1.2E-04 | 3.3E-04 | **3.4E-06** | 1.1E-01 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | cis-1,2-Dichloroethene | **0.0065** | 3.0E-02 | 2.0E-04 | NC | 4.5E-05 | NC | 5.6E-03 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Ethylbenzene | **0.019** | 3.0E-02 | 5.7E-04 | 4.6E-05 | 1.3E-04 | 1.2E-07 | 1.3E-04 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Methylene Chloride | **0.0077** | 3.0E-02 | 2.3E-04 | 1.9E-05 | 5.3E-05 | 1.9E-08 | 1.3E-04 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Tetrachloroethene | **0.059** | 3.0E-02 | 1.8E-03 | 1.4E-04 | 4.0E-04 | 8.8E-07 | 1.0E-02 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Toluene | **0.15** | 3.0E-02 | 4.5E-03 | NC | 1.0E-03 | NC | 2.4E-03 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Trichloroethene | **0.022** | 3.0E-02 | 6.6E-04 | 5.4E-05 | 1.5E-04 | 2.2E-07 | 7.5E-02 | | |
| SB-23 | 5 | SB-23 | 8/22/2020 | Xylenes | **0.091** | 3.0E-02 | 2.7E-03 | NC | 6.2E-04 | NC | 6.2E-03 | **5E-06** | 2E-01 |
| SB-23 | 15 | SB-23 | 8/22/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.016** | 3.0E-02 | 4.8E-04 | NC | 1.1E-04 | NC | 2.2E-05 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | 1,1-Dichloroethane | **1.1** | 3.0E-02 | 3.3E-02 | 2.7E-03 | 7.5E-03 | **4.3E-06** | 9.4E-03 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Acetone | **0.031** | 3.0E-02 | 9.3E-04 | NC | 2.1E-04 | NC | 5.9E-05 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | cis-1,2-Dichloroethene | **0.015** | 3.0E-02 | 4.5E-04 | NC | 1.0E-04 | NC | 1.3E-02 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Methylene Chloride | **0.0064** | 3.0E-02 | 1.9E-04 | 1.6E-05 | 4.4E-05 | 1.6E-08 | 1.1E-04 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Tetrachloroethene | **0.36** | 3.0E-02 | 1.1E-02 | 8.8E-04 | 2.5E-03 | **5.4E-06** | 6.2E-02 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Toluene | **0.053** | 3.0E-02 | 1.6E-03 | NC | 3.6E-04 | NC | 8.6E-04 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Trichloroethene | **0.42** | 3.0E-02 | 1.3E-02 | 1.0E-03 | 2.9E-03 | **4.2E-06** | 1.4E+00 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Vinyl Chloride | **0.011** | 3.0E-02 | 3.3E-04 | 2.7E-05 | 7.5E-05 | **2.1E-06** | 7.5E-04 | | |
| SB-23 | 15 | SB-23 | 8/22/2020 | Xylenes | **0.0095** | 3.0E-02 | 2.9E-04 | NC | 6.5E-05 | NC | 6.5E-04 | **2E-05** | **2E+00** |
| SB-24 | 5 | SB-24 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.036** | 3.0E-02 | 1.1E-03 | NC | 2.5E-04 | NC | 4.9E-05 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Acetone | **0.12** | 3.0E-02 | 3.6E-03 | NC | 8.2E-04 | NC | 2.3E-04 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Benzene | **0.019** | 3.0E-02 | 5.7E-04 | 4.6E-05 | 1.3E-04 | 1.3E-06 | 4.3E-02 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Ethylbenzene | **0.023** | 3.0E-02 | 6.9E-04 | 5.6E-05 | 1.6E-04 | 1.4E-07 | 1.6E-04 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Tetrachloroethene | **0.58** | 3.0E-02 | 1.7E-02 | 1.4E-03 | 4.0E-03 | **8.7E-06** | 9.9E-02 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Toluene | **0.22** | 3.0E-02 | 6.6E-03 | NC | 1.5E-03 | NC | 3.6E-03 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Trichloroethene | **0.020** | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 2.0E-07 | 6.8E-02 | | |
| SB-24 | 5 | SB-24 | 8/21/2020 | Xylenes | **0.11** | 3.0E-02 | 3.3E-03 | NC | 7.5E-04 | NC | 7.5E-03 | **1E-05** | 2E-01 |
| SB-24 | 15 | SB-24 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.052** | 3.0E-02 | 1.6E-03 | NC | 3.6E-04 | NC | 7.1E-05 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | 1,1-Dichloroethane | **0.089** | 3.0E-02 | 2.7E-03 | 2.2E-04 | 6.1E-04 | 3.5E-07 | 7.6E-04 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Acetone | **0.064** | 3.0E-02 | 1.9E-03 | NC | 4.4E-04 | NC | 1.2E-04 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Ethylbenzene | **0.020** | 3.0E-02 | 6.0E-04 | 4.9E-05 | 1.4E-04 | 1.2E-07 | 1.4E-04 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Tetrachloroethene | **0.98** | 3.0E-02 | 2.9E-02 | 2.4E-03 | 6.7E-03 | **1.5E-05** | 1.7E-01 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Toluene | **0.092** | 3.0E-02 | 2.8E-03 | NC | 6.3E-04 | NC | 1.5E-03 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Trichloroethene | **0.12** | 3.0E-02 | 3.6E-03 | 2.9E-04 | 8.2E-04 | 1.2E-06 | 4.1E-01 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Vinyl Chloride | **0.0041** | 3.0E-02 | 1.2E-04 | 1.0E-05 | 2.8E-05 | 7.8E-07 | 2.8E-04 | | |
| SB-24 | 15 | SB-24 | 8/21/2020 | Xylenes | **0.097** | 3.0E-02 | 2.9E-03 | NC | 6.6E-04 | NC | 6.6E-03 | **2E-05** | 6E-01 |
| SB-25 | 5 | SB-25 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | **0.035** | 3.0E-02 | 1.1E-03 | NC | 2.4E-04 | NC | 4.8E-05 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | 1,1-Dichloroethane | **0.0016** | 3.0E-02 | 4.8E-05 | 3.9E-06 | 1.1E-05 | 6.3E-09 | 1.4E-05 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Acetone | **0.046** | 3.0E-02 | 1.4E-03 | NC | 3.2E-04 | NC | 8.8E-05 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Benzene | **0.0049** | 3.0E-02 | 1.5E-04 | 1.2E-05 | 3.4E-05 | 3.5E-07 | 1.1E-02 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Carbon Disulfide | **0.0035** | 3.0E-02 | 1.1E-04 | NC | 2.4E-05 | NC | 3.4E-05 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | cis-1,2-Dichloroethene | **0.0017** | 3.0E-02 | 5.1E-05 | NC | 1.2E-05 | NC | 1.5E-03 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Ethylbenzene | **0.060** | 3.0E-02 | 1.8E-03 | 1.5E-04 | 4.1E-04 | 3.7E-07 | 4.1E-04 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Methylene Chloride | **0.0054** | 3.0E-02 | 1.6E-04 | 1.3E-05 | 3.7E-05 | 1.3E-08 | 9.2E-05 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Tetrachloroethene | **0.15** | 3.0E-02 | 4.5E-03 | 3.7E-04 | 1.0E-03 | **2.2E-06** | 2.6E-02 | | |

**TABLE G-2**
**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

| Soil Vapor Sample Location[a] | Sampling Depth (feet bgs) | Sample ID | Sample Date | Chemical | Soil Vapor Concentration ($mg/m^3$)[a] | Attenuation Factor [($mg/m^3$)/($mg/m^3$)][b] | Exposure Point Concentration (EPC) in Indoor Air ($mg/m^3$)[c] | Exposure Concentration (EC) in Indoor Air – Cancer Effects ($mg/m^3$)[d] | Exposure Concentration (EC) in Indoor Air – Noncancer Effects ($mg/m^3$)[d] | ILECR from Vapor Intrusion (unitless)[e] | Noncancer HQ from Vapor Intrusion (unitless)[e] | Cumulative ILECR | Noncancer HI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SB-25 | 5 | SB-25 | 8/21/2020 | Toluene | **0.033** | 3.0E-02 | 9.9E-04 | NC | 2.3E-04 | NC | 5.4E-04 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Trichloroethene | **0.0069** | 3.0E-02 | 2.1E-04 | 1.7E-05 | 4.7E-05 | 6.9E-08 | 2.4E-02 | | |
| SB-25 | 5 | SB-25 | 8/21/2020 | Xylenes | **0.41** | 3.0E-02 | 1.2E-02 | NC | 2.8E-03 | NC | 2.8E-02 | **3E-06** | 9E-02 |
| SB-25 | 15 | SB-25 | 8/21/2020 | 1,1,2-Trichlorotrifluoroethane (Freon 113] | **0.16** | 3.0E-02 | 4.8E-03 | NC | 1.1E-03 | NC | 2.2E-04 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | 1,1-Dichloroethane | **0.021** | 3.0E-02 | 6.3E-04 | 5.1E-05 | 1.4E-04 | 8.2E-08 | 1.8E-04 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Acetone | **0.041** | 3.0E-02 | 1.2E-03 | NC | 2.8E-04 | NC | 7.8E-05 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Benzene | **0.0025** | 3.0E-02 | 7.5E-05 | 6.1E-06 | 1.7E-05 | 1.8E-07 | 5.7E-03 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Ethylbenzene | **0.070** | 3.0E-02 | 2.1E-03 | 1.7E-04 | 4.8E-04 | 4.3E-07 | 4.8E-04 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Tetrachloroethene | **0.68** | 3.0E-02 | 2.0E-02 | 1.7E-03 | 4.7E-03 | **1.0E-05** | 1.2E-01 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Toluene | **0.011** | 3.0E-02 | 3.3E-04 | NC | 7.5E-05 | NC | 1.8E-04 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Trichloroethene | **0.071** | 3.0E-02 | 2.1E-03 | 1.7E-04 | 4.9E-04 | 7.1E-07 | 2.4E-01 | | |
| SB-25 | 15 | SB-25 | 8/21/2020 | Xylenes | **0.49** | 3.0E-02 | 1.5E-02 | NC | 3.4E-03 | NC | 3.4E-02 | **1E-05** | 4E-01 |

**TABLE G-2**

**ESTIMATED VAPOR INTRUSION ILECRs AND NONCANCER HQs/HIs FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL VAPOR USING DEFAULT ATTENUATION FACTOR OF 0.03: ON-SITE NON-INTRUSIVE WORKERS**

ROSEMEAD HOLDING, LLC PROPERTY

SOUTH EL MONTE, CALIFORNIA

**Notes:**

bgs = below ground surface

HI = hazard index

HQ = hazard quotient

ILECR = incremental lifetime excess cancer risk

NC = Not considered to be a carcinogen.

$mg/m^3$ = milligrams per cubic meter

[a] Measured chemical concentration in subsurface soil gas. Detected results are presented in bold. Non-detect results are represented by one-half the laboratory reporting limit; non-detect results are included if the chemical was detected in at least one Site soil gas sample. In the case of non-detect results in both duplicate and primary samples, one-half of the lower of the two reporting limits was evaluated.

[b] The attenuation factor represents the relationship between the chemical concentration in soil gas and the chemical concentration in indoor air (resulting from volatilization from soil gas*i.e.* , vapor intrusion). Default attenuation factors published by the USEPA (2012) and the California Department of Toxic Substances Control and State Water Resources Control Board (2023) were used. Specifically, the USEPA-derived value of 0.03 for chlorinated volatile organic compounds (VOCs) and residential buildings (USEPA, 2015) was used for the scenario evaluated (future on-Site non-intrusive workers).

[c] The exposure point concentration (EPC) in indoor air is the predicted estimated indoor air concentration the receptor may be exposed to (EPC = soil gas concentration × attenuation factor).

[d] Exposure concentrations (ECs) were calculated using equations presented in Table 5 and exposure parameters presented in Table 4.

[e] Incremental lifetime excess cancer risks (ILECRs) and noncancer hazard quotients (HQs) calculated from ECs as follows:

ILECR = EC (cancer effects) × URF

HQ = EC (noncancer effects) / RfC

Unit risk factors (URFs) and reference concentrations (RfCs) presented in Table 7.

ILECRs greater than $1 \times 10^{-6}$ and HQs/HIs greater than 1 are bolded and shaded.

# APPENDIX H
# Risk-Based Screening Concentration Example Calculation

**TABLE H-1**
**SAMPLE RISK-BASED SCREENING CONCENTRATION CALCULATION FOR NAPHTHALENE IN SOIL**
ROSEMEAD HOLDING, LLC PROPERTY
SOUTH EL MONTE, CALIFORNIA

For carcinogens, the following equation is used to derive the soil RBSC for residents:

$$RBSC_{a,carcinogen} = \frac{Target\ Risk\ Level}{\left(\left[\frac{Risk_{a,inhv}}{Conc_{inhv}}\right] + \left[\frac{Risk_{a,inhp}}{Conc_{a,inhp}}\right] + \left[\frac{Risk_{a,ing}}{Conc_{a,ing}}\right] + \left[\frac{Risk_{a,der}}{Conc_{a,der}}\right]\right)} = 6.1$$

| Parameter | Definition | Parameter Values (for Naphthalene) |
|---|---|---|
| $RBSC_{a,carcinogen}$ | Risk-Based Screening Concentration, chemical a, for carcinogenic effects, (mg/kg) | See calculated value above |
| Target Risk Level | Target Cancer Risk Level (unitless) | 1.0E-06 |
| $Risk_{a,inhv}$ | Calculated Cancer Risk for Chemical a for the vapor inhalation pathway (unitless) | 2.5E-08 |
| $Risk_{a,inhp}$ | Calculated Cancer Risk for Chemical a for the particulate inhalation pathway (unitless) | 8.4E-13 |
| $Risk_{a,ing}$ | Calculated Cancer Risk for Chemical a for the soil ingestion pathway (unitless) | 1.5E-08 |
| $Risk_{a,der}$ | Calculated Cancer Risk for Chemical a for the dermal contact pathway (unitless) | 2.7E-08 |
| $Conc_{a,inhv}$ | Representative Exposure Point Concentration of Chemical a for the vapor inhalation pathway (mg/kg) | 0.41 |
| $Conc_{a,inhp}$ | Representative Exposure Point Concentration of Chemical a for the particulate inhalation pathway (mg/kg) | 0.41 |
| $Conc_{a,ing}$ | Representative Exposure Point Concentration of Chemical a for the soil ingestion pathway (mg/kg) | 0.41 |
| $Conc_{a,der}$ | Representative Exposure Point Concentration of Chemical a for the dermal contact pathway (mg/kg) | 0.41 |

EEC ENVIRONMENTAL
Corporate Office
Tel: (714) 667-2300
Fax: (714) 667-2310
One City Boulevard West, Suite 1800
Orange, California 92868
www.eecenvironmental.com

# TECHNICAL MEMORANDUM

Date: October 19, 2020 S3537

TO: Mr. Carl Middleton
Northgate Gonzalez RE, LLC
1201 North Magnolia Avenue
Anaheim, California 92801

FROM: Ms. Vanessa Layne
EEC Environmental

PROJECT: South El Monte Parcels - 2200, 2212, 2218, and 2226 N. Rosemead Blvd

SUBJECT: Results of Phase II Subsurface Investigation in August and September 2020

EEC Environmental (EEC) is providing this Technical Memorandum (Tech Memo) to summarize the results of the subsurface investigation activities conducted at 2200, 2212, 2218, and 2226 N. Rosemead Blvd in South El Monte, California (the Site) (see Figure 1, Site Vicinity Map) in August and September 2020. The purpose of the investigation is to assess current subsurface conditions at the Subject Properties in order to provide baseline environmental data in advance of a property transaction.

## SCOPE OF WORK

The Site investigation was conducted in two mobilizations. The first mobilization targeted current and historic areas of concerns associated with the parcels. The second mobilization was a more focused investigation to delineate areas of elevated contaminants of concern (COCs) encountered during the first mobilization. The following describes the activities associated with investigations in August and September 2020:

- Conducting geophysical surveys of the Site to identify possible feature(s) related to prior site activities and to identify subsurface utilities that may have been in conflict with proposed drilling locations.
- Advancing 33 borings using the direct-push drilling method to approximately 15 feet below ground surface (bgs).
- Collecting soil samples at 2, 5, 10, and 15 feet bgs in each of the 33 soil borings. Samples were analyzed as presented in Table 1, *Sampling Matrix* and as summarized below.
- Installing dual-nested soil-vapor probes at 22 of the 33 direct-push boring locations at depths of 5 and 15 feet bgs.
- Collecting soil-vapor samples from each vapor probe and analyzing the samples for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method TO-15.
- Advancing four additional borings to 48 feet bgs using a limited access hollow stem auger (HSA) drill rig to collect groundwater samples in areas of concern.

- Collecting soil samples at 10, 20, 30, and 40 feet bgs in each of the four additional borings.
- Collecting groundwater samples at each additional boring for analysis of VOCs by USEPA Method 8260B/5035.
- Installing multi-nested soil vapor probes each additional boring at depths of 5, 15, 30, and 40 feet bgs.
- Utilizing a mobile laboratory for the collection of soil-vapor samples at each vapor probe for the analysis of VOCs by USEPA Method 8260B.

This Tech Memo documents the methods, procedures, and results of the Site investigation activities. The scope of work outlined above was completed under the supervision of a California licensed Professional Geologist (PG).

## BACKGROUND

A more detailed description of the Site history is provided in the Phase I Environmental Site Assessments (ESA) developed by Ramboll Environmental[1,2]. The following are concerns that formed the basis for the subsurface investigation scopes of work.

The Site has been utilized for multiple industrial uses since the 1940s. The current site use is summarized below.

- 2200 N. Rosemead Blvd – Auto Center (front of parcel), Ditty Drum Company (back of parcel)
- 2212 N. Rosemead Blvd – Auto Body Repair shop
- 2218 N. Rosemead Blvd – BJ's Tire Spot
- 2226 N. Rosemead Blvd – Ditty Container Company

Numerous subsurface investigations were conducted at the Site since the 1980s under the jurisdiction of the Los Angeles Regional Water Quality Control Board's Wells Inestigation program and it was involved in the South El Monte operable unit of the San Gabriel Valley Superfund Site. In 1997, the Regional Water Quality Control Board issued a no further action letter based on several rounds of groundwater, soil gas, and soil testing. Subsequently, a settlement was reached with the United States Environmental Protection Agency (USEPA) and Pacific Drum Company (2200 N. Rosemead Blvd) in 2012. At the time, no government agency is involved with subsurface investigation at the Site or ordering remediation.

Based on previous investigation the following current and historic areas of concern have been identified at the Site:

- drum cleaning and storage areas
- tote storage areas
- hazard materials storage area
- clarifiers and interceptors
- trench drain
- paint storage areas
- above-ground storage tanks
- underground storage tanks

1 Ramboll US Corporation (Ramboll), 2020a. Phase I Environmental Site Assessment for 2200 North Rosemead Boulevard, South El Monte, California. July 21

2 Ramboll, 2020b. Phase I Environmental Site Assessment for 2212, 2218, and 2226 North Rosemead Boulevard, South El Monte, California. July 21

## SITE INVESTIGATION ACTIVITIES

Site investigation activities initially took place on August 21, 22, and 26, 2020. The investigation activities consisted of drilling and sampling 33 borings and installing and sampling dual-nested soil-vapor probes in 22 of the borings at the Subject Property (Figure 2*, Sample Location Map*). Based on the findings during that investigation, additional activities were performed on September 18, 19, 24, and 25, 2020 and included the drilling and sampling of four deeper borings, the collection of groundwater sample, and installation of multi-nested soil vapor probes.

### Pre-Drilling Activities

Prior to drilling, EEC prepared a site-specific health and safety plan, marked the proposed boring locations with white paint, and contacted Underground Service Alert (USA) to identify any subsurface utilities underlying the proposed drilling locations.

EEC obtained a permit for the installation of the soil borings from the Los Angeles County, Department of Health Services (LACDPH) prior to the beginning of the work. The permit is provided in Appendix A, *Boring Permit*.

### Site Clearance

On August 21, 2020 and again on September 18, 2020, Pacific Coast Locators (PCL) conducted geophysical surveys of the Site to confirm there were no conflicts with potential underground utilities at the proposed boring locations. Several geophysical methods were employed, including high-sensitivity metal detection, shallow-focus terrain conductivity, ground-penetrating radar (GPR), and electromagnetic utility locating. No anomalous subsurface structures were identified during the geophysical investigation.

### Drilling Activities

All boring locations are shown on Figure 2. Soil boings SB-1 through SB-33 were installed using limited access track-mounted direct push drill rigs. Deeper borings HP-1 through HP-2 were installed

#### *Direct-Push Drilling and Soil Sampling*

During the first mobilization, limited-access direct-push drill rigs were utilized to advance 33 soil borings to 15 feet bgs. Direct-push drill rigs are hydraulically powered soil probing machines that use both static force and percussion to drive steel boring rods into the subsurface. Soil samples were collected as the core barrel was advanced and soil is driven into an inner 1.75-inch diameter, 4-foot long clear acetate sampling sleeve. Each soil boring was continuously sampled and logged from the direct-push sleeves pursuant to the Unified Soil Classification System (USCS) (ASTM D-2488-00). Soil samples were examined in the field for soil type, physical characteristics, and field evidence of contamination (staining, elevated organic vapor readings, etc.). Soil was screened for organic vapors using a photo-ionization detector (PID) as the boring was advanced and the readings were recorded on a field boring log (Appendix B, *Soil Boring Logs*). After decontamination of the sampling core barrel, a new acetate sleeve was inserted into the barrel and lowered back into the boring annulus, and the sampling process was repeated to the total boring depth.

Soil samples were collected at 2, 5, 10, and 15 feet bgs in each boring. At the designated depth interval, a 6-inch soil sample was cut from the acetate sleeve and capped with Teflon™ lined end caps. Soil samples were labeled with a unique identification number, sealed in a plastic bag, and placed in a chilled

cooler. The soil samples were transferred under proper chain-of-custody protocols to Enthalpy Analytical, a California State-certified analytical laboratory for analysis. Soil samples were analyzed as presented in Table 1 and as described below:

- All soil samples collected at 2 and 5 feet bgs were analyzed for VOCs by USEPA Method 8260B and for total petroleum hydrocarbons (TPH) carbon chain by USEPA 8015B.
- Select soil samples collected at 2 feet bgs were also analyzed for the following:
    - Polychlorinated biphenyls (PCBs) by USEPA 8082;
    - Polycyclic aromatic hydrocarbons (PAHs) by USEPA Method 8270 SIM; and
    - California Title 22 Metals (CAM-17) by USEPA Methods 6010B/7471A;
- Depending on results of the samples listed above, additional depths were analyzed for vertical delineation.

### *Hollow-Stem Auger Drilling and Soil Sampling*

During the second mobilization, four deeper borings were advanced using a limited access HSA drill rig. Prior to drilling, each boring was cleared by hand auger to a depth of 5 ft bgs. Then the boring was drilled with using 8-inch-diameter, continuous-flight, hollow-stem augers. Borings were advanced to a total depth of approximately 48 ft bgs. Groundwater was encountered at depths of approximately 45 ft bgs.

During hollow-stem-auger drilling activities, split-spoon samples were collected at 10-foot intervals and examined for soil type and major lithological changes. Soils were visually examined by a field geologist and observations logged in accordance with American Society for Testing and Materials standard D2487-11 using the Unified Soil Classification System (USCS) under the supervision of a California licensed Professional Geologist. In addition, a portion of soil from each 5-foot depth interval was collected from the sampling equipment and placed in re-sealable plastic bags. The bags were sealed for at least 10 minutes to allow any VOC vapors to volatilize into the headspace of the bag. A photoionization detector (PID) was used to measure VOC concentrations within the headspace of the bag, and measurements recorded on boring logs. Soil samples were collected and preserved for laboratory analysis in accordance with United States Environmental Protection Agency (USEPA) Method 5035 using laboratory-provided field preservation kits. Soil samples were labeled with an identification number, sealed in a plastic bag, and placed into a chilled cooler. The collected soil samples were transferred under proper chain-of-custody protocols to Enthalpy Analytical Enthalpy, a California State–certified analytical laboratory, for analyses of VOCs by USEPA Method 8260B. The soil boring logs are provided in Appendix B.

### *Groundwater Sampling*

At borings HP-1 Through HP-4, once groundwater was encountered, a Hydropunch-type sampling device was driven to a depth of 3 feet below the groundwater table. The rod was withdrawn to expose the screen of the sampling device. A bailer was lowered into the sampler to collect a groundwater sample. Groundwater was encountered at approximately 45 feet bgs at each boring. Groundwater samples were submitted to Enthalpy for the analysis of VOCs in accordance with USEPA Method 8260B.

### *Soil Vapor Probe Installation*

At 22 boring locations, after completion of drilling to 15 feet bgs, dual-nested vapor probes were constructed in the boring annulus. Each of the dual-nested vapor probes was constructed from the

bottom up and consists of vapor probes set at approximately 5 and 15 feet bgs. Each vapor probe was constructed of 0.25-inch-diameter polyetheretherketone (PEEK) tubing fitted with a 1.75-inch vapor inlet filter at the bottom of the tubing. The vapor probe inlet filter was installed in the middle of a one-foot filter pack of clean, kiln-dried #3 Monterey sand with one-foot of dry bentonite chips placed above the sand. Hydrated bentonite was then installed above the dry bentonite chips. The process was repeated for each probe with the bentonite above the 5-foot probe extending to just below the base of the existing pavement. Soil-vapor probes were designed and constructed in accordance with the California Environmental Protection Agency (CalEPA) and Department of Toxic Substance Control's (DTSC) 2015 *Soil Gas Advisory (Soil Gas Advisory)*.

After completion of drilling and collection of groundwater samples at the four Hydropunch borings, multi-nested probes were constructed in the boring annulus. The probes were installed at depths of 5, 15, 30, and 40 feet bgs. The probe construction is similar to the description provided above, with the exception being the tubing was fastened to a one-inch diameter PVC stabilizer pipe. Each boring was completed with an 8-inch traffic rated well box.

## Soil Vapor Sample Collection and Analysis

During the first mobilization, the soil vapor probes were sampled on August 21, 22, and 26, 2020. The soil vapor probes installed during the second mobilization were sampled on September 24 and 25, 2020.

EEC allowed direct-push installations to equilibrate over a minimum period of 2-hours prior to initiating sampling activities. HSA-installed probes were allowed seven days to equilibrate.

After the equilibration period was observed, each vapor probe was purged in accordance with standards set in the *Soil Gas Advisory*, where three (3) purge volumes of stagnant air were removed using a vacuum pump at a rate of 200 mL/min. During the first mobilization, soil vapor samples were collected using a 1-liter laboratory certified clean Summa canister equipped with a laboratory calibrated flow regulator set at a rate of approximately 200 mL/min. After collection, soil vapor samples were transferred under proper chain-of-custody protocols to Enthalpy Analytical, a California State-certified analytical laboratory for VOC analysis by USEPA Method TO-15.

During the second mobilization, soil vapor samples were collected in clean, 50-milliliter (ml) glass syringes and transferred to the onsite mobile laboratory for direct injection into a gas chromatograph (GC) for analysis of VOCs in accordance with USEPA Method 8260 by Environmental Support Technologies (EST) onsite mobile laboratory.

## Waste Disposal

Investigation-derived waste (IDW) included soil cuttings generated during drilling and were stored onsite in ten U.S. Department of Transportation (DOT) approved 55-gallon drums. The drums were labeled with the accumulation start date, description of contents, and applicable contact information. The IDW was profiled, manifested, and will be disposed of within 90 days of generation. Manifests signed by the disposal facility were not available for inclusion in this report and can be provided under separate cover upon request.

# RESULTS

Detectable concentrations of VOCs, TPH, PCBs, PAHs, and metals were compared against the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESLs) for commercial/industrial direct exposure. The ESLs are the most current and generally most

conservative set of screening values; however, individual screening levels have not been developed for all constituents. If an ESL has not been developed for a constituent, the USEPA Regional Screening Levels (RSLs) for commercial/industrial soils were applied. In the case of arsenic, the background level of 12 mg/kg established for the Department of Toxic Substances Control (DTSC) was applied. Laboratory analytical results are summarized in Tables 2 through 8. Laboratory reports are provided in Appendix C, *Soil and Groundwater Laboratory Analytical Reports* and Appendix D, *Soil Vapor Laboratory Analytical Report*. Results for each constituent class are summarized below.

## Soil Analytical Results

### *Volatile Organic Compounds*

Eighty-four soil samples were analyzed for VOCs from the 33 shallow soil borings the four deep borings. VOC constituents were detected in all samples, with PCE, TCE, and BTEX compounds being the dominant VOCs detected. VOC results are summarized in *Table 2, Summary of Volatile Organic Compounds and Total Petroleum Hydrocarbons in Soil* and Table 7, *Summary of Volatile Organic Compounds in Additional Samples.* Estimated values (J), detected below the reporting limit and above the laboratory method detection limit, and are included in the summary tables for each constituent class. Soil laboratory results for all analytes are provided in Appendix C. VOCs exceeded the ESLs at one location (SB-21).

### *Total Petroleum Hydrocarbons*

Soil samples were analyzed for TPH carbon chain by USEPA 8015 from the 33 shallow soil borings. TPH was speciated into C6-C12 (gasoline range), C13-C22 (diesel range), and C23-C44 (motor oil range). TPH as gasoline was detected in six of the 33 borings. TPH as diesel was detected in 16 of the 33 borings, and TPH as motor oil was detected in 29 of the 33 borings. TPH results are summarized in Table 2 *Summary of Volatile Organic Compounds and Total Petroleum Hydrocarbons in Soil.*

TPH-gasoline was detected above the ESL at one location (SB-23 at 2 feet bgs). TPH-gasoline was not detected in the sample collected at 5 feet bgs. TPH-diesel was detected above the ESL at four locations (SB-14, SB-16, and SB-23 at 2 feet bgs and in SB-21 at 5 feet bgs). Concentrations of TPH-diesel were below either non-detect (ND) or below the ESL in samples collected at the next depth interval. TPH-motor oil concentrations were below the SFRWQCB ESL in all borings.

### *Polychlorinated Biphenyls (PCBs)*

Twenty soil samples were analyzed for PCBs by USEPA Method 8082. PCB isomers were all below detection limits except for PCB-1254 in five samples. Three of the five samples exceeded the SFRWQCB ESL. PCB results are summarized in Table 3*, Summary of Polychlorinated Biphenyls in Soil.*

### *Polycyclic Aromatic Hydrocarbons (PAHs)*

Thirty-three soil samples were analyzed for PAHs by USEPA Method 8270-SIM. PAH results are summarized in Table 4*, Summary of Polycyclic Aromatic Hydrocarbon in Soil.* Benzo(a)pyrene was detected above the SFRWQCB ESL in SB-14 at 2 feet bgs.

### *Metals*

Soil samples were analyzed for Title 22 metals from 33 soil borings by USEAP Method 6010B/7471A. Metal results are summarized in Table 5*, Summary of Metals in Soil.* Metal results were compared against the SFRWQCB ESLs, except for arsenic, which was compared against the background level of 12 mg/kg established by the DTSC. Concentrations of antimony, arsenic, and lead were detected above

their respective screening levels in various boring locations. Samples analyzed at the next depth intervals were below the screening levels.

## Soil Vapor Analytical Results

Detectable concentrations of VOCs in soil vapor were compared against the SFRWQCB ESLs for commercial/industrial subslab/soil gas vapor intrusion risk. The ESLs are the most current and generally most conservative set of screening values; however, individual screening levels have not been developed for all constituents. If an ESL has not been developed for a constituent, the USEPA RSLs for indoor industrial air were divided by a sub-slab attenuation factor of 0.03 to achieve adjusted RSL for soil vapor. The constituents without established ESLs are not the main risk drivers at the Site.

The soil-vapor laboratory results are summarized in Table 6, *Summary of Volatile Organic Compounds in Soil Vapor* and Table 8, *Summary of Volatile Organic Compounds in Additional Soil Vapor.* VOC concentrations were compared to the commercial/industrial ESLs and adjusted RSLs as warranted. Results elevated concentrations of VOCs throughout the site, with the highest concentrations located along the southern portion of the 2200 Rosemead parcel (Ditty Container Company property), in samples collected adjacent to the clarifier, the waste treatment area, and the waste storage area.

## Groundwater Analytical Results

Four groundwater samples were analyzed for VOCs by USEPA Method 8260B. Results were compared to their respective maximum contaminant levels (MCLs) and are summarized Table 7. Results indicated that shallow groundwater is impacted with VOCs slightly above the MCLs, but concentrations are not at levels that typically require remediation.

## SUMMARY

### Soil

Based on the results for the Site investigations, impacted soil is limited to the shallower depths. During Site redevelopment activities, focused excavations should be sufficient to address any residual levels of contamination that could interfere with operations or pose health and safety risks.

### Groundwater

Although groundwater is impacted with VOCs, the low concentrations are manageable and should not trigger any requirements for active remediation. These levels also may be impacted by the regional groundwater contamination that currently is being remediated by the USEPA as part of the 2012 Consent Agreements.

### Soil Vapor

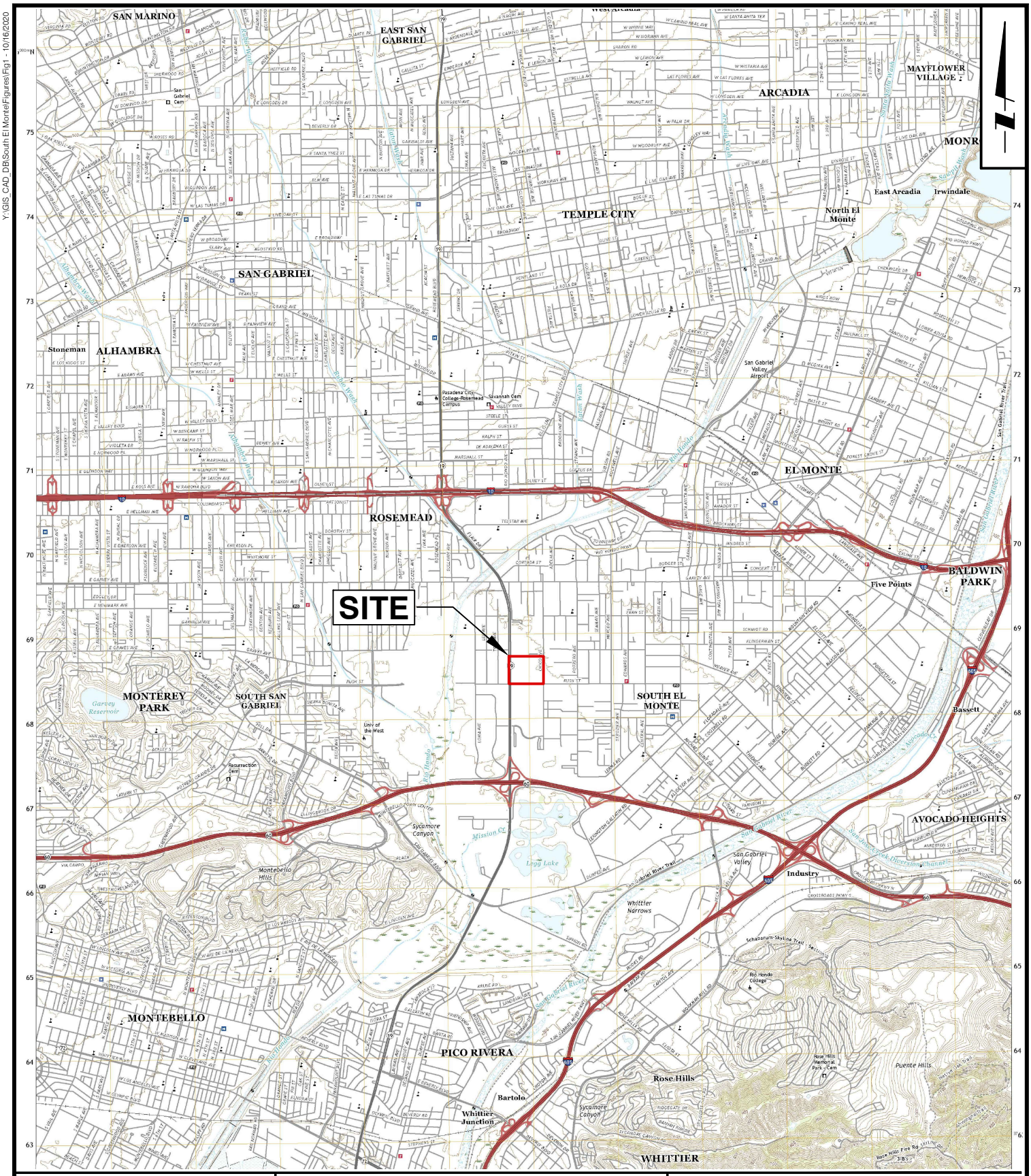
Several VOCs, including PCE, TCE, cis-1,2-DCE, BTEX, methylene chloride, vinyl chloride, and 1,2-DCA exceed SFRWQCB Industrial/Commercial Subslab/Soil Gas risk levels. Vapor intrusion risk is present, particularly in the southern portion of the Ditty Container Company property. Mitigation of soil vapor will be necessary for future development but is manageable with the installation of targeted soil vapor extraction. EEC is developing a proposed scope of work and remediation budget for consideration.

## CONCLUSION

Extensive Site investigations were undertaken in August and September 2020, including 37 borings from which soil and soil gas samples were taken and four groundwater Hydropunch samples. Based upon our evaluation of the current and historic site data and the proposed development plans, EEC believes the contamination encountered at the Site is manageable and will not prevent commercial development of the properties. Soil vapor contamination requiring remediation appears to be limited along the southern boundary of the 2200 Parcel. Soil Vapor Extraction is the recommended technology to address the subsurface vapor contamination and would not interfere with any proposed industrial/commercial development of the property. VOC contamination was also identified in groundwater at levels below which, in EEC's experience, would not require remediation by the Regional Water Quality Control Board. EEC recommends that a detailed Scope of Work and Remediation Plan be developed to address areas of contamination identified exceeding commercial/industrial standards

Attachments:
1. Figures
2. Tables
3. Appendices

# FIGURES




EEC ENVIRONMENTAL

0 1 2 MILES

APPROXIMATE SCALE

# SITE LOCATION MAP

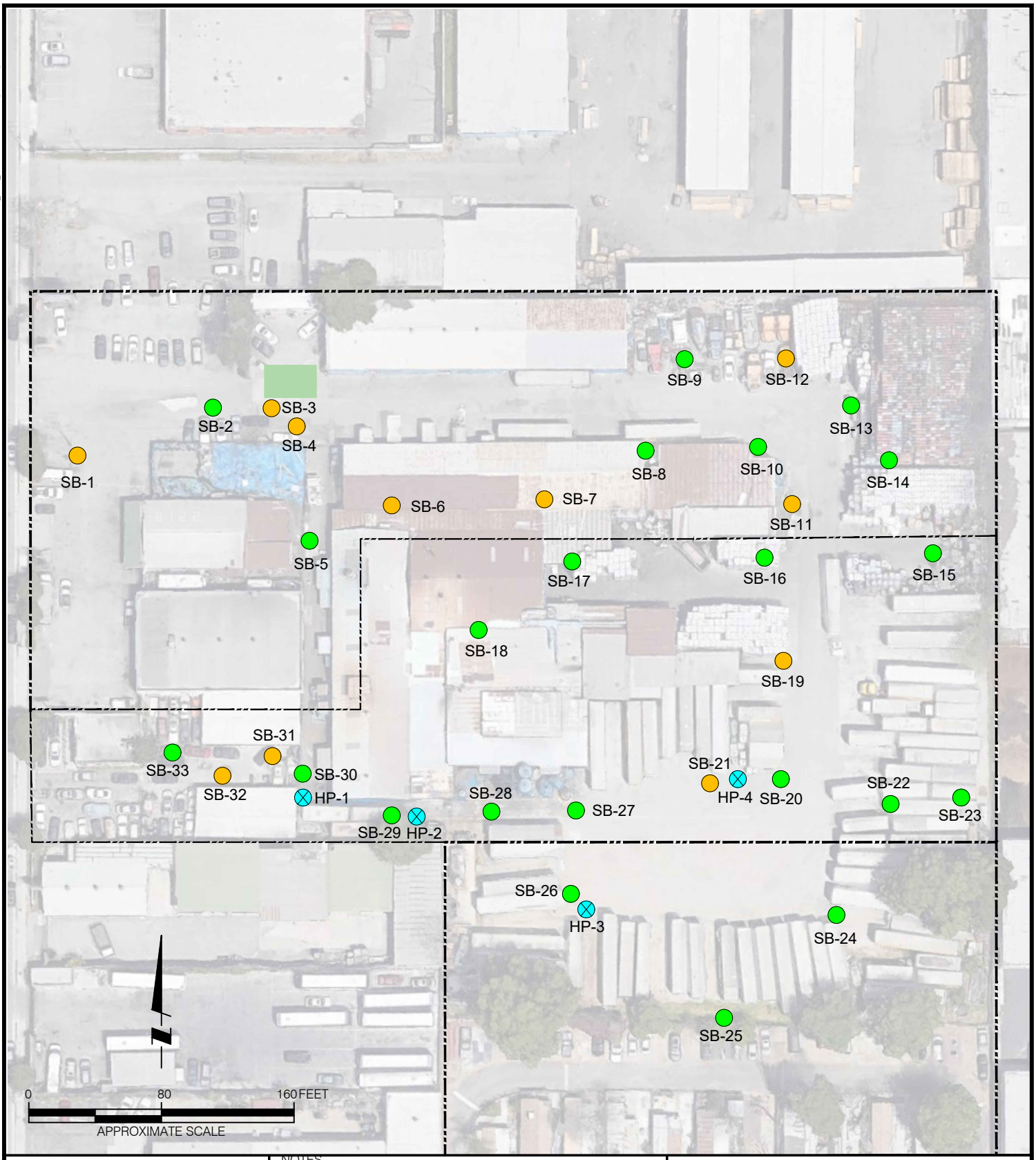
2212, 2218, 2226, 2200 North Rosemead Blvd.
South El Monte, CA 91733

| Date | Drafter | PE/PG | Project Number | Figure |
|---|---|---|---|---|
| October 16, 2020 | AC | VL | X-0000.00 | 1 |
| | | Project Manager: VL | File: Fig1 | |

Map Source: 7.5 Map Series Topographic Quadrangle Map, El Monte, CA - 2018

Y:\GIS_CAD_DB\South El Monte\Figures\Fig1 - 10/16/2020

Y:\GIS_CAD_DB\South El Monte\Figures\Fig2 - 10/16/2020




NOTES

Site Boundary

Soil/Soil Vapor/Groundwater Location
Soil and Soil Vapor Sampling Location
Soil Sampling Location

EEC ENVIRONMENTAL

# SAMPLE LOCATIONS MAP

2212, 2218, 2226, 2200 North Rosemead Blvd.

South El Monte, CA

| Date | Drafter | PE/PG | Project Number | Figure |
|---|---|---|---|---|
| October 16, 2020 | AC | VL | | 2 |
| | | Project Manager: VL | File: Figure2 | |

# TABLES

**Table 1 - Sampling Martix**
**South El Monte Parcels**

| Boring Number | Sample Depths (feet bgs) | Soil | | | | | Soil Vapor | | Groundwater |
|---|---|---|---|---|---|---|---|---|---|
| | | VOCs (8260B/5035) | TPHcc (8015M) | PCBs (8082) | PAHs (8270 SIM) | CAM 17 Metals (6010/7471) | VOCs (TO-15) | VOCs (8260B) | VOCs (8260B) |
| **Mobilization One - General Site Investigation** | | | | | | | | | |
| SB-1 | 2,5,10,15 | 2', 5' | 2', 5' | 2' | -- | 2' | -- | -- | -- |
| SB-2 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-3 | 2,5,10,15 | 10', 15' | 2', 5' | -- | 2' | 2' | -- | -- | -- |
| SB-4 | 2,5,10,15 | 2', 5' | 2', 5' | 2' | 2' | 2' | -- | -- | -- |
| SB-5 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-6 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | -- | -- | -- |
| SB-7 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | -- | -- | -- |
| SB-8 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-9 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-10 | 2,5,10,15 | 2', 5' | 2', 5' | 5' | 2' | 2' | 5', 15' | -- | -- |
| SB-11 | 2,5,10,15 | 2', 5' | 2', 5' | 2', 5', 10', 15' | 2' | 2' | -- | -- | -- |
| SB-12 | 2,5,10,15 | 2', 5' | 2', 5' | 2' | 2' | 2' | -- | -- | -- |
| SB-13 | 2,5,10,15 | 2', 5', 10' | 2', 5' | 2' | 2' | 2' | 5', 15' | -- | -- |
| SB-14 | 2,5,10,15 | 2', 5' | 2', 5' | 2', 5', 10', 15' | 2' | 2' | 5', 15' | -- | -- |
| SB-15 | 2,5,10,15 | 2', 5' | 2', 5' | 2' | 2' | 2' | 5', 15' | -- | -- |
| SB-16 | 2,5,10,15 | 2', 5' | 2', 5' | 2', 5' | 2' | 2' | 5', 15' | -- | -- |
| SB-17 | 2,5,10,15 | 2', 5' | 2', 5' | 2' | 2' | 2' | 5', 15' | -- | -- |
| SB-18 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-19 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-20 | 2,5,10,15 | 2', 5' | 2', 5' | 2' | 2' | 2' | 5', 15' | -- | -- |
| SB-21 | 2,5,10,15 | 2', 5', 10' | 2', 5', 10' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-22 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-23 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-24 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-25 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-26 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-27 | 2,5,10,15 | 2', 5' | 2', 5' | 2' | 2' | 2' | 5', 15' | -- | -- |
| SB-28 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-29 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| SB-30 | 2,5,10,15 | 2', 5' | 2', 5' | 2' | 2' | 2' | 5', 15' | -- | -- |
| SB-31 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | -- | -- | -- |
| SB-32 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | -- | -- | -- |
| SB-33 | 2,5,10,15 | 2', 5' | 2', 5' | -- | 2' | 2' | 5', 15' | -- | -- |
| Mobilization Two - Focused Investigation | | | | | | | | | |
| HP-1 | 5,10,15,20,30,40 | 10', 20', 30', 40' | -- | -- | -- | -- | -- | 5', 15', 30', 40' | GW |
| HP-2 | 5,10,15,20,30,40 | 10', 20', 30', 40' | -- | -- | -- | -- | -- | 5', 15', 30', 40' | GW |
| HP-3 | 5,10,15,20,30,40 | 10', 20', 30', 40' | -- | -- | -- | -- | -- | 5', 15', 30', 40' | GW |
| HP-4 | 5,10,15,20,30,40 | 10', 20', 30', 40' | -- | -- | -- | -- | -- | 5', 15', 30', 40' | GW |

Key:

-- = not applicable

bgs = below ground surface

# Table 2, Summary of VOCs and TPH in Soil Samples
# South El Monte Parcels

| Boring Number | Sample Depth | Sample Date | VOCs (µg/kg) | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | Cis-1,2-DCE | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | Naphthalene | Other VOCs | C6-C12 | C13-C22 | C23-C44 |
| | *Soil Screening Level* | | *2,700* | *6,100* | *85,000* | *1,400* | *5,300,000* | *26,000* | *2,500,000* | *11,000* | *1,510,000* | *16,000* | *670,000,000* | *30,000* | *200,000,000* | *9,900,000* | *140,000,000* | *17,000* | | *2,000* | *1,200* | *180,000* |
| SB-1 | 2 | 8/22/2020 | 0.40 J | ND<3.9 | ND<3.9 | 3.7 J | 2.5 J | 0.47 J | 0.99 J | ND<3.9 | ND<3.9 | ND<3.9 | ND<78 | ND<3.9 | 4.1 J | ND<3.9 | ND<3.9 | 0.21 J | ND | ND<10 | ND<10 | 49 B |
| | 5 | 8/22/2020 | ND<4.5 | ND<4.5 | ND<4.5 | 0.57 J | 0.22 J | 0.21 J | 1.1 J | ND<4.5 | ND<4.5 | ND<4.5 | ND<89 | ND<4.5 | 3.7 J | ND<4.5 | ND<4.5 | 0.16 J | ND | ND<10 | ND<10 | 8.9 B,J |
| SB-2 | 2 | 8/22/2020 | ND<4.9 | ND<4.9 | ND<4.9 | 9.2 | 5.9 | 0.89 J | 1.5 J | ND<4.9 | ND<4.9 | ND<4.9 | 110 | ND<4.9 | 15 J | ND<4.9 | ND<4.9 | 0.37 J | ND | ND<10 | ND<10 | 16 B |
| | 5 | 8/22/2020 | ND<5.0 | ND<5.0 | ND<5.0 | 9.8 | 4.6 J | 0.61 J | 0.91 J | ND<5.0 | ND<5.0 | ND<5.0 | 68 J | ND<5.0 | 8.7 J | ND<5.0 | ND<5.0 | ND<5.0 | ND | ND<10 | ND<10 | ND<10 |
| SB-3 | 10 | 8/21/2020 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | 0.91 J | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | ND<91 | ND<4.5 | 1.5 J | ND<4.5 | ND<4.5 | ND<4.5 | ND | ND<10 | ND<10 | ND<10 |
| | 15 | 8/21/2020 | ND<5.7 | ND<5.7 | ND<5.7 | 0.28 J | 0.26 J | ND<5.7 | ND<5.7 | ND<5.7 | ND<5.7 | ND<5.7 | ND<110 | ND<5.7 | 2.0 J | ND<5.7 | ND<5.7 | ND<5.7 | ND | ND<9.9 | ND<9.9 | ND<9.9 |
| SB-4 | 2 | 8/21/2020 | ND<4.8 | ND<4.8 | ND<4.8 | 6.4 | 3.2 J | 0.49 J | 1.2 J | ND<4.8 | ND<4.8 | ND<4.8 | 63 J | ND<4.8 | 10 J | ND<4.8 | ND<4.8 | ND<4.8 | ND | ND<10 | ND<10 | 22 B |
| | 5 | 8/21/2020 | ND<4.2 | ND<4.2 | ND<4.2 | 11 | 4.0 J | 0.36 J | 0.77 J | ND<4.2 | ND<4.2 | ND<4.2 | ND<4.2 | ND<4.2 | 11 J | ND<4.2 | ND<4.2 | ND<4.2 | ND | ND<9.9 | ND<9.9 | 32 B |
| SB-5 | 2 | 8/21/2020 | 1.5 J | 0.26 J | ND<5.3 | 13 | 25 | 2.5 J | 8.4 J | ND<5.3 | ND<5.3 | ND<5.3 | 140 | ND<5.3 | 15 J | ND<5.3 | 1.7 J | ND<5.3 | ND | ND<10 | ND<10 | 70 |
| | 5 | 8/21/2020 | 0.35 J | ND<4.9 | ND<4.9 | 0.96 J | 8.0 | ND<4.9 | ND<4.9 | ND<4.9 | ND<4.9 | ND<4.9 | ND<4.9 | ND<4.9 | 4.3 J | ND<4.9 | ND<4.9 | ND<4.9 | ND | ND<10 | ND<10 | 4.9 B,J |
| SB-6 | 2 | 8/22/2020 | 0.59 J | ND<3.9 | ND<3.9 | 7.8 | 6.3 | 1.1 J | 1.8 J | 0.27 J | ND<3.9 | ND<3.9 | 77 J | ND<3.9 | 8.7 J | ND<3.9 | ND<3.9 | 0.19 J | ND | ND<10 | ND<10 | ND<10 |
| | 5 | 8/22/2020 | 0.64 J | 1.0 J | ND<6.4 | 2.9 J | 0.65 J | ND<6.4 | ND<6.4 | ND<6.4 | ND<6.4 | ND<6.4 | ND<6.4 | ND<6.4 | 7.5 J | ND<6.4 | ND<6.4 | ND<6.4 | ND | ND<10 | ND<10 | ND<10 |
| SB-7 | 2 | 8/22/2020 | 0.40 J | ND<5.0 | ND<5.0 | ND<5.0 | 0.22 J | ND<5.0 | 0.24 J | 1.6 J | ND<5.0 | ND<5.0 | 92 J | 3.0 J | 15 J | ND<5.0 | ND<5.0 | ND<5.0 | ND | ND<20 | ND<20 | 50 B |
| | 5 | 8/22/2020 | 7.1 | 2.9 J | ND<4.5 | 5.8 | 4.5 | 0.77 J | 1.1 J | ND<4.5 | ND<4.5 | ND<4.5 | 130 | 2.3 J | 9.2 J | ND<4.5 | ND<4.5 | ND<4.5 | ND | ND<10 | 4.5 J | ND<10 |
| SB-8 | 2 | 8/21/2020 | 0.35 J | 1.2 J | ND | 4.9 | 3.7 J | 1.4 J | 3.9 J | 3.8 J | 2.5 J | ND | 190 | ND | 28 J | 0.95 J | ND | 0.59 B,J | 1,1,2,2-TCE = 12; Propylbenzene = 0.62 J; sec-Butylbenzene = 0.43 J; para-Isopropyl Toluene = 1.3 J; n-Butylbenzene = 0.77 J | ND<50 | 100 | 1,400 |
| | 5 | 8/21/2020 | 0.87 J | 0.74 J | ND<4.1 | 13 | 11 | 1.9 J | 2.9 J | 0.33 J | ND<4.1 | ND<4.1 | 50 J | ND<4.1 | 8.8 J | ND<4.1 | ND<4.1 | 0.17 B,J | ND | ND<9.9 | ND<9.9 | 5.7 B,J |
| SB-9 | 2 | 8/21/2020 | ND<4.8 | 0.30 J | ND<4.8 | 14 | 9.3 | 1.4 J | 2.1 J | 0.30 J | ND<4.8 | ND<4.8 | 120 | ND<4.8 | 18 J | ND<4.8 | ND<4.8 | ND<4.8 | ND | ND<10 | ND<10 | ND<10 |
| | 5 | 8/21/2020 | ND<5.1 | ND<5.1 | ND<5.1 | 4.2 J | 4.4 J | 0.93 J | 1.8 J | 0.30 J | ND<5.1 | ND<5.1 | ND<5.1 | ND<5.1 | 5.5 J | ND<5.1 | 0.74 J | 0.30 B,J | ND | ND<10 | ND<10 | 4.5 J |
| SB-10 | 2 | 8/21/2020 | 1.3 J | 2.8 J | ND<5.6 | 8.0 | 6.3 | 1.2 J | 3.1 J | ND<5.6 | ND<5.6 | ND<5.6 | 190 | 2.8 J | 17 J | ND<5.6 | 0.69 J | 0.24 B,J | TBA = 10 | ND<110 | 180 | 850 |
| | 5 | 8/21/2020 | ND<4.9 | ND<4.9 | ND<4.9 | 6.7 | 6.2 | 1.3 J | 2.2 J | ND<4.9 | ND<4.9 | ND<4.9 | ND<98 | ND<4.9 | 7.2 J | ND<4.9 | ND<4.9 | ND<4.9 | ND | ND<10 | ND<10 | 12 |
| SB-11 | 2 | 8/21/2020 | 230 J | 390 | 640 | 15 J | 5,700 | 330 | 2,800 | 1,100 | 610 | 46 J | 1,400 B, J | 200 B,J | 880 J | 47 J | 1,300 | 360 J | Chloromethane = 40 B,J Vinyl Chloride = 100 J; Trans-1,2-DCE = 36 J; 1,1,1-TCA = 27 J; 1,2-DCA = 21 J; Chlorobenzene = 7.8 J; Propylbenzene = 88 J | 27 J | 350 | 1,100 |
| | 5 | 8/21/2020 | ND<4.2 | 2.4 J | 3.7 J | 8.6 | 8.8 | 2.0 J | 3.3 J | 0.43 J | ND | 0.74 J | 75 J | ND<4.2 | 12 J | ND<4.2 | 6.2 | ND<4.2 | TBA = 66; Vinyl Chloride = 0.94 J; MTBE = 0.85 J; | ND<10 | 4.2 J | ND<10 |
| SB-12 | 2 | 8/21/2000 | ND<4.4 | 1.7 J | 2.4 J | 20 | 20 | 4.5 | 8.0 J | 0.85 J | ND<4.4 | ND<4.4 | 49 J | ND<4.4 | 10 J | 0.43 J | ND<4.4 | 0.77 J | Propylbenzene = 0.43 J | ND<10 | ND<10 | ND<10 |
| | 5 | 8/21/2020 | 0.48 J | 6.0 | 8.8 | 5.9 | 3.2 J | 0.48 J | 0.23 J | ND<3.6 | ND<3.6 | 0.39 J | 48 J | ND<3.6 | 8.2 J | ND<3.6 | ND<3.6 | ND<3.6 | ND | ND<10 | ND<10 | ND<10 |
| SB-13 | 2 | 8/21/2020 | 1.1 J | 2.6 J | ND<4.8 | 1.4 J | 1.5 J | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | 200 | ND<4.8 | 20 J | 78 | ND<4.8 | ND<4.8 | TBA = 12; Styrene = 2.4 J | ND<50 | 80 | 390 |
| | 5 | 8/21/2020 | ND<4.5 | 2.1 J | 1.5 J | 9.2 | 6.6 | 1.4 J | 2.3 J | ND<4.5 | ND<4.5 | ND<4.5 | 110 | ND<4.5 | 13 J | 2.1 J | ND<4.5 | ND<4.5 | TBA = 9.9 | ND<10 | ND<10 | ND<10 |
| | 10 | 8/21/2020 | ND<4.5 | ND<4.5 | ND<4.5 | 3.3 J | 2.4 J | 0.53 J | 0.29 | ND<4.5 | ND<4.5 | ND<4.5 | ND<91 | ND<4.5 | 5.1 J | ND<4.5 | ND<4.5 | ND<4.5 | ND | ND<10 | ND<10 | ND<10 |
| SB-14 | 2 | 8/21/2020 | 18 | 8.9 | ND<6.0 | 0.59 J | 0.81 J | 0.63 J | 1.5 J | ND<6.0 | ND<6.0 | 2.4 J | 170 | ND<6.0 | 32 J | ND<6.0 | 5.4 J | 1.4 J | TBA = 12; TCFM = 0.56 J; Freon 113 = 0.92 J; 1,1- DCE = 0.23 J; 1,1,1-TCA = 35 Styrene = 2.5 J | ND<10 | **1,400** | 4,500 |
| | 5 | 8/21/2020 | 32 | 6.5 | 2.0 J | 5.6 | 7.6 | 100 | 100 | 12 | 7.6 | 3.7 J | 310 | 0.37 J | 52 J | 4.2 J | 6.7 | ND<5.1 | TBA = 24; 1,1,1-TCA = 4.8 J; Styrene= 3.0; Propylbenzene = 3.4 J; sec-Butylbenzene = 1.2 J; para-Isopropyl Toluene = 1.6 J; n-Butylbenzene = 1.4 J | ND<10 | ND<10 | ND<10 |
| SB-15 | 2 | 8/22/2020 | 0.66 J | 3.2 | ND<5.3 | 0.70 J | 0.79 J | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | 70 J | ND<5.3 | 11 J | ND<5.3 | ND<5.3 | ND<5.3 | ND | ND<10 | ND<10 | ND<10 |
| | 5 | 8/22/2020 | ND<6.0 | ND<6.0 | ND<6.0 | 0.69 J | ND<6.0 | ND<6.0 | ND<6.0 | ND<6.0 | ND<6.0 | ND<6.0 | 82 J | ND<6.0 | 10 J | ND<6.0 | ND<6.0 | ND<6.0 | ND | ND<10 | ND<10 | ND<10 |

# Table 2, Summary of VOCs and TPH in Soil Samples
# South El Monte Parcels

| Boring Number | Sample Depth | Sample Date | VOCs (µg/kg) | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | Cis-1,2-DCE | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | Naphthalene | Other VOCs | C6-C12 | C13-C22 | C23-C44 |
| *Soil Screening Level* | | | *2,700* | *6,100* | *85,000* | *1,400* | *5,300,000* | *26,000* | *2,500,000* | *11,000* | *1,510,000* | *16,000* | *670,000,000* | *30,000* | *200,000,000* | *9,900,000* | *140,000,000* | *17,000* | | *2,000* | *1,200* | *180,000* |
| SB-16 | 2 | 8/21/2020 | 1.9 J | 0.61 J | ND<4.6 | 1.4 J | 11 | 48 | 57 | 15 | 8.4 | 0.63 J | 160 | ND<4.6 | 21 J | 4.0 J | ND<4.6 | 3.4 J | TBA = 13; Propylbenzene = 5.0; sec-Butylbenzene = 1.5 J; para-Isopropyl Toluene = 2.3 J; n-Butylbenzene = 2.5 J | ND<10 | 4,900 | 13,000 |
| | 5 | 8/21/2020 | ND<4.7 | ND<4.7 | 0.65 J | 9.7 | 9.2 | 2.7 J | 6.3 J | 0.92 J | 0.42 J | 0.51 J | ND<94 | ND<4.7 | 7.8 J | ND<4.7 | ND<4.7 | ND<4.7 | TBA = 8.5 J | ND<10 | ND<10 | ND<10 |
| SB-17 | 2 | 8/22/2020 | 3.3 J | 13 | 5.0 | 1.3 J | 43 | 120 | 99 | 31 | 12 | 34 | 500 | ND<4.1 | 72 J | 2.1 J | 16 | 3.6 J | TBA = 48; Vinyl Chloride = 1.1 J; MTBE = 8.9; Chlorobenzene = 0.56 J Propylbenzene = 4.0 J; para-Isopropyl Toluene = 2.1 J; 1,2-DCB = 5.6 1,3-DCB = 0.70 J; 1,4-DCB = 1.7 J n-Butylbenzene = 2.4 J; 1,2,4-TCB = 5.2 | ND<10 | ND<10 | 5.5 J |
| | 5 | 8/22/2020 | ND<5.3 | 1.0 J | 1.1 J | 9.9 | 14 | 53 | 40 | 8.5 | 3.3 J | 4.3 J | 150 | ND<5.3 | 19 | 0.76 J | 2.6 J | 1.4 J | TBA = 83; Vinyl Chloride = 0.54 J; Chloroethane = 0.81 J; MTBE = 15; Chlorobenzene = 0.49 J Propylbenzene = 1.0 J para-Isopropyl Toluene = 0.62 J; 1,2-DCB = 0.58 J 1,4-DCB = 1.7 J n-Butylbenzene = 0.78 J; 1,2,4-TCB = 2.4 J | 8.2 J | 50 | 130 |
| SB-18 | 2 | 8/22/2020 | 63 | 130 | 48 | 7.6 | 5.7 | 1.2 J | 2.4 J | 0.52 J | ND<5.3 | 15 | 110 J | ND<5.3 | 17 J | ND<5.3 | ND<5.3 | ND<5.3 | Vinyl Chloride = 0.51 J; Freon 113 = 4.6 J; Trans-1,2-DCE = 1.6 J; 1,2-DCP = 1.5 J; 1,2-DCB = 0.63 J | ND<10 | 5.3 J | 17 |
| | 5 | 8/22/2020 | 4.1 J | 15 | 22 | 4.6 J | 3.3 J | 0.64 J | 0.33 J | ND<5.0 | ND<5.0 | 6.1 | ND<100 | ND<5.0 | 5.8 J | ND<5.0 | ND<5.0 | ND<5.0 | Vinyl Chloride = 0.94 J; 1,2-DCP = 0.95 J; | ND<10 | ND<10 | 6.7 J |
| SB-19 | 2 | 8/21/2020 | 1.1 J | 3.0 J | 8.6 | 21 | 65 | 23 | 83 | 8.3 | 4.0 J | 21 | 210 | ND<7.8 | 17 J | 1.9 J | 4.4 J | ND<7.8 | TBA = 18; Vinyl Chloride = 30; 1,1-DCE = 3.0 J; Trans-1,2-DCE = 0.82 J; 1,2-DCA = 0.96 J; Propylbenzene = 1.7 J; para-Isopropyl Toluene = 1.0 J; n-Butylbenzene = 1.7 J | 9.4 | 58 | 98 |
| | 5 | 8/21/2020 | ND<4.6 | ND<4.6 | ND<4.6 | 3.3 J | 6.2 | 1.5 J | 4.7 J | ND<4.6 | ND<4.6 | ND<4.6 | ND<93 | ND<4.6 | 5.0 J | ND<4.6 | ND<4.6 | ND<4.6 | TBA = 9.8 | ND<10 | ND<10 | ND<10 |
| SB-20 | 2 | 8/21/2020 | 0.30 J | 1.5 J | 1.2 J | 4.4 | 55 | 40 | 60 | 100 | 30 | 3.1 J | ND<100 | 2.5 J | 23 J | 6.3 | ND<4.1 | 5.8 | TBA = 19; Vinyl Chloride = 10; Chloroethane = 0.32 J; Trans-1,2-DCE = 0.43 J Chlorobenzene = 0.23 J; Propylbenzene = 11 tert-Butylbenzene = 1.0 J sec-Butylbenzene = 11 J; para-Isopropyl Toluene = 20; n-Butylbenzene = 15 | 150 | 510 | 960 |
| | 5 | 8/21/2020 | ND<5.0 | ND<5.0 | ND<5.0 | 1.1 J | 0.66 J | ND<5.0 | ND<5.0 | 1.5 J | 0.58 J | ND<5.0 | 58 J,b | ND<5.0 | 7.3 J | ND<5.0 | ND<5.0 | 2.1 J | TBA = 18; sec-Butylbenzene = 0.44 J para-Isopropyl Toluene = 1.0 J; n-Butylbenzene = 0.71 J | ND<10 | ND<10 | ND<10 |
| SB-21 | 2 | 8/21/2020 | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 0.7 J | ND<5.0 | 1.6 J | 0.8 J | ND<5.0 | ND<5.0 | 180 | ND<5.0 | 42 J | ND<5.0 | 46 | 1.0 B,J | Methylene Chloride = 1.7 J | ND<10 | 35 | 51 |
| | 5 | 8/21/2020 | 4,100 | 1,200 | 110 J | 110 J | 49,000 | 12,000 | 75,000 | 13,000 | 3,500 | ND<1,000 | ND<20,000 | ND<1,000 | 380 J | 1,200 | ND<1,000 | 730 J | Propylbenzene = 1,900; para-Isopropyl Toluene = 410 J; n-Butylbenzene = 800 J | 240 | 1,500 | 1,700 |

# Table 2, Summary of VOCs and TPH in Soil Samples
# South El Monte Parcels

| Boring Number | Sample Depth | Sample Date | VOCs (µg/kg) | | | | | | | | | | | | | | | | TPH (mg/kg) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PCE | TCE | Cis-1,2-DCE | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | 1,3,5-TMB | 1,1-DCA | Acetone | Bromomethane | 2-Butanone | Isopropylbenzene | 4-Methyl 2-Pentanone | Naphthalene | Other VOCs | C6-C12 | C13-C22 | C23-C44 |
| *Soil Screening Level* | | | *2,700* | *6,100* | *85,000* | *1,400* | *5,300,000* | *26,000* | *2,500,000* | *11,000* | *1,510,000* | *16,000* | *670,000,000* | *30,000* | *200,000,000* | *9,900,000* | *140,000,000* | *17,000* | | *2,000* | *1,200* | *180,000* |
| SB-21 | 10 | 8/21/2020 | 0.30 J | 0.30 J | 0.38 J | 2.6 J | 5.8 | 3.4 J | 14 | 1.0 J | 0.25 J | 3.2 J | 57 J | ND<4.8 | 17 J | ND<4.8 | ND<4.8 | 0.49 J | TBA = 19; Vinyl Chloride = 1.2 J; MTBE = 0.36 J; 1,1,1-TCA = 0.21 J; 2-Chlorotoluene = 1.7 J | ND<10 | 9.7 J | 6.5 J |
| SB-22 | 2 | 8/21/2020 | ND<4.4 | ND<4.4 | ND<4.4 | ND<4.4 | 0.63 J | ND<4.4 | ND<4.4 | ND<4.4 | ND<4.4 | ND<4.4 | ND<88 | ND<4.4 | 5.6 J | ND<4.4 | ND<4.4 | ND<4.4 | ND | ND<10 | ND<10 | ND<10 |
| | 5 | 8/21/2020 | ND<5.2 | ND<5.2 | ND<5.2 | 13 | 16 | 3.7 J | ND<5.2 | 1.0 J | 0.33 J | ND<5.2 | 67 J,b | ND<5.2 | 8.8 J | 0.34 J | 0.82 J | 0.66 B,J | Propylbenzene = 0.41 J | ND<10 | ND<10 | 6.8 J |
| SB-23 | 2 | 8/21/2020 | 69 J | ND,1,500 | ND,1,500 | ND,1,500 | 2,400 | 4,100 | 33,000 | 33,000 | 9,900 | ND,1,500 | ND<30,000 | ND,1,500 | 1,800 J | 500 J | 3,200 | 6,300 | Methylene Chloride = 2,100; 1,1,1-TCA = 1,700; Propylbenzene = 2,100; sec-Butylbenzene = 1,500; para-Isopropyl Toluene = 590 J n-Butylbenzene = 6,500 | **2,600** | **8,500** | 33,000 |
| | 5 | 8/21/2020 | ND<5.7 | ND<5.7 | ND<5.7 | 7.1 | 5.6 J | 1.1 J | 2.1 J | ND<5.7 | ND<5.7 | ND<5.7 | ND<110 | ND<5.7 | 7.1 J | ND<5.7 | ND<5.7 | 0.31 J | ND | ND<9.9 | 4.5 J | 18 |
| SB-24 | 2 | 8/21/2020 | 2.2 J | ND<5.8 | ND<5.8 | 9.5 | 8.4 | 1.3 J | 2.1 J | 0.39 J | ND<5.8 | ND<5.8 | ND<5.8 | ND<5.8 | 14 J | ND<5.8 | ND<5.8 | 0.19 B,J | ND | ND<20 | ND<20 | 74 |
| | 5 | 8/21/2020 | 0.98 J | ND<5.6 | ND<5.6 | 8.2 | 6.3 | 1.1 J | 1.9 J | ND<5.6 | ND<5.6 | ND<5.6 | ND<110 | ND<5.6 | 6.6 J | ND<5.6 | ND<5.6 | ND<5.6 | ND | ND<10 | ND<10 | 10 |
| SB-25 | 2 | 8/21/2020 | 0.38 J | ND<4.9 | ND<4.9 | 1.6 J | ND<4.9 | 49 | 230 | 0.30 J | ND<4.9 | ND<4.9 | 90 J,b | ND<4.9 | 10 J | 0.68 J | ND<4.9 | 0.40 B,J | ND | ND<10 | ND<10 | 16 |
| | 5 | 8/21/2020 | 1.5 J | ND<4.8 | ND<4.8 | 0.89 J | 0.50 J | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<96 | ND<4.8 | 3.2 J | ND<4.8 | ND<4.8 | ND<4.8 | ND | ND<10 | ND<10 | 9.7 J |
| SB-26 | 2 | 8/21/2020 | 44 | 3.3 J | ND<7.1 | 14 | 11 | 1.9 J | 2.8 J | 0.50 J | ND<7.1 | ND<7.1 | 110 J,b | ND<7.1 | 14 J | ND<7.1 | ND<7.1 | ND<7.1 | ND | ND<10 | 16 | 37 |
| | 5 | 8/21/2020 | 10 | 0.83 J | ND<6.8 | 3.7 J | 3.4 J | 0.41 | 1.3 J | 0.54 J | ND<6.8 | ND<6.8 | ND<100 | ND<6.8 | 35 J | ND<6.8 | 1.1 J | ND<6.8 | TBA = 36 | ND<50 | ND<50 | 130 |
| SB-27 | 2 | 8/21/2020 | 5.7 | 7.5 | 0.22 J | ND<4.8 | 0.32 J | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<96 | ND<4.8 | 5.1 J | ND<4.8 | ND<4.8 | ND<4.8 | TBA = 10 | ND<10 | 40 | 400 |
| | 5 | 8/21/2020 | 6.3 | 10 | 2.5 J | 9.8 | 7.9 | 1.6 J | 2.6 J | 0.35 J | ND<5.4 | 1.6 J | ND<5.4 | 2.6 B,J | 6.8 J | ND<5.4 | 0.19 J | 0.24 J | ND | ND<10 | ND<10 | 8.6 J |
| SB-28 | 2 | 8/21/2020 | 52 | 21 | 2.4 J | ND<6.0 | 0.54 J | ND<6.0 | ND<6.0 | ND<6.0 | ND<6.0 | 0.62 J | ND<120 | 2.9 B,J | 5.7 J | ND<6.0 | 0.21 J | ND<6.0 | Freon 113 = 6.0 | ND<100 | ND<100 | 300 |
| | 5 | 8/21/2020 | 24 | 3.7 J | 2.3 J | 4.0 J | 3.7 J | 0.73 J | 1.2 J | ND<4.2 | ND<4.2 | 0.23 J | ND<83 | ND<4.2 | 3.3 J | ND<4.2 | ND<4.2 | 0.19 J | ND | ND<10 | ND<10 | 11 |
| SB-29 | 2 | 8/21/2020 | 140 | 11 | 0.21 J | 0.38 J | 0.41 J | 0.29 J | 1.3 J | ND<4.3 | ND<4.3 | ND<4.3 | 130 | 2.0 B,J | 26 J | ND<4.3 | ND<4.3 | 0.15 J | TBA = 12; 1,1,1-TCA = 0.18 J | ND<10 | ND<10 | 17 |
| | 5 | 8/21/2020 | 92 | 10 | 1.1 J | 5.4 J | 3.7 J | 0.66 J | 1.2 J | ND<6.1 | ND<6.1 | 0.39 J | ND<120 | ND<6.1 | 5.0 J | ND<6.1 | ND<6.1 | ND<6.1 | ND | ND<10 | ND<10 | 8.5 J |
| SB-30 | 2 | 8/22/2020 | 4.8 J | 0.48 J | ND<5.7 | 0.37 J | 0.46 J | ND<5.7 | 0.89 J | ND<5.7 | ND<5.7 | ND<5.7 | 63 J | ND<5.7 | 8.2 J | ND<5.7 | ND<5.7 | ND<5.7 | ND | ND<20 | ND<20 | 70 B |
| | 5 | 8/22/2020 | 37 | 4.5 | ND<4.2 | 8.9 | 4.2 | 0.55 J | 0.77 J | ND<4.2 | ND<4.2 | ND<4.2 | ND<83 | ND<4.2 | 7.9 J | ND<4.2 | ND<4.2 | ND<4.2 | 1,1,1-TCA = 0.40 J | ND<10 | ND<10 | 11 B |
| SB-31 | 2 | 8/22/2020 | 11 | 0.29 J | ND<6.0 | 0.27 J | ND<6.0 | ND<6.0 | ND<6.0 | ND<6.0 | ND<6.0 | ND<6.0 | ND<120 | ND<6.0 | 7.6 J | ND<6.0 | ND<6.0 | ND<6.0 | ND | ND<50 | ND<50 | 98 B |
| | 5 | 8/22/2020 | 39 | 2.4 J | ND<5.4 | 1.9 J | 0.35 J | ND<5.4 | ND<5.4 | ND<5.4 | ND<5.4 | ND<5.4 | ND<110 | ND<5.4 | 5.6 J | ND<5.4 | ND<5.4 | ND<5.4 | 1,1,1-TCA = 0.41 J | ND<10 | ND<10 | 14 B |
| SB-32 | 2 | 8/22/2020 | 8.0 | ND<6.4 | ND<6.4 | 0.24 J | ND<6.4 | ND<6.4 | ND<6.4 | ND<6.4 | ND<6.4 | ND<6.4 | ND<130 | ND<6.4 | 4.6 J | ND<6.4 | 0.34 J | ND<6.4 | ND | ND<200 | ND<200 | 930 |
| | 5 | 8/22/2020 | 45 | 1.8 J | ND<4.7 | 2.8 J | 0.55 J | ND<4.7 | ND<4.7 | ND<4.7 | ND<4.7 | ND<4.7 | 56 J | ND | 7.4 J | ND | ND | ND | 1,1,1-TCA = 0.36 J | ND<10 | ND<10 | 11 B |
| SB-33 | 2 | 8/22/2020 | 43 | 1.9 J | ND<4.8 | 11 | 6.9 | 0.99 J | 1.6 J | ND<4.8 | ND<4.8 | ND<4.8 | 50 J,b | ND<4.8 | 7.6 J | ND<4.8 | ND<4.8 | ND<4.8 | 1,1,1-TCA = 0.25 J | ND<10 | 4.5 J | 14 B |
| | 5 | 8/22/2020 | 35 | 1.6 J | ND<6.0 | 10 | 6.1 | 0.92 J | 1.2 J | ND<6.0 | ND<6.0 | ND<6.0 | ND<120 | ND<6.0 | 10 J | ND<6.0 | ND<6.0 | ND<6.0 | ND | ND<10 | ND<10 | 10 B |

Key:

-- = not applicable

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) for Commercial/Industrial Soils, 2019

B = Constituent found in associated method blank

J = Estimated value; concentration above the method detection limit but below the reporting limit

ND<"X "= not detected above the method or reporting limit "X"

mg/kg - milligrams per kilogram

µg/kg = micrograms per kilogram

**RED** = at or exceeds screening level

USEPA = United Stated Environmental Protection Agency

**Table 3, Summary of Polychlorinated Biphenyls in Soil Samples**
**South El Monte Parcels**

| Boring Number | Sample Depth (feet bgs) | Sample Date | PCB1016 (µg/kg) | PCB1221 (µg/kg) | PCB1232 (µg/kg) | PCB1242 (µg/kg) | PCB1248 (µg/kg) | PCB1254 (µg/kg) | PCB1260 (µg/kg) | PCB1262 (µg/kg) | PCB1268 (µg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | USEPA 8082 | | | | | | | | |
| *Soil Screening Levels* [(a)] | | | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* | *940* |
| SB-1 | 2 | 8/22/2020 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 |
| SB-4 | 2 | 8/21/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| SB-10 | 5 | 8/21/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| SB-11 | 2 | 8/21/2020 | ND<250 | ND<250 | ND<250 | ND<250 | ND<250 | **1,900** | ND<250 | ND<250 | ND<250 |
| | 5 | 8/21/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| | 10 | 8/21/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| | 15 | 8/21/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| SB-12 | 2 | 8/21/2020 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 | ND<49 |
| SB-13 | 2 | 8/21/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | **790 H** | ND<50 | ND<50 | ND<50 |
| SB-14 | 2 | 8/21/2020 | ND<1,200 | ND<1,200 | ND<1,200 | ND<1,200 | ND<1,200 | **22,000** | ND<1,200 | ND<1,200 | ND<1,200 |
| | 5 | 8/21/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| | 10 | 8/21/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| | 15 | 8/21/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |
| SB-15 | 2 | 8/22/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | **290 J** | ND<50 | ND<50 | ND<50 |
| SB-16 | 2 | 8/21/2020 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | **22,000 H** | ND<1,000 | ND<1,000 | ND<1,000 |
| | 5 | 8/21/2020 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 | ND<100 |
| SB-17 | 2 | 8/22/2020 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 |
| SB-20 | 2 | 8/21/2020 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 |
| SB-27 | 2 | 8/21/2020 | ND<510 | ND<510 | ND<510 | ND<510 | ND<510 | ND<510 | ND<510 | ND<510 | ND<510 |
| SB-30 | 2 | 8/22/2020 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 | ND<50 |

Key:
-- = not applicable
(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) for Commercial/Industrial Soils, 2019
bgs = below ground surface
J = Estimated value; concentration above the method detection limit but below the reporting limit
ND<"X "= not detected above the method or reporting limit "X"
µg/kg = micrograms per kilogram
**RED** = at or exceeds screening level
USEPA = United Stated Environmental Protection Agency

**Table 4, Summary of Polynuclear Aromatic Hydrocarbons in Soil Samples**
**South El Monte Parcels**

| Boring Number | Sample Depth (feet bgs) | Date | 1-Methyl-naphthalene (µg/kg) | 2-Methyl-naphthalene (µg/kg) | Acenaphthene (µg/kg) | Acenaphthylene (µg/kg) | Anthracene (µg/kg) | Benzo (a)anthracene (µg/kg) | Benzo (a)pyrene (µg/kg) | Benzo (b)fluoranthene (µg/kg) | Benzo (k)fluoranthene (µg/kg) | Benzo(g,h,i) perylene (µg/kg) | Chrysene (µg/kg) | Dibenz(a,h) anthracene (µg/kg) | Fluoranthene (µg/kg) | Fluorene (µg/kg) | Indeno (1,2,3-cd)pyrene (µg/kg) | Naphthalene (µg/kg) | Phenanthrene (µg/kg) | Pyrene (µg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | USEPA 8270C-SIM | | | | | | | | | | | | | | | | | |
| *Soil Screening Levels [a]* | | | *73,000 [b]* | *3,000,000* | *45,000,000* | *--* | *230,000,000* | *20,000* | *2,100* | *21,000* | *210,000* | *--* | *2,100,000* | *2,100* | *30,000,000* | *30,000,000* | *21,000* | *17,000* | *--* | *23,000,000* |
| SB-2 | 2 | 8/22/2020 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | **11 B,J** | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | **1.6 B,J** |
| SB-3 | 10 | 8/21/2020 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 |
| SB-4 | 2 | 8/21/2020 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | **24 B,J** | ND<40 | **5.3 B,J** | ND<40 | **5.9 B,J** | ND<40 | ND<40 | ND<40 | **7.0 B,J** | **7.6 B,J** |
| SB-5 | 2 | 8/21/2020 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 |
| SB-6 | 2 | 8/22/2020 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | **21 B,J** | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 |
| SB-7 | 2 | 8/22/2020 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 |
| SB-8 | 2 | 8/21/2020 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | **170 J** | **160 J,b** | **160 J** | **130 J** | **110 J** | **130 J** | **110 J** | **140 J** | ND<500 | **130 J** | ND<500 | ND<500 | **120 B,J** |
| SB-9 | 2 | 8/21/2020 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | **1.1 B,J** |
| SB-10 | 2 | 8/21/2020 | ND<500 | ND<500 | ND<500 | ND<500 | **97 J** | **210 J** | **290 J,b** | **270 J** | **170 J** | **190 J** | **270 J** | ND<500 | **370 J** | ND<500 | **250 J** | ND<500 | **200 J** | **390 J** |
| SB-11 | 2 | 8/21/2020 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | **97 J** | **100 J,b** | **110 J** | ND<500 | **63 J** | **130 J** | ND<500 | **100 B,J** | ND<500 | ND<500 | ND<500 | **78 J** | **130 B,J** |
| SB-12 | 2 | 8/21/2020 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | **6.0 J,b** | ND<10 | **5.4 J** | ND<10 | ND<10 | ND<10 | **0.99 B,J** | ND<10 | ND<10 | ND<10 | ND<10 | **1.4 B,J** |
| SB-13 | 2 | 8/21/2020 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | **57 J** | ND<500 | **95 J** | ND<500 | **65 J** | **100 J** | ND<500 | **93 B,J** | ND<500 | ND<500 | ND<500 | **130 J** | **88 B,J** |
| SB-14 | 2 | 8/21/2020 | **1,100** | **2,500** | **1,200** | ND<1,000 | **900 J** | **2,900** | **4,100** | **3,700** | **3,000** | **2,500** | **3,200** | **410 J,b** | **3,000** | **960 J** | **2,500** | **3,000** | **3,100 J** | **2,900** |
| SB-15 | 2 | 8/22/2020 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | **2.9 J** | **3.5 J** | **3.5 J** | **2.6 J** | **2.1 J** | **3.8 B,J** | ND<10 | **4.5 B,J** | ND<10 | **2.0 J** | ND<10 | **4.2 B,J** | **5.0 B,J** |
| SB-16 | 2 | 8/21/2020 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | **150 J** | ND<500 | ND<500 | ND<500 | **70 J** | **210** | ND<500 | **320 J** | **71 J** | ND<500 | ND<500 | **350 J** | **360 J** |
| SB-17 | 2 | 8/22/2020 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | **0.82 B, J** |
| SB-18 | 2 | 8/22/2020 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | **2.3 J** | ND<20 | ND<20 | ND<20 | ND<20 | **2.4 B,J** | ND<20 | **2.3 B,J** | ND<20 | ND<20 | ND<20 | **3.0 B,J** | **2.5 B,J** |
| SB-19 | 2 | 8/21/2020 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | **140 J** | **150 J** | ND<1,000 | **210 B,J** | ND<1,000 | ND<1,000 | ND<1,000 | **290 J** | **190 B,J** |
| SB-20 | 2 | 8/21/2020 | **32** | **52** | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | **4.4 J** | ND<10 | **2.6 B,J** | ND<10 | ND<10 | **20** | **2.5 J** | **2.3 B,J** |
| SB-21 | 2 | 8/21/2020 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | **13 B,J,b** | ND<20 | **12 B,J** | ND<20 | **1.8 B,J** | ND<20 | **3.3 B,J** | ND<20 | ND<20 | ND<20 | **4.2 B,J** | **4.6 B,J** |
| | 5 | 8/21/2020 | **130** | **230** | ND<40 | ND<40 | ND<40 | **33 J** | ND<40 | ND<40 | ND<40 | ND<40 | 78 | ND<40 | **40 B** | **35 J** | ND<40 | **370** | **160** | **65 B** |
| SB-22 | 2 | 8/21/2020 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | **4.6 J** | **4.6 J** | **5.9 J** | **5.4 J** | **5.1 J** | **4.4 J** | **6.9 J,b** | **3.4 B,J** | ND<10 | **5.1 J** | ND<10 | ND<10 | **3.7 B,J** |
| SB-23 | 2 | 8/21/2020 | ND<1,000 | 430 J | 170 J | ND<1,000 | ND<1,000 | **170 J** | ND<1,000 | 190 J | ND<1,000 | ND<1,000 | **420** | ND<1,000 | 430 J | 200 J | ND<1,000 | 2,400 | **760 J** | **490 J** |
| SB-24 | 2 | 8/21/2020 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | **3.9 J** | **17 B,J,b** | **5.1 J,b** | **14 B,J** | **21** | **5.0 B,J** | ND<20 | **5.6 B,J** | ND<20 | ND<20 | ND<20 | **4.5 B,J** | **6.3 B,J** |
| SB-25 | 2 | 8/21/2020 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | **15 J** | **18 B,J** | **16 J** | **15 B,J** | **12 J** | 19 J | ND<20 | **18 B,J** | ND<20 | **9.4 J** | **8.3 J** | **5.2 B,J** | **8.3 J** |
| SB-26 | 2 | 8/21/2020 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | 11 B,J,b | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 |
| SB-27 | 2 | 8/21/2020 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 | ND<2,000 |
| SB-28 | 2 | 8/21/2020 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 |
| SB-29 | 2 | 8/21/2020 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 | ND<40 |
| SB-30 | 2 | 8/22/2020 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 | ND<500 |
| SB-31 | 2 | 8/22/2020 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 |
| SB-32 | 2 | 8/22/2020 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 | ND<1,000 |
| SB-33 | 2 | 8/22/2020 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | **11 B, J** | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 | ND<20 |

Key:
-- = not established
(a) = San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for Commercial/Industrial Soils, 2019
(b) = United States Environmental Protection Agency (USEPA) Region IX Regional Screening Levels for Commercial/Industrial Soil, November 2019
B = Contamination found in associated method blank
b = High response was observed for in the continuing calibration verification (CCV) ; this analyte was not detected at or above the reporting limit in the associated samples
J = Estimated value; concentration above the method detection limit but below the reporting limit
ND<"X" = not detected above the method detection limit or reporting limit "X"
µg/kg = micrograms per kilogram

# Table 5, Summary of Metals in Soil Samples
# South El Monte Parcels

| Boring Number | Sample Depth | Sample Date | Antimony (mg/Kg) | Arsenic (mg/Kg) | Barium (mg/Kg) | Beryllium (mg/Kg) | Cadmium (mg/Kg) | Chromium (mg/Kg) | Cobalt (mg/Kg) | Copper (mg/Kg) | Lead (mg/Kg) | Molybdenum (mg/Kg) | Nickel (mg/Kg) | Selenium (mg/Kg) | Silver (mg/Kg) | Thallium (mg/Kg) | Vanadium (mg/Kg) | Zinc (mg/Kg) | Mercury |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | USEPA 6010B | | | | | | | | | | | | | | | | USEPA 7471A |
| | *Soil Screening Levels* [a] | | *160* | *12* [b] | *220,000* | *6,900* | *4,000* | *1,800,000* | *1,900* | *47,000* | *380* | *5,800* | *64,000* | *5,800* | *5,800* | *12* | *5,800* | *350,000* | *190* |
| SB-1 | 2 | 8/22/2020 | 1.8 J | 11 | 200 | 0.60 | ND<0.51 | 27 | 13 | 73 | 18 | 0.98 J | 22 | ND<3.0 | ND<0.51 | ND<3.0 | 49 | 74 | ND<0.13 |
| SB-2 | 2 | 8/22/2020 | ND<3.1 | 6.8 | 140 | 0.53 | ND<0.51 | 18 | 8.7 | 28 | 8.1 | ND<1.0 | 14 | ND<3.1 | ND<0.51 | ND<3.1 | 38 | 48 | 0.38 |
| SB-3 | 2 | 8/21/2020 | 1.8 J | 9.6 | 230 | 0.68 | ND<0.51 | 33 | 15 | 39 | 10 | ND<1.0 | 28 | ND<3.1 | ND<0.51 | ND<3.1 | 53 | 80 | 0.066 J |
| SB-4 | 2 | 8/21/2020 | 1.9 J | 7.4 | 200 | 0.64 | ND<0.51 | 32 | 14 | 42 | 10 | ND<1.0 | 26 | ND<3.0 | ND<0.51 | ND<3.0 | 50 | 75 | 0.055 J |
| SB-5 | 2 | 8/21/2020 | ND<2.9 | 8.6 | 160 | 0.47 J | ND<0.51 | 24 | 10 | 30 | 7.2 | ND<0.97 | 20 | ND<2.9 | ND<0.49 | ND<2.9 | 41 | 54 | 0.069 J |
| SB-6 | 2 | 8/22/2020 | ND<2.8 | 3.3 | 79 | 0.26 J | ND<0.46 | 12 | 6.4 | 20 | 6.2 | 0.87 J | 9.5 | ND<2.8 | ND<0.46 | ND<2.8 | 25 | 37 | ND<0.13 |
| SB-7 | 2 | 8/22/2020 | ND<3.0 | 3.9 | 74 | 0.50 | ND<0.50 | 12 | 5.5 | 9.9 | 4.8 | ND<0.99 | 7.8 | ND<3.0 | ND<0.50 | ND<3.0 | 33 | 33 | 0.050 J |
| SB-8 | 2 | 8/21/2020 | 1.7 J | 4.6 | 170 | 0.37 J | ND<0.49 | 20 | 9.3 | 43 | 25 | ND<0.97 | 16 | ND<2.9 | ND<0.49 | ND<2.9 | 37 | 65 | 0.14 |
| SB-9 | 2 | 8/21/2020 | ND<3.0 | 5.4 | 190 | 0.66 | ND<0.50 | 30 | 13 | 36 | 8.5 | ND<0.99 | 23 | ND<3.0 | ND<0.50 | ND<3.0 | 49 | 69 | 0.063 J |
| SB-10 | 5 | 8/21/2020 | 2.7 J | 18 | 170 | 0.55 | ND<0.46 | 25 | 10 | 24 | 8.4 | ND<0.93 | 18 | ND<2.8 | ND<0.46 | ND<2.8 | 47 | 60 | ND<0.13 |
| | 10 | 8/21/2020 | -- | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-11 | 2 | 8/21/2020 | 19 | 6.4 | 180 | 0.34 J | 1.0 | 88 | 10 | 61 | 2,400 | 11 | 15 | ND<2.8 | 0.28 J | ND<2.8 | 37 | 160 | 0.86 |
| | 5 | 8/21/2020 | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-12 | 2 | 8/21/2020 | 1.7 J | 6.6 | 200 | 0.55 | ND<0.50 | 26 | 13 | 30 | 8.3 | 0.80 J | 21 | ND<3.0 | ND<0.50 | ND<3.0 | 47 | 65 | 0.074 J |
| SB-13 | 2 | 8/21/2020 | 29 | 7.9 | 310 | 0.42 J | 0.81 | 110 | 8.1 | 54 | 2,300 | 18 | 16 | ND<3.2 | 1.4 | ND<3.2 | 28 | 110 | 0.33 |
| | 15 | 8/21/2020 | -- | -- | -- | -- | -- | -- | -- | -- | 3.6 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-14 | 5 | 8/21/2020 | ND<2.8 | 9.7 | 150 | 0.47 | ND<0.47 | 23 | 9.9 | 25 | 31 | ND<0.94 | 17 | ND<2.8 | ND<0.47 | ND<2.8 | 39 | 52 | ND<0.12 |
| SB-15 | 2 | 8/22/2020 | 4.8 | 7.9 | 110 | 0.23 J | 0.98 | 38 | 7.2 | 38 | 390 | 4.0 | 17 | ND<3.2 | 0.90 | ND<3.2 | 24 | 140 | 0.32 |
| | 5 | 8/22/2020 | -- | -- | -- | -- | -- | -- | -- | -- | 5.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-16 | 2 | 8/21/2020 | 13 | 8.1 | 2,200 | 0.32 J | 15 | 2,000 | 31 | 230 | 13,000 | 91 | 36 | ND<3.1 | 0.34 J | ND<3.1 | 31 | 1,100 | 1.1 |
| | 5 | 8/21/2020 | -- | -- | -- | -- | -- | -- | -- | -- | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-17 | 2 | 8/22/2020 | 1.6 | 4.8 | 130 | 0.40 J | ND<0.49 | 19 | 9.7 | 35 | 11 | 5.8 | 16 | ND<2.9 | ND<0.49 | ND<2.9 | 38 | 58 | 0.047 J |
| | 5 | 8/22/2020 | -- | -- | -- | -- | -- | -- | -- | -- | 9.5 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-18 | 2 | 8/22/2020 | ND<3.0 | 1.6 | 29 | 0.19 J | ND<0.50 | 6.6 | 3.8 | 8.9 | 4.5 | ND<1.0 | 5.0 | ND<3.0 | ND<0.50 | ND<3.0 | 19 | 24 | 0.076 J |
| SB-19 | 2 | 8/21/2020 | 79 | 21 | 840 | 0.28 J | 4.0 | 5,100 | 35 | 920 | 26,000 | 480 | 120 | ND<2.8 | ND<0.47 | 1.6 J | 12 | 830 | 2.3 |
| | 5 | 8/21/2020 | -- | 8.1 | -- | -- | -- | -- | -- | -- | 4.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-20 | 2 | 8/21/2020 | 6.9 | 3.2 | 400 | 0.20 J | 0.13 J | 28 | 6.5 | 23 | 520 | 5.0 | 8.6 | ND<3.1 | ND<0.51 | ND<3.1 | 25 | 74 | 0.081 J |
| | 5 | 8/21/2020 | -- | -- | -- | -- | -- | -- | -- | -- | 7.8 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-21 | 2 | 8/21/2020 | ND<2.9 | 5.0 | 110 | 0.38 J | ND<0.48 | 18 | 8.3 | 18 | 5.9 | ND<0.96 | 14 | ND<2.9 | ND<0.48 | ND<2.9 | 36 | 43 | ND<0.14 |
| SB-22 | 2 | 8/21/2020 | ND<2.8 | 3.3 | 110 | 0.19 J | 0.19 J | 13 | 6.1 | 18 | 50 | ND<0.94 | 8.4 | ND<2.8 | ND<0.47 | ND<2.8 | 24 | 45 | 0.055 J |
| SB-23 | 2 | 8/21/2020 | 730 | 23 | 280 | 0.40 J | 5.0 | 180 | 17 | 110 | 4,100 | 36 | 26 | ND<2.8 | 0.59 | ND<2.8 | 26 | 540 | 0.91 |
| | 5 | 8/21/2020 | 1.7 J | 4.0 | -- | -- | -- | -- | -- | -- | 5.7 | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-24 | 2 | 8/21/2020 | 4.0 | 5.3 | 110 | 0.37 J | ND<0.46 | 17 | 7.8 | 22 | 140 | ND<0.93 | 13 | ND<2.8 | ND<0.46 | ND<2.8 | 35 | 66 | 0.041 J |
| SB-25 | 2 | 8/21/2020 | 1.6 J | 7.0 | 110 | 0.37 J | ND<0.47 | 18 | 8.4 | 23 | 110 | ND<0.93 | 14 | ND<2.8 | ND<0.47 | ND<2.8 | 37 | 100 | 0.097 J |
| SB-26 | 2 | 8/21/2020 | 1.9 J | 14 | 270 | 0.65 | ND<0.50 | 30 | 14 | 34 | 9.3 | ND<0.99 | 24 | ND<3.0 | ND<0.50 | ND<3.0 | 54 | 72 | 0.051 J |
| | 5 | 8/21/2020 | -- | 6.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-27 | 2 | 8/21/2020 | ND<3.1 | 2.2 | 77 | 0.18 J | 0.12 J | 18 | 5.2 | 15 | 100 | 0.70 J | 14 | ND<3.1 | 5.1 | ND<3.1 | 25 | 77 | 0.080 J |
| SB-28 | 2 | 8/21/2020 | ND<3.2 | 3.1 | 76 | 0.48 J | ND<0.53 | 15 | 4.9 | 11 | 15 | 0.94 J | 9.3 | ND<3.2 | ND<0.53 | ND<3.2 | 31 | 34 | 0.11 J |
| SB-29 | 2 | 8/21/2020 | ND<2.6 | 2.1 | 74 | 0.16 J | ND<0.44 | 15 | 4.5 | 9.3 | 47 | ND<0.88 | 14 | ND<2.6 | 0.20 J | ND<2.6 | 27 | 46 | 0.048 J |
| SB-30 | 2 | 8/22/2020 | ND<3.3 | 2.7 | 59 | 0.25 J | ND<0.56 | 8.7 | 3.8 | 9.8 | 6.1 | ND<0.66 | 7.0 | ND<3.3 | ND<3.3 | ND<3.3 | 20 | 27 | ND<0.12 |
| SB-31 | 2 | 8/22/2020 | ND<2.6 | 5.0 | 85 | 0.67 | ND<0.43 | 19 | 9.3 | 32 | 19 | ND<0.86 | 15 | ND<2.6 | ND<0.43 | ND<2.6 | 44 | 63 | 0.058 J |
| SB-32 | 2 | 8/22/2020 | ND<3.3 | 4.3 | 87 | 0.36 J | ND<0.56 | 12 | 6.7 | 19 | 12 | ND<1.1 | 14 | ND<3.3 | ND<0.56 | ND<3.3 | 34 | 49 | 0.055 J |
| SB-33 | 2 | 8/22/2020 | ND<2.7 | 6.9 | 170 | 0.55 | ND<0.45 | 24 | 11 | 47 | 12 | ND<0.89 | 18 | ND<2.7 | ND<0.45 | ND<2.7 | 45 | 68 | ND<0.13 |

# Table 5, Summary of Metals in Soil Samples
# South El Monte Parcels

**Key:**
-- = not analyzed
(a) =San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels
(b) = Department of Toxic Substances Control (DTSC) Screening Level
J = Estimated value; concentration above the method detection limit but below the reporting limit
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
ND<"X" = not detected above the method detection limit or reporting limit "X"
**RED** = at or exceeds screening level

# Table 6 - Summary of Volatile Organic Compounds in Soil Vapor
# South El Monte Parcels

| Sample ID | Sample Depth (feet bgs) | Sample Date | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Isopropyl alcohol | Acetone | Chloroform | Methylene Chloride | 2-Butanone | Carbon Disulfide | Vinyl Chloride | Freon 113 | 1,4-Dioxane | Other VOCs[c] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | USEPA Method TO-15 (µg/m$^3$) | | | | | | | | | | | | | | | | | |
| *Commercial/Industrial Screening Levels [a]* | | | *67* | *100* | *1,200* | *260* | *14* | *44,000* | *160* | *15,000* | *29,333 [b]* | *4,500,000* | *18* | *410* | *730,000* | *103,333 [b]* | *5* | *733,333* | *53* | |
| SB-2 | 5 | 08/22/20 | **68** | 50 | ND | ND | 4.7 | 35 | ND | 10 | ND | 62 | ND | 5.3 | 16 | ND | ND | ND | ND | |
| | 15 | 08/22/20 | 29 J | 49 J | ND | ND | **22 J** | 190 | ND | 32 J | 190 | 720 | ND | **1,200** | ND | ND | ND | ND | ND | |
| SB-5 | 5 | 08/21/20 | **350** | **150** | ND | ND | ND | 1,600 | **180** | 1,100 | ND | 140 J | ND | ND | ND | ND | ND | 65 | ND | |
| | 15 | 08/21/20 | **460** | **460** | ND | 51 | ND | 230 | 27 | 170 | ND | 56 | ND | 2.0 J | ND | ND | ND | 110 | ND | |
| SB-8 | 5 | 08/22/20 | **190** | **280** | 28 | 130 | **16** | 60 | 9.0 | 28 | ND | 92 | ND | 24 | ND | 36 | ND | ND | ND | |
| | 15 | 08/22/20 | **170** | **1,300** | 910 | ND | ND | 24 | ND | 36 | ND | 180 | ND | 12 J | ND | ND | **55** | 84 | ND | |
| SB-9 | 5 | 08/21/20 | **130** | **200** | ND | ND | ND | 37 | 3.7 | 19 | 320 | ND | ND | ND | ND | ND | 1.1 J | ND | ND | |
| | 15 | 08/21/20 | **87** | **390** | 110 | 77 | 1.7 J | 5.6 | 0.90 J | 8.4 | ND | 42 | ND | 1.2 J | ND | ND | 0.48 J | ND | ND | |
| SB-10 | 5 | 08/22/20 | **200** | **1,300** | 93 | 250 | **100** | 33 | 8.5 J | 50 | ND | 99 | **120** | ND | 32 J | ND | 1.8 J | 4.9 | ND | |
| | 15 | 08/22/20 | **250** | **2,800** | **5,100** | **1,400** | 29 B,J | 59 | 14 J | 96 J | 350 | 1,700 | ND | **1,700** | ND | ND | **220** | 25 J | **58** | |
| SB-13 | 5 | 08/22/20 | **280** | **1,300** | 770 | 210 | ND | 50 J | ND | 23 J | ND | 640 | ND | **620** | ND | ND | ND | ND | ND | |
| | 15 | 08/22/20 | **270** | **1,700** | **3,100** | **360** | ND | 29 J | ND | ND | ND | 760 | ND | **470** | ND | ND | ND | ND | ND | |
| SB-14 | 5 | 08/22/20 | **360** | **820** | 54 | **490** | **95** | 39 | 100 | 120 | ND | 65 | ND | 5.0 J | ND | 37 | ND | 64 | ND | |
| | 15 | 08/22/20 | **120** | **3,300** | 1,100 | **1,400** | 6.7 | 11 | **160** | 490 | ND | 120 | ND | 5.9 J | 33 | ND | ND | 19 | ND | |
| SB-15 | 5 | 08/22/20 | **230** | 87 J | ND | 150 | ND | 79 J | ND | 44 J | ND | 750 | ND | **1,100** | ND | ND | ND | ND | ND | |
| | 15 | 08/22/20 | **260** | **140** | ND | 7.6 J | ND | 160 | 5.6 J | 42 J | ND | 71 J | ND | 5.8 J | ND | ND | ND | 13 J | ND | |
| SB-16 | 5 | 08/22/20 | **110** | **660** | 900 | **1,700** | **170** | 100 | 110 | 730 | ND | 260 J | ND | 17 J | ND | ND | ND | ND | ND | |
| | 15 | 08/22/20 | **100 J** | **1,200** | **5,000** | **3,600** | **54** | 31 | ND | 23 J | ND | 700 | ND | **2,000** | ND | ND | ND | ND | ND | |
| SB-17 | 5 | 08/22/20 | **740** | **2,400** | 720 | **5,100** | **190** | 6,200 | **4,900** | **6,100** | 310 J | 3,600 | ND | **2,700** | 510 J | 700 | **510** | ND | ND | |
| | 15 | 08/22/20 | **120** | **190** | 220 | **2,000** | **24** | 510 | **410** | **1,200** | ND | 300 | ND | 46 J | 49 J | ND | ND | 63 | 45 | |
| SB-18 | 5 | 08/22/20 | **980** | **2,200** | **3,400** | **1,300** | ND | 120 J | 38 J | 220 J | 280 J | 1,200 | ND | **1,400** | ND | 130 | **580** | 3,300 | ND | |
| | 15 | 08/22/20 | **2,200** | **2,500** | **14,000** | **4,300** | **57 J** | 130 | 120 J | 680 | ND | 830 | ND | **1,000** | ND | ND | ND | 3,600 | ND | |
| SB-20 | 5 | 08/21/20 | ND | **330 J** | 940 | **1,300** | **120 J** | 270 | 110 J | 260 J | ND | 1,200 | ND | **1,400** | ND | ND | ND | ND | ND | |
| | 15 | 08/21/20 | ND | 100 J | 890 | 2,500 | ND | 720 | 110 J | 210 J | ND | 990 J | ND | **1,100** | ND | ND | ND | ND | **480** | |
| SB-21 | 5 | 08/22/20 | **4,000** | **6,000** | **18,000** | **10,000** | **3,700** | **320,000** | **30,000** | **130,000** | ND | 4,800 | ND | **3,500** | ND | ND | **32,000** | ND | ND | |
| | 15 | 08/22/20 | **820** | **290 J** | 300 | **2,500** | **210** | 9,400 | **1,200** | 6,500 | ND | 15,000 | ND | **9,300** | ND | ND | **860** | 110 J | **1,500** | |
| SB-22 | 5 | 08/22/20 | ND | **320 J** | 330 J | **540** | ND | ND | ND | 160 J | ND | 3,600 J | ND | **5,600** | ND | ND | ND | ND | ND | |
| | 15 | 08/22/20 | **530** | **2,100** | 120 | **1,800** | ND | ND | ND | 7.5 J | ND | 79 J | ND | 5.4 J | ND | ND | ND | ND | ND | |
| SB-23 | 5 | 08/22/20 | 59 | 22 | 6.5 J | 27 | **48** | 150 | 19 J | 91 | ND | 51 J | ND | 7.7 J | ND | ND | ND | 15 J | ND | |
| | 15 | 08/22/20 | **360** | **420** | 15 | **1,100** | ND | 53 | ND | 9.5 J | ND | 31 J | ND | 6.4 J | ND | ND | **11** | 16 J | ND | |
| SB-24 | 5 | 08/21/20 | **580** | 20 | ND | ND | **19** | 220 | 23 | 110 | ND | 120 | ND | ND | ND | ND | ND | 36 | ND | |
| | 15 | 08/21/20 | **980** | **120** | ND | 89 | ND | 92 | 20 | 97 | ND | 64 | ND | ND | ND | ND | 4.1 J | 52 | ND | |
| SB-25 | 5 | 08/21/20 | **150** | 6.9 | 1.7 J | 1.6 J | 4.9 | 33 | 60 | 410 | ND | 46 | ND | 5.4 | ND | 3.5 | ND | 35 | ND | |
| | 15 | 08/21/20 | **680** | 71 | ND | 21 | 2.5 B,J | 11 J | 70 | 490 | ND | 41 | ND | ND | ND | ND | ND | 160 | ND | |
| SB-26 | 5 | 08/27/20 | **10,000** | **1,000** | ND | 32 J | ND | 75 J | ND | 56 J | 300 | 1,100 | ND | **1,500** | ND | ND | ND | 100 | ND | |
| | 15 | 08/27/20 | **41,000** | **8,500** | 250 | **1,000** | ND | 130 J | ND | 130 J | ND | 1,500 | ND | **980 J** | ND | ND | ND | 440 | ND | |
| SB-27 | 5 | 08/21/20 | **390** | **2,500** | 580 | **960** | **14** | 160 | 21 | 120 | ND | 160 | ND | ND | ND | 27 | **18** | 1,200 | ND | |
| | 15 | 08/21/20 | **6,300** | **5,400** | **2,300** | **2,600** | **35 B,J** | 140 | 23 J | 130 J | 700 | 2,800 | ND | **6,200** | ND | ND | **43** | ND | ND | |
| SB-28 | 5 | 08/22/20 | **2,200** | **850** | **1,400** | **260** | **100** | 340 | 49 J | 390 | ND | 5,000 | ND | **22,000** | ND | 510 | ND | 89 J | ND | |
| | 15 | 08/22/20 | **32,000** | **8,300** | **1,800** | **1,800** | ND | 830 | ND | ND | ND | 21,000 | ND | **66,000** | ND | ND | ND | ND | ND | |
| SB-29 | 5 | 08/21/20 | **5,500** | **1,300** | 270 | 180 | **67** | 330 | 50 J | 280 J | ND | 6,000 | ND | **25,000** | ND | 380 | ND | 52 J | ND | |
| | 15 | 08/21/20 | **5,200 J** | **4,500 J** | **11,000** | **6,800** | **3,400 J** | **230,000** | **19,000** | **93,000** | ND | 31,000 | ND | **41,000** | ND | ND | **20,000** | ND | ND | |
| SB-30 | 5 | 08/22/20 | **1,300** | **330** | 20 J | 29 J | ND | 51 | 9.0 J | 46 J | ND | 120 J | ND | 12 J | ND | ND | ND | ND | ND | |
| | 15 | 08/22/20 | **100,000** | ND | **2,500** | **2,400** | **160 J** | 1,000 | **200 J** | 1,000 | ND | 6,300 | ND | **38,000** | 760 J | 470 | ND | 1,300 | ND | |
| SB-33 | 5 | 08/22/20 | **300** | 19 | ND | ND | 9.1 | 22 | 2.8 J | 21 | ND | ND | ND | 4.8 J | ND | ND | ND | 66 | ND | |
| | 15 | 08/22/20 | **5,100** | **980** | 18 | 12 J | **29** | 12 J | ND | 4.9 J | ND | ND | ND | 10 J | ND | ND | ND | 180 | ND | |

Notes:

# Table 6 - Summary of Volatile Organic Compounds in Soil Vapor
## South El Monte Parcels

| Sample ID | Sample Depth (feet bgs) | Sample Date | PCE | TCE | cis-1,2-DCE | 1,1-DCA | Benzene | Toluene | Ethyl-benzene | Xylenes (Total) | Isopropyl alcohol | Acetone | Chloroform | Methylene Chloride | 2-Butanone | Carbon Disulfide | Vinyl Chloride | Freon 113 | 1,4-Dioxane | Other VOCs[c] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | USEPA Method TO-15 (µg/m$^3$) | | | | | | | | | | | | | | | | | |

-- = Screening level not established

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs), 2019

(b) = United States Environmental Protection Agency (USEPA) Regional Screening Levels for indoor air divided by 0.03 attenuation factor

(c) = See laboratory report for other detectable VOCs

bgs = below ground surface

J = Estimated value. Concentration detected above the method detection limit but below the reporting limit

ND = Not detected above method detection limit

DCA = Dichloroethane

DCE = Dichloroethene

MIBK = Methyl isobutyl ketone

**Table 7 - Summary of Volatile Organic Compounds in Additional Samples**
**South El Monte Parcels**

| Boring Number | Sample Depth | Sample Date | PCE | TCE | cis-1,2-DCE | trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | 1,1-DCA | Benzene | Toluene | Ethylbenzene | Total Xylenes | 1,2,4-TMB | Methylene Chloride | 2-Butanone | MTBE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Soil Screening Levels [a]* | | | *2,700* | *6,100* | *85,000* | *600,000* | *350,000* | *150* | *16,000* | *1,400* | *5,300,000* | *26,000* | *2,500,000* | *11,000* | *25,000* | *200,000,000* | *210,000* |
| HP-1 | 10 | 9/18/2020 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | 3.3 B,J | ND<110 | ND<5.3 |
| | 20 | 9/18/2020 | 4.2 J | 0.64 J | ND<5.4 | ND<5.4 | ND<5.4 | ND<5.4 | ND<5.4 | ND<5.4 | 0.99 J | ND<5.4 | ND<5.4 | ND<5.4 | 3.7 B,J | ND<110 | ND<5.4 |
| | 30 | 9/18/2020 | 1.8 J | ND<6.1 | ND<6.1 | ND<6.1 | ND<6.1 | ND<6.1 | ND<6.1 | 0.32 J | ND<6.1 | ND<6.1 | ND<6.1 | ND<6.1 | 2.8 B,J | ND<120 | ND<6.1 |
| | 40 | 9/18/2020 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | ND<4.8 | 2.6 B,J | ND<96 | ND<4.8 |
| | GW | 9/18/2020 | 1.6 J | 2.8 J | **6.0** | ND<5.0 | ND<5.0 | ND<5.0 | 1.0 J | 0.4 J | 0.3 J | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 2.7 J | ND<5.0 |
| HP-2 | 10 | 9/18/2020 | 5.3 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | ND<4.5 | 2.7 B,J | ND<91 | ND<4.5 |
| | 20 | 9/18/2020 | 3.1 J | ND<5.8 | ND<5.8 | ND<5.8 | ND<5.8 | ND<5.8 | ND<5.8 | ND<5.8 | ND<5.8 | ND<5.8 | ND<5.8 | ND<5.8 | 2.4 B,J | ND<120 | ND<5.8 |
| | 30 | 9/18/2020 | 1.6 J | ND<5.4 | ND<5.4 | ND<5.4 | ND<5.4 | ND<5.4 | ND<5.4 | ND<5.4 | 0.52 J | ND<5.4 | ND<5.4 | ND<5.4 | 2.5 B,J | ND<110 | ND<5.4 |
| | 40 | 9/18/2020 | 1.9 J | 2.0 J | 3.3 J | ND<5.1 | ND<5.1 | ND<5.1 | ND<5.1 | 0.29 J | 0.98 J | ND<5.1 | ND<5.1 | ND<5.1 | 2.1 B,J | ND<100 | ND<5.1 |
| | GW | 9/18/2020 | **14** | **13** | **11** | 0.5 J | ND<5.0 | ND<5.0 | **5.9** | 0.2 J | 0.3 J | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 2.3 J | 0.1 J |
| HP-3 | 10 | 9/18/2020 | 14 | 1.7 J | ND<6.6 | ND<6.6 | ND<6.6 | ND<6.6 | ND<6.6 | 1.0 J | ND<6.6 | ND<6.6 | ND<6.6 | ND<6.6 | 1.8 B,J | ND<130 | ND<6.6 |
| | 20 | 9/18/2020 | 1.1 J | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | 1.6 B,J | ND<110 | ND<5.3 |
| | 30 | 9/18/2020 | 0.74 J | ND<5.6 | ND<5.6 | ND<5.6 | ND<5.6 | ND<5.6 | ND<5.6 | ND<5.6 | ND<5.6 | ND<5.6 | ND<5.6 | ND<5.6 | 1.7 B.J | ND<110 | ND<5.6 |
| | 40 | 9/18/2020 | 2.9 J | 15 | 5.7 | 0.30 J | ND<4.1 | ND<4.1 | 2.7 J | 0.83 J | ND<4.1 | ND<4.1 | ND<4.1 | ND<4.1 | 1.2 B,J | 4.2 J | ND<4.1 |
| | GW | 9/18/2020 | **6.7** | **6.0** | **7.8** | 0.1 J | ND<5.0 | 0.08 J | 1.5 J | 0.3 J | 0.4 J | 0.1 J | 0.2 J | ND<5.0 | ND<5.0 | 3.4 J | ND<5.0 |
| HP-4 | 10 | 9/19/2020 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | ND<5.3 | 0.94 J | ND<5.3 | 0.35 J | ND<5.3 | 1.3 B,J | ND<110 | ND<5.3 |
| | 20 | 9/19/2020 | ND<5.7 | ND<5.7 | ND<5.7 | ND<5.7 | ND<5.7 | ND<5.7 | ND<5.7 | ND<5.7 | 0.60 J | ND<5.7 | ND<5.7 | ND<5.7 | ND<5.7 | ND<110 | ND<5.7 |
| | 30 | 9/19/2020 | ND<5.1 | 0.63 J | 33 | 0.69 J | 0.43 J | 0.77 J | 13 | 0.39 J | ND<5.1 | ND<5.1 | ND<5.1 | ND<5.1 | 0.95 B.J | 4.9 J | 1.9 J |
| | 40 | 9/19/2020 | ND<4.3 | 0.87 J | 15 | ND<4.3 | 0.23 J | ND<4.3 | 5.0 | 0.41 J | ND<4.3 | ND<4.3 | ND<4.3 | ND<4.3 | 0.57 B,J | 5.0 J | 1.1 J |
| | GW | 9/19/2020 | **120 J** | **37 J** | **25 J** | ND<250 | ND<250 | ND<250 | ND<250 | ND<50 | **3,100** | **280** | **2,200** | **130 J** | **450 B** | ND<5,000 | ND<250 |
| *Groundwater Screening Level [b]* | | | *5.0* | *5.0* | *6.0* | *10* | *10* | *0.5* | *5.0* | *1.0* | *40* | *30* | *20* | *5.0* | *5.0* | *5,600* | *5.0* |

Key:

Soil reuslts reported in micrograms per kilogram (µg/kg) and groundwater results reported in micrograms per liter (µg/L)

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) for Commercial/Industrial Soils, 2019

(b) = Maximum Contaminant Level for drinking water

B = Constituent found in associated method blank

J = Estimated value; concentration above the method detection limit but below the reporting limit

ND<"X "= not detected above the method or reporting limit "X"

**RED** = at or exceeds screening level

# Table 8 - Summary of Volatile Organic Compounds in Additional Soil Vapor Samples
## South El Monte Parcels

| Sample Location | Sample Depth (feet bgs) | Sample Date | PCE | TCE | cis-1,2-DCE | trans-1,2-DCE | 1,1-DCE | Vinyl Chloride | 1,1-DCA | 1,1,1-TCA | Benzene | Ethylbenzene | Toluene | Total Xylenes | 1,2,4-TMB | 1,2-DCP | Carbon Disulfide | BDCM | Chloroform | Freon 113 | p-isopropyl toluene | Other VOCs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Soil Vapor Screening Levels [(a)]* | | | *67* | *100* | *1,200* | *12,000* | *10,000* | *5* | *260* | *150,000* | *14* | *160* | *44,000* | *15,000* | *290* | *41* | *24,333 [(b)]* | *11* | *18* | *733333 [(b)]* | -- | |
| HP-1 | 5 | 9/24/2020 | 10,000 | 1,600 | 70 | 21 | 4.8 | 7.2 | 51 | 72 | 12 | 10 | 2,700 | 34 | 15 | ND<10 | 21 | 45 | 67 | 96 | 42 | Dibromochloromethane = 38 |
| | 15 / DUP | 9/24/2020 | 13,000 / 13,000 | 2,500 / 2,500 | 180 / 180 | 33 /32 | ND<5.0 / 3.4 | ND<5.0 / 5.4 | 130 / 140 | 84 / 77 | 5.6 / 4.4 | 7.2 / ND<10 | 37 / 22 | 33 / 11 | 7.8 / 3.2 | ND<10 / ND<10 | ND<5.0 / ND<5.0 | ND<5.0 / ND<5.0 | 9.4 / 8.8 | 97 / 96 | 30 / 12 | ND |
| | 30 | 9/24/2020 | 6,900 | 2,000 | 530 | 49 | ND<5.0 | 6.0 | 240 | 41 | 4.6 | ND<10 | 22 | 16 | 6.4 | ND<10 | ND<5.0 | 6.2 | 10 | 120 | 10 | ND |
| | 40 | 9/24/2020 | 1,400 | 1,000 | 1,100 | 26 | 9.2 | 38 | 340 | 6.6 | 6.8 | ND<10 | 20 | 18 | 5.8 | ND<10 | 52 | ND<5.0 | ND<5.0 | 97 | 22 | Dichlorodiflurometha ne = 2.8 |
| HP-2 | 5 | 9/24/2020 | 18,000 | 3,600 | 500 | 94 | 10 | 18 | 270 | 89 | 13 | 8.8 | 62 | 36 | 4.0 | ND<5.1 | 18 | 24 | 49 | 120 | 11 | ND |
| | 15 | 9/24/2020 | 30,000 | 7,900 | 2,500 | 220 | 15 | 24 | 770 | 110 | 5.2 | ND<5.9 | 27 | 18 | 2.6 | 26 | ND<1.2 | 5.6 | 17 | 160 | 11 | Chlorobenzene = 12 |
| | 30 | 9/24/2020 | 25,000 | 8,600 | 3,900 | 280 | 9.4 | 28 | 960 | 69 | 4.4 | ND<5.9 | 19 | 10 | ND<1.8 | 37 | ND<1.2 | ND<1.5 | 7.4 | 140 | 7.4 | Chlorobenzene = 17 |
| | 40 | 9/24/2020 | 7,400 | 6,500 | 4,900 | 250 | 10 | 19 | 1,000 | 20 | 5.0 | ND<5.9 | 9.0 | 4.4 | ND<1.8 | 30 | 15 | ND<1.5 | ND<4.2 | 140 | 6.4 | Chlorobenzene = 5.0 |
| HP-3 | 5 | 9/24/2020 | 10,000 | 1,500 | 48 | 14 | ND<2.1 | ND<2.3 | 110 | 81 | 7.2 | ND<5.9 | 24 | 13 | ND<1.8 | ND<5.1 | ND<1.2 | 9.6 | 12 | 110 | ND<5.6 | ND |
| | 15 | 9/24/2020 | 11,000 | 3,000 | 130 | 43 | ND<2.1 | ND<2.3 | 520 | 120 | ND<2.2 | ND<5.9 | 13 | 3.6 | ND<1.8 | ND<5.1 | ND<1.2 | ND<1.5 | 16 | 140 | ND<5.6 | ND |
| | 30 | 9/24/2020 | 8,300 | 2,800 | 450 | 74 | 6.8 | ND<2.3 | 1,100 | 54 | 14 | ND<5.9 | 17 | 2.2 | ND<1.8 | ND<5.1 | ND<1.2 | 4.0 | 14 | 190 | 21 | ND |
| | 40 | 9/24/2020 | 5,900 | 3,700 | 1,200 | 150 | 17 | 7.8 | 1,600 | 13 | 17 | ND<5.9 | 17 | 4.2 | ND<1.8 | ND<5.1 | 1.8 | ND<1.5 | ND<4.2 | 230 | 26 | ND |
| HP-4 | 5 | 9/25/2020 | 5,900 | 2,200 | 5,600 | 230 | 35 | 17,000 | 6,300 | ND<5.0 | 1,800 | 15,000 | 37,000 | 63,000 | 5,200 | ND<10 | 63 | ND<5.0 | 33 | ND<5.0 | 240 | ND |
| | 15 / DUP | 9/25/2020 | 180 / 220 | 84 / 100 | 310 / 320 | 19 / 12 | 15 / 17 | 550 / 740 | 1,700 / 2,000 | ND<5.0 / ND<5.0 | 30 / 26 | 440 / 200 | 2,800 / 1,400 | 2,960 / 1,440 | 310 / 180 | ND<10 / ND<10 | ND<5.0 / ND<5.0 | 35 / 39 | 14 / 12 | ND<5.0 / 13 | 16 / 12 | ND |
| | 30 | 9/25/2020 | 93 | 160 | 2,100 | 34 | 49 | 610 | 2,000 | ND<5.0 | 7.8 | 180 | 1,400 | 1,170 | 120 | ND<10 | ND<5.0 | ND<5.0 | 13 | 18 | 7.6 | ND |
| | 40 | 9/25/2020 | 190 | 170 | 2,700 | 50 | 53 | 670 | 1,600 | ND<5.0 | 7.0 | 350 | 3,100 | 2,400 | 170 | ND<10 | 45 | ND<5.0 | ND<5.0 | 13 | 14 | ND |

**Notes:**

Results in micrograms per cubic meter ($\mu g/m^3$)

(a) = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) for Commercial/Industrial Soils, 2019

(b) = United States Environmental Protection Agency (USEPA) Regional Screening Leves for indoor air divided by 0.03 attenuation factor

bgs = below ground surface

DUP = duplicate sample

BDCM = Bromodichloromethane

DCA = Dichloroethane

DCE = Dichloroethene

DCP = Dichloropropane

PCE = Tetrachloroethene

TCA = Trichloroethane

TCE = Trichloroethene

TMB = Trimethylbenzene

J = Estimated value; concentration above the method detection limit but below the reporting limit

ND<"X "= not detected above the method or reporting limit "X"

**RED** = at or exceeds screening level

# APPENDIX A
# BORING PERMIT

# ENVIRONMENTAL HEALTH

## Drinking Water Program

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

# Work Plan Approval

| WORK SITE ADDRESS | CITY | ZIP | EMAIL ADDRESS |
|---|---|---|---|
| Rosemead Parcels – South El Monte Phase II<br>2200, 2212, 2218, 2226 Rosemead Blvd | South El Monte | 91733 | vlayne@eecenvironmental.com |

**NOTICE:**

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- WORK PLAN APPROVALS ARE LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.

**TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:**

| | | | | | |
|---|---|---|---|---|---|
| X | **WORK PLAN APPROVED FOR**: soil borings<br>APN 8102-039-035, 031, 030, 029, -040-011 | **PERMIT NUMBER:** | SR0232193 | **DATE:** | September 3, 2020 |

## ADDITIONAL APPROVAL CONDITIONS:

- Work plan approval is issued for scope of work submitted to the Drinking Water Program. Any modifications to the scope of work will require additional work plan review.
- Soil borings shall be sealed pursuant to Section 9 and Appendix B of *California Well Standards - Bulletins 74-90 & Bulletins 74-81* respectively.
    - For Portland cement, it shall be mixed at a ratio of one 94-pound sack of Portland cement 5 to 6 gallons of 'clean' water.
    - ***Up to 6%*** of bentonite may be added to the cement mixture at a ratio of two (2) pounds of bentonite one (1) gallon of 'clean' water, or in accordance with the manufacturer's specification.
- Drill cuttings and wastewater shall be disposed of in accordance with all applicable federal, State, and local requirements.
- Sealing materials shall meet *National Sanitation Foundation (NSF 61)* standard.
- Provide temporary cover to the borehole opening whenever work is interrupted.
- Borings or exploration holes must comply with all applicable requirements published in the *California Well Standards (Bulletins 74-81 and 74-90 combined)* and the *Los Angeles County Code, Title 11.*

REHS NO: 5841

Quang Ly, REHS

# APPENDIX B
# BORING LOGS

EEC ENVIRONMENTAL

# SB-1

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

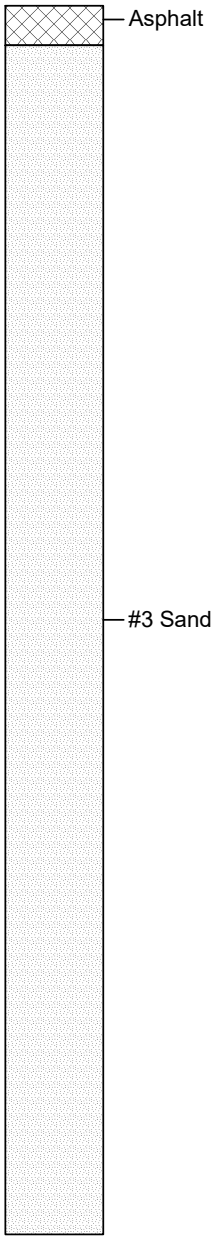
| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 4" Asphalt |
| | | | SP | Borehole was hand augered to 5.5' bgs for utility clearance<br>SAND: fine-grained, yellow brown (10YR 5/8) |
| | | 0840 | | SILT: dark brown (7.5YR 3/3), dry |
| 5 | | 0852 | ML | Clayey SILT: brown (7.5YR 4/4), dry, low plasticity |
| | | | | |
| 10 | | 0855 | SP | SAND: fine-grained, pale brown (10YR 6/3), dry |
| | | | | |
| 15 | | 0858 | | Same |

SB-1
Soil Sampling Location




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-4.bor

EEC ENVIRONMENTAL

# SB-2

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate South El Monte |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

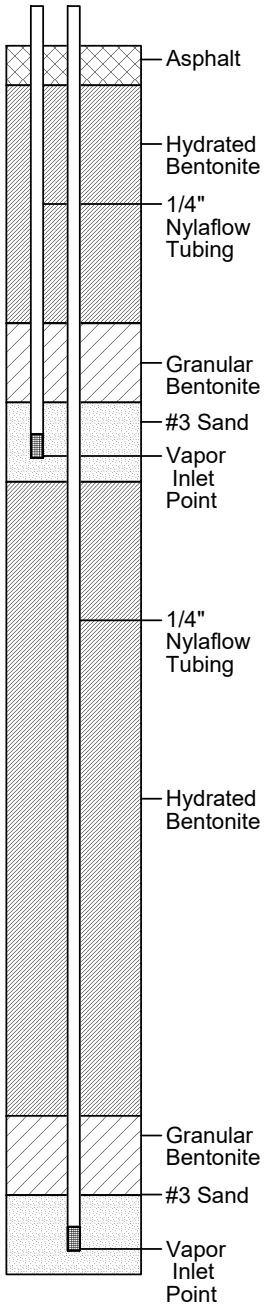
| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610 |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red

| Depth (ft) | PID (ppmv) | Sample Time | Sample Interval | Column | USCS | DESCRIPTION |
|---|---|---|---|---|---|---|
| 0 | | | | | | 6" Asphalt. Borehole was hand augered to 5.5' bgs |
| | | | | | SM | Silty SAND: fine- to medium-grained, yellow brown (10YR 5/8), |
| | | 0858 | | | ML | Sandy SILT: dark brown (7.5YR 3/2), sand is fine grained |
| 5 | | 0902 | | | | |
| | | 0904 | | | SP | SAND: Fine-grained, pale brown (10YR 6/3) |
| 10 | | | | | | |
| | | 0906 | | | | |
| 15 | | | | | | |




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-2.bor

EEC ENVIRONMENTAL

# SB-3

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate South El Monte |
| Logged By: | : Alley Williams |
| Reviewed By: | : P.G. |

| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610 |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

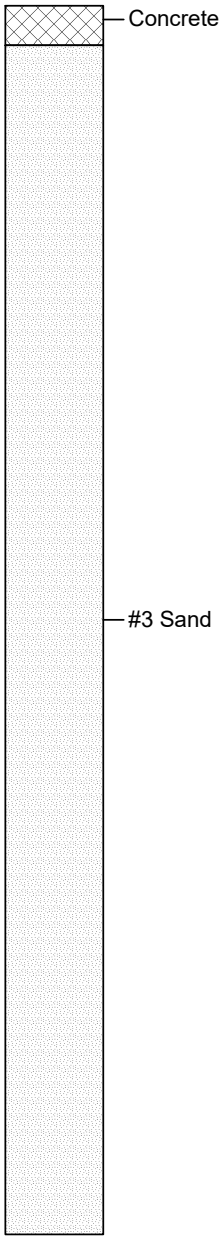
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete. Borehole was hand augered to 5.5' bgs |
| | | | SM | SAND with Silt: fine- to medium-grained, yellow brown (10YR 5/8), slightly damp (0/5/95/0) |
| | 12.4 | 0815 | ML | Sandy SILT: dark brown (7.5YR 3/2), slightly damp, medium plasticity, sand is fine grained (0/60/40/0) |
| 5 | 16.1 | 0825 | CL | CLAY with sand: light brown-yellow (10YR 5/8), damp, high plasticity, sand is fine grained (90/0/10/0) |
| 10 | 25.6 | 0838 | SP | SAND: Fine-grained, light brown (7.5YR 6/3), dry (0/0/100/0) |
| 15 | 16.0 | 0849 | SW | SAND with Gravel: Gray-brown (10YR 4/2), dry, gravel is subrounded and subangular (0/0/90/10) |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

SB-3
Soil Sampling Location



EEC ENVIRONMENTAL

# SB-4

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

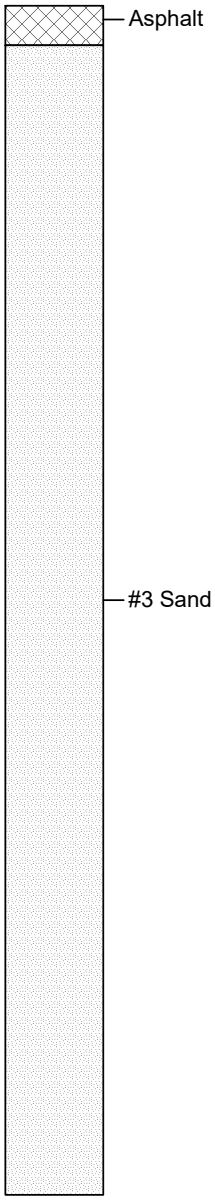
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 4" Asphalt |
| | | | SP | Borehole was hand augered to 5.5' bgs for utility clearance<br>SAND: fine-grained, yellow brown (10YR 5/8), dry |
| | 83.4 | 0902 | | |
| | | | | SILT: dark brown (7.5YR 3/3), dry |
| 5 | | 0908 | ML | Clayey SILT: brown (7.5YR 4/4), dry, low plasticity |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 10 | | 0910 | | SAND: fine-grained, pale brown (10YR 6/3), dry |
| | | | SP | |
| | | | | |
| | | | | |
| | | | | |
| 15 | 22.1 | 0916 | | Same |

SB-4
Soil Sampling Location




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 C:\Users\aburnap\Desktop\Working\VL\SB-4.bor

EEC ENVIRONMENTAL

# SB-5

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

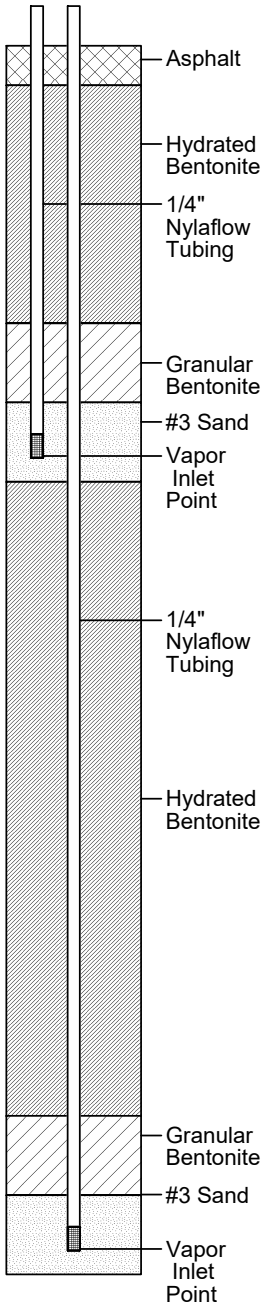
Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 4" Asphalt |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 7.8 | 0935 | ML | Clayey SILT: dark brown (7.5YR 3/3) |
| 5 | 6.3 | 0945 | | SILT: brown (7.5YR 4/4), damp |
| 10 | 16.2 | 0950 | SP | SAND: pale brown (10YR 6/3) |
| 15 | 8.1 | 0955 | | Same |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-5.bor

EEC ENVIRONMENTAL

# SB-6

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

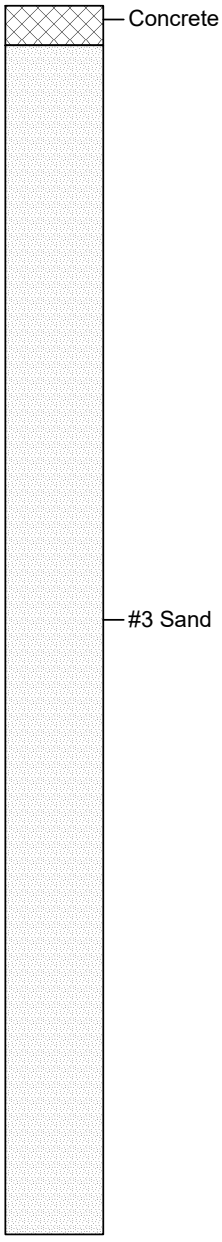
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | | | | SAND: yellow brown (10YR 5/8), dry |
| | 0.6 | 0925 | SP | |
| 5 | 0.0 | 0928 | | SAND: fine-grained, dark brown (7.5YR 3/3) |
| 10 | 0.1 | 0933 | SM | SAND: gray brown (10YR 4/2) |
| 15 | 0.0 | 0936 | | Same |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

SB-6
Soil Sampling Location




09-15-2020 C:\Users\aburnap\Desktop\Working\VL\SB-6.bor

EEC ENVIRONMENTAL

# SB-7

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

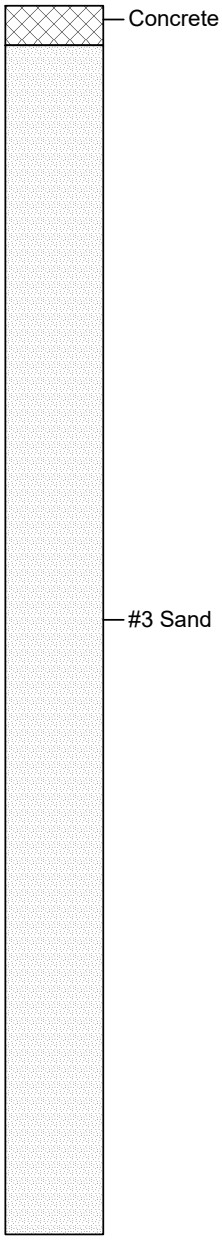
| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | | | | SAND: yellow brown (10YR 5/8), dry |
| | | 0950 | SP | |
| 5 | | 0952 | | SAND: fine-grained, dark brown (7.5YR 3/3) |
| | | | | |
| | | | | |
| | | | | |
| 10 | | 0955 | SM | SAND: gray brown (10YR 4/2) |
| | | | | |
| | | | | |
| | | | | |
| 15 | | 0957 | | Same |

SB-7
Soil Sampling Location




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-6.bor

EEC ENVIRONMENTAL

# SB-8

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

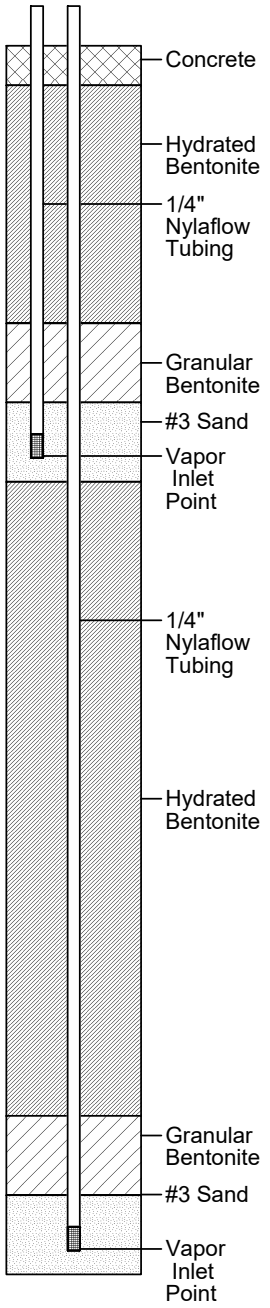
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | Sample Interval | Column | USCS | DESCRIPTION |
|---|---|---|---|---|---|---|
| 0 | | | | | | 6" Concrete slab |
| | | | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | | | | | | Silty SAND: fine-grained, dark brown (7.5YR 3/2), damp |
| | 7.9 | 1135 | | | ML | |
| 5 | | 1140 | | | | Clayey SILT: dark brown |
| 10 | | 1145 | | | ML | Same |
| 15 | | 1150 | | | | Same |

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-9.bor

EEC ENVIRONMENTAL

# SB-9

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

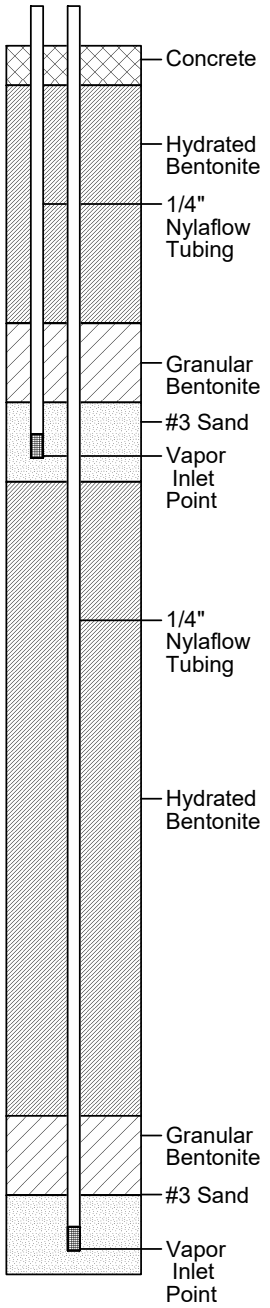
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | GP | 6" Clean GRAVEL: course-grained |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 15.7 | 1040 | | SILT: very dark brown (7.5YR 3/2), damp |
| | | | ML | |
| 5 | 10.2 | 1045 | | Sandy SILT: fine-grained, brown (7.5YR 4/4), moist |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 10 | 2.3 | 1050 | | SAND: fine-grained, gray brown (2.5YR 5/2) |
| | | | SP | |
| | | | | |
| | | | | |
| | | | | |
| 15 | 8.9 | 1100 | | Same |

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-9.bor

EEC ENVIRONMENTAL

# SB-10

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

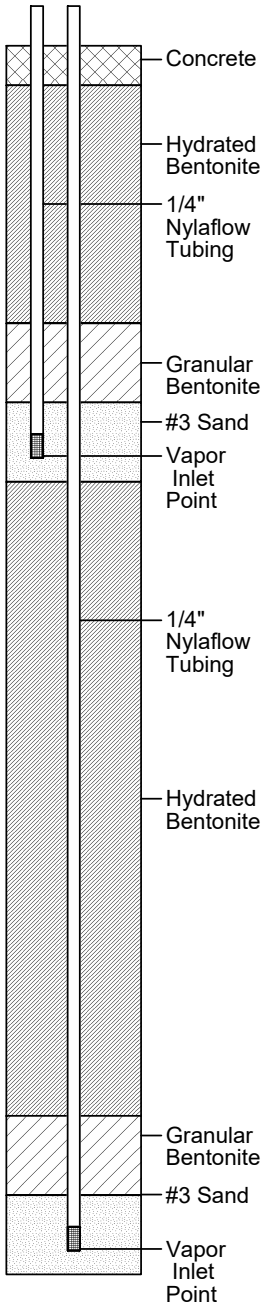
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | Sample Interval | Column | USCS | DESCRIPTION |
|---|---|---|---|---|---|---|
| 0 | | | | | | 6" Concrete slab |
| | | | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | | 1306 | | | ML | SILT: dark brown (7.5YR 3/2), damp |
| 5 | | 1313 | | | | Silty SAND: fine-grained, brown (7.5YR 4/4), damp |
| 10 | | 1314 | | | SP | SAND: fine-grained, gray brown (2.5YR 5/2) |
| 15 | | 1317 | | | | Same |

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-10.bor

EEC ENVIRONMENTAL

# SB-11

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

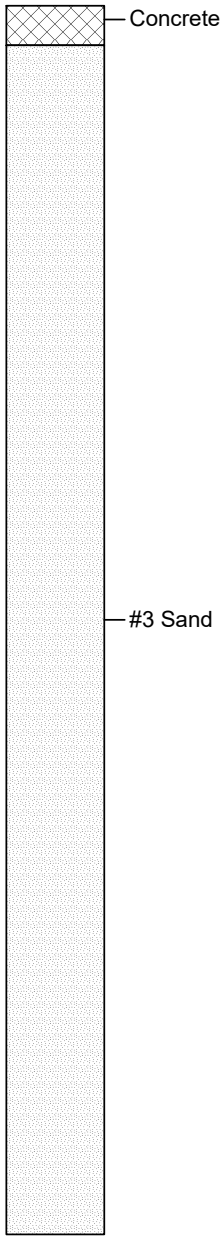
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 5.3 | 1448 | | SAND: brown |
| 5 | 0.0 | 1450 | SP | Same |
| 10 | 0.0 | 1453 | SC | Clayey SAND: fine-grained, brown |
| 15 | 0.0 | 1455 | SP | SAND: brown |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).




09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-10.bor

EEC ENVIRONMENTAL

# SB-12

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

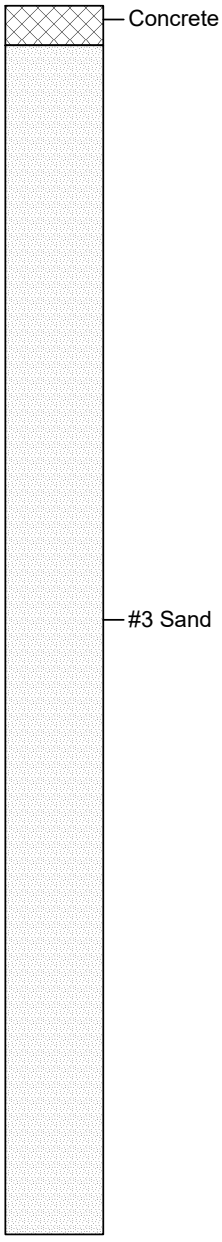
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | Sample Interval | Column | USCS | DESCRIPTION |
|---|---|---|---|---|---|---|
| 0 | | | | | | 6" Concrete |
| | | | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | | 1327 | | | | Silty SAND: fine-grained, brown |
| 5 | | 1332 | | | SM | Same |
| 10 | | 1340 | | | SP | SAND: fine-grained, brown |
| 15 | | 1344 | | | | Same |

SB-12
Soil Sampling Location




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-11.bor

EEC ENVIRONMENTAL

# SB-13

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

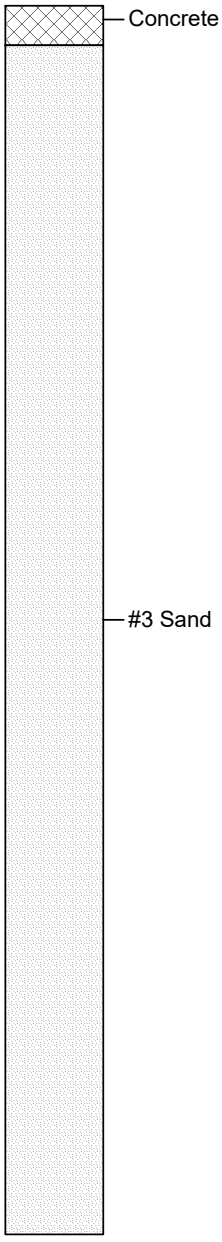
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | Sample Interval | Column | USCS | DESCRIPTION |
|---|---|---|---|---|---|---|
| 0 | | | | | | 6" Concrete |
| | | | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | | 1347 | | | | Silty SAND: fine-grained, brown |
| 5 | | 1355 | | | SM | Same |
| 10 | | 1402 | | | SP | SAND: fine-grained, brown |
| 15 | | 1408 | | | | Same |

SB-13
Soil Sampling Location




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

EEC ENVIRONMENTAL

# SB-14

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2212 Rosemead Blvd |
| Logged By: | : Allison Burnap |
| Reviewed By: | : P.G. |

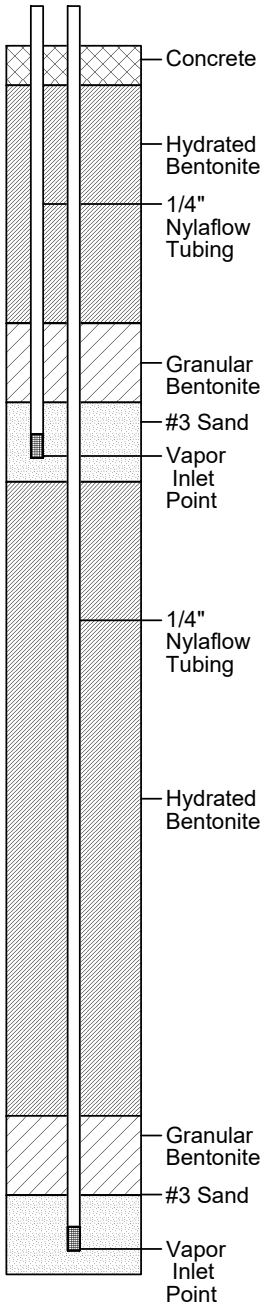
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red

| Depth (ft) | PID (ppmv) | Sample Time | Sample Interval | Column | USCS | DESCRIPTION |
|---|---|---|---|---|---|---|
| 0 | | | | | | 6" Concrete slab |
| | | | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | | 1433 | | | | Silty SAND: fine-grained, brown |
| 5 | | 1435 | | | SM | Same |
| 10 | | 1437 | | | SP | SAND: fine-grained, brown |
| 15 | | 1440 | | | | Same |




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-14.bor

EEC ENVIRONMENTAL

# SB-15

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

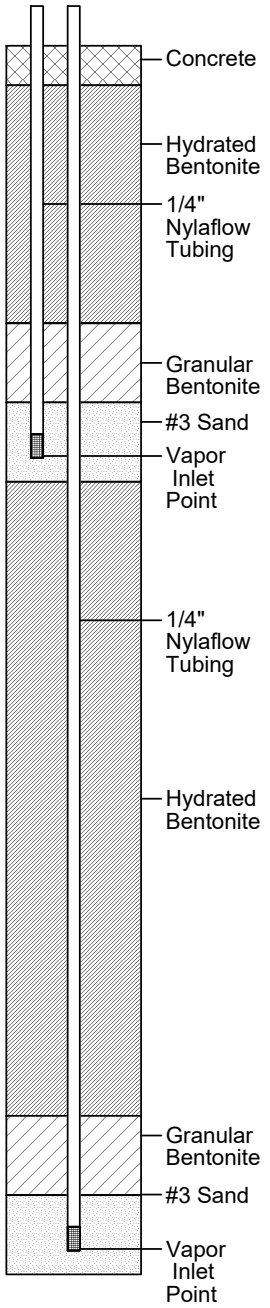
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 5.3 | 0742 | | SAND: brown |
| 5 | 0.0 | 0746 | SP | Same |
| 10 | 0.0 | 0748 | SC | Clayey SAND: fine-grained, brown |
| 15 | 0.0 | 0751 | SP | SAND: brown |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-15.bor

EEC ENVIRONMENTAL

# SB-16

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

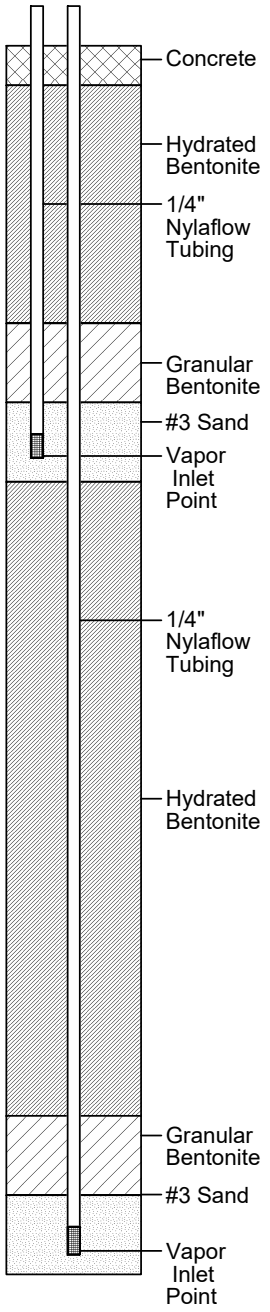
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 30.5 | 1505 | | SAND: dark brown, trace fine gravel |
| 5 | 11.8 | 1508 | SP | SAND: fine- to medium-grained, dark brown |
| 10 | | 1512 | SM | Silty SAND: fine-grained, dark brown |
| 15 | | 1514 | SP | SAND: black/dark brown |

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-16.bor

# SB-17

(Page 1 of 1)

| | |
|---|---|
| Project No.: | S-3537 |
| Site: | Northgate - South El Monte |
| Address: | 2220 Rosemead Blvd |
| Logged By: | Mike Zeko |
| Reviewed By: | P.G. |

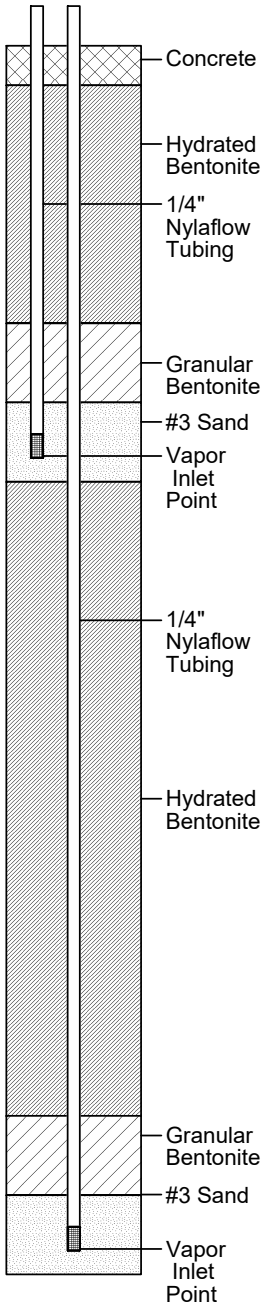
| | |
|---|---|
| Date Drilled | 08/22/2020 |
| Drilling Company | M&R/J&H Drilling |
| Drilling Method | GeoProbe 6610DT |
| Sampling Method | Direct Push |
| Borehole Diameter | 2.25 inch |
| Casing Diameter | 1 inch |
| Location N-S | 34° 3' 14" N |
| Location E-W | 118° 3' 50" W |
| Total Boring Depth | 15 ft bgs |
| First GW Depth | Not Encountered |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 4.0 | 0818 | SP | SAND: yellow brown |
| 5 | 0.9 | 0824 | SM | Silty SAND: brown |
| 10 | 1.8 | 0826 | SP | SAND: gray brown |
| 15 | 1.1 | 0830 | | Same |

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-17.bor

EEC ENVIRONMENTAL

# SB-18

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

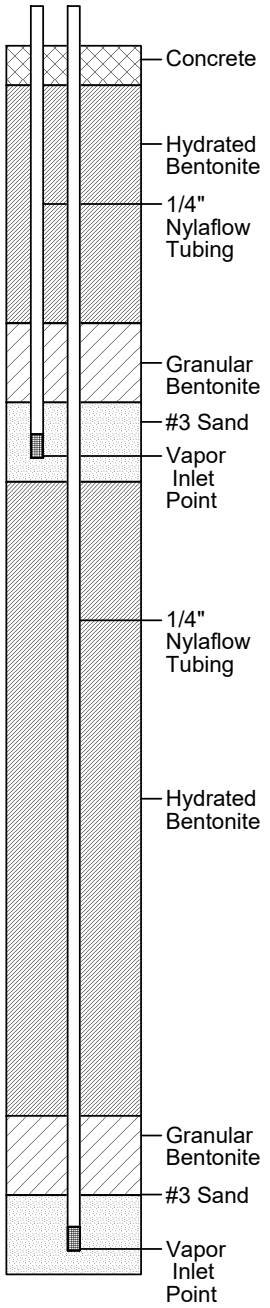
| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 4.0 | 0850 | SP | SAND: yellow brown |
| 5 | 0.9 | 0855 | SM | Silty SAND: brown |
| 10 | 1.8 | 0857 | SP | SAND: gray |
| 15 | 1.1 | 0900 | | Same |

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-18.bor

EEC ENVIRONMENTAL

# SB-19

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

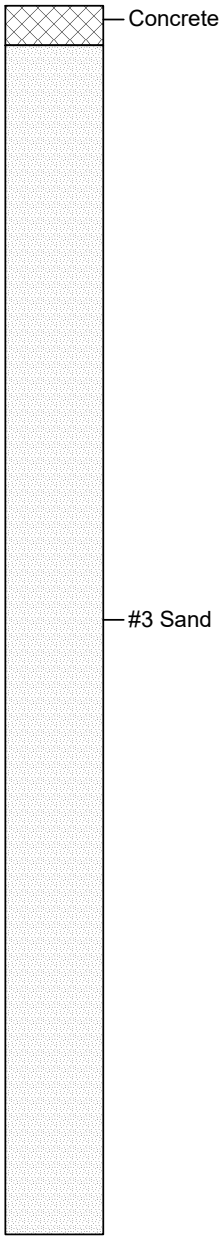
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 3.6 | 1456 | SP | SAND: dark brown, trace fine gravel, staining observed |
| 5 | 0.6 | 1500 | SM | Silty SAND: brown |
| 10 | 0.4 | 1504 | SP | SAND: gray |
| 15 | 0.9 | 1506 | | SAND: black |

SB-19
Soil Sampling Location




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-19.bor

EEC ENVIRONMENTAL

# SB-20

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

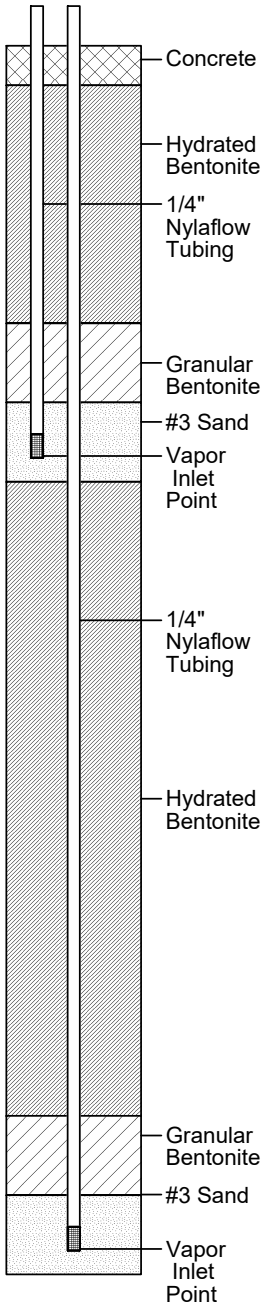
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 152 | 0910 | | SAND: black brown, staining observed, odorous |
| 5 | 44.8 | 0913 | | Same |
| | | | SP | |
| 10 | 22.8 | 0916 | | SAND: gray, less staining observed |
| 15 | 5.5 | 0919 | | Same |




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-20.bor

EEC ENVIRONMENTAL

# SB-21

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

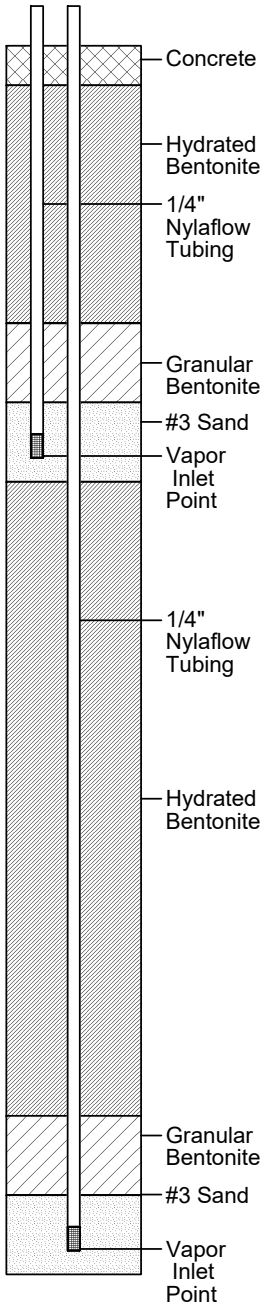
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 643 | 0830 | | SAND: black, staining observed, very odorous |
| 5 | 472 | 0835 | | |
| | | | SP | |
| | | | | Same |
| 10 | 3.1 | 0839 | | |
| 15 | 2.7 | 0842 | | SAND: black, less odorous |




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-21.bor

EEC ENVIRONMENTAL

# SB-22

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

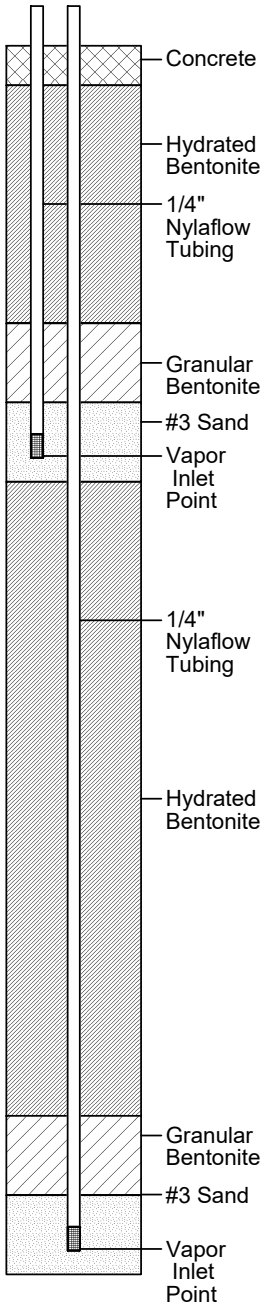
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 3.8 | 1156 | SP | SAND: black, sticky tar 2", underlain by brown sand |
| 5 | 0.4 | 1200 | SM | Silty SAND: brown |
| 10 | 0.0 | 1205 | SP | SAND: brown |
| 15 | 0.0 | 1210 | | |




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-22.bor

EEC ENVIRONMENTAL

# SB-23

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

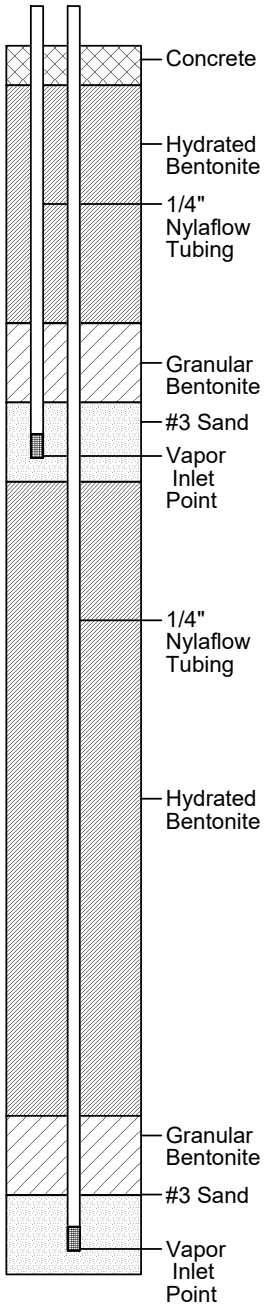
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 0.6 | 1318 | SP | SAND: black, sticky tar 2", underlain by brown sand |
| 5 | 0.5 | 1321 | SM | Silty SAND: brown |
| 10 | 1.1 | 1324 | SP | SAND: brown |
| 15 | 0.5 | 1330 | | |

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-23.bor

EEC ENVIRONMENTAL

# SB-24

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2226 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

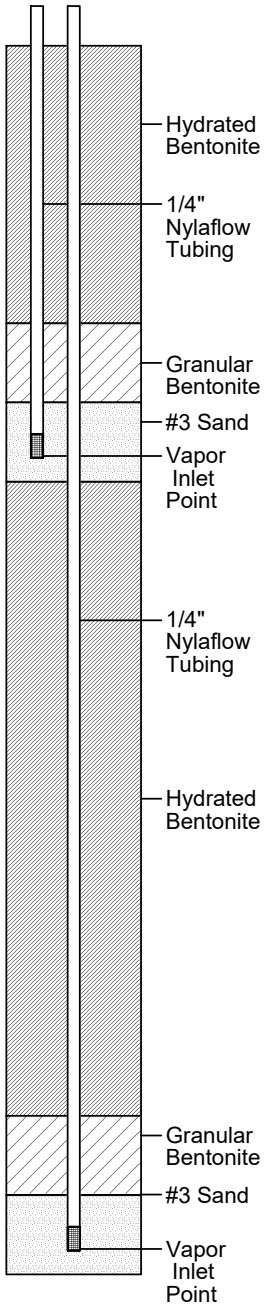
Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 0.0 | 0935 | | SAND: medium- and fine-grained, brown |
| 5 | | 0940 | | |
| | | | SP | |
| | | | | Same |
| 10 | | 0945 | | |
| 15 | | 0947 | | |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-24.bor

EEC ENVIRONMENTAL

# SB-25

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2226 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

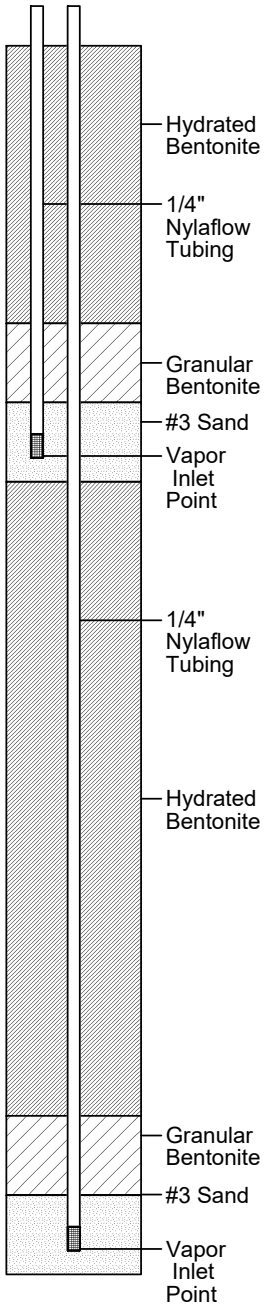
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 28.6 | 116 | SP | SAND: brown |
| 5 | 0.1 | 1119 | SM | Silty SAND: brown |
| 10 | 0.5 | 1121 | | Same |
| 15 | 0.2 | 1124 | | |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-25.bor

# SB-26

(Page 1 of 1)

| | |
|---|---|
| Project No.: | S-3537 |
| Site: | Northgate - South El Monte |
| Address: | 2226 Rosemead Blvd |
| Logged By: | Mike Zeko |
| Reviewed By: | P.G. |

| | |
|---|---|
| Date Drilled | 08/21/2020 |
| Drilling Company | M&R/J&H Drilling |
| Drilling Method | GeoProbe 6610DT |
| Sampling Method | Direct Push |
| Borehole Diameter | 2.25 inch |
| Casing Diameter | 1 inch |
| Location N-S | 34° 3' 14" N |
| Location E-W | 118° 3' 50" W |
| Total Boring Depth | 15 ft bgs |
| First GW Depth | Not Encountered |

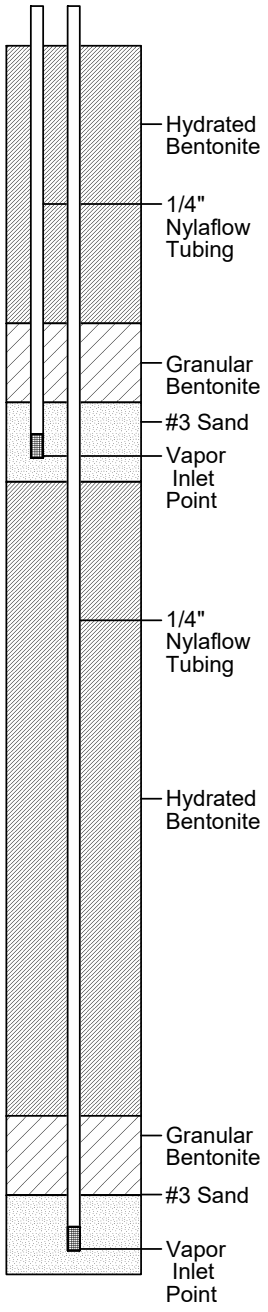
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 0.3 | 1040 | | Silty SAND: gray brown, trace fine gravel |
| 5 | 0.4 | 1044 | SM | Silty SAND: dark brown |
| 10 | 0.3 | 1055 | SP | SAND: brown |
| 15 | 0.0 | 1100 | | SAND: gray brown |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-26.bor

EEC ENVIRONMENTAL

# SB-27

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

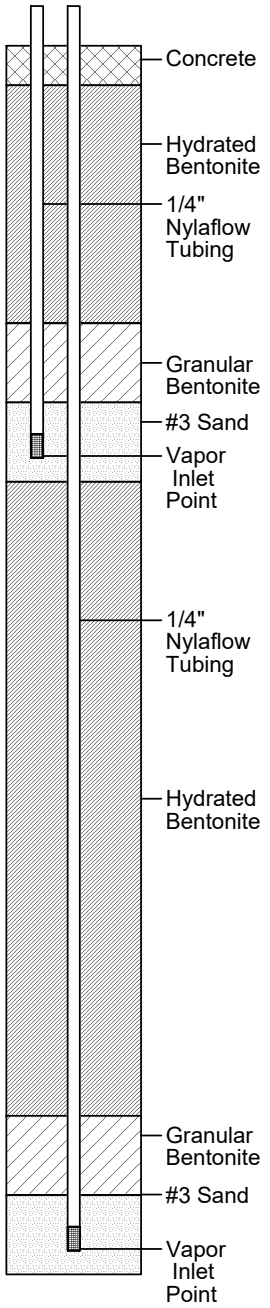
Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 0.2 | 1013 | SP | SAND: black, sticky tar 2", underlain by brown sand |
| 5 | 0.0 | 1016 | SM | Silty SAND: brown |
| 10 | 0.0 | 1020 | SP | SAND: brown |
| 15 | 0.0 | 1023 | | |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red



EEC ENVIRONMENTAL

# SB-28

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

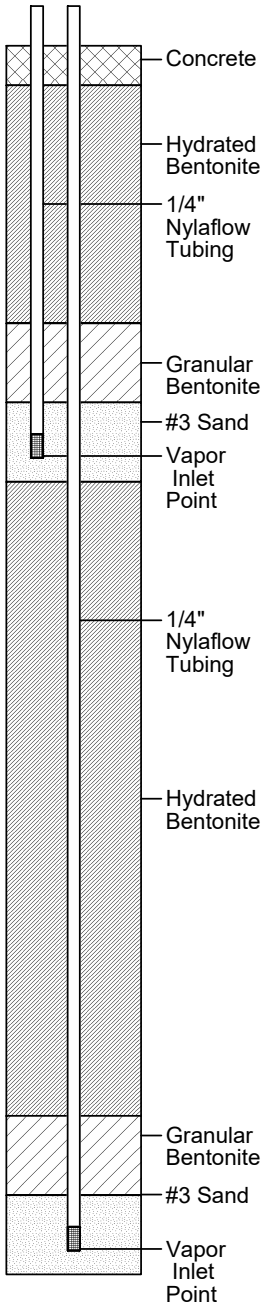
Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 0.2 | 1352 | SP | SAND: brown, trace fine gravel |
| 5 | 0.0 | 1358 | CL | Silty CLAY: brown |
| 10 | 0.0 | 1405 | SP | SAND: gray |
| | | | | Same |
| 15 | 0.0 | 1409 | | |

The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-28.bor

EEC ENVIRONMENTAL

# SB-29

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

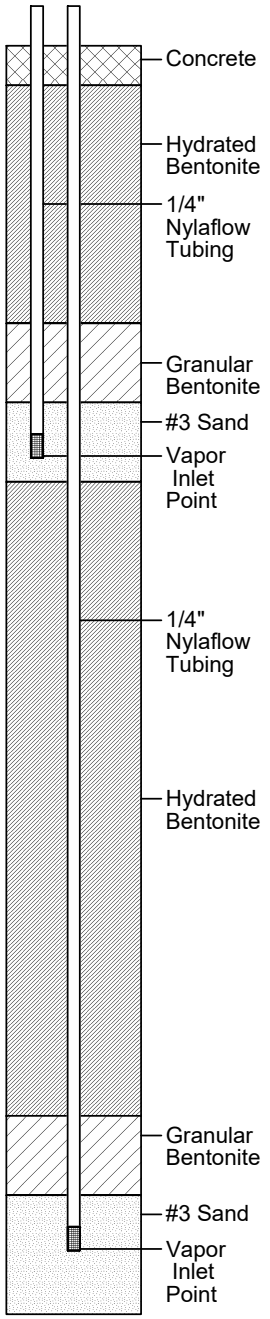
| | |
|---|---|
| Date Drilled | : 08/21/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 0.0 | 1419 | | Clayey SAND: brown |
| 5 | 0.0 | 1422 | SC | Same |
| 10 | 0.1 | 1428 | | SAND: gray |
| | | | SP | |
| | | | | Same |
| 15 | 0.4 | 1429 | | |




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-29.bor

EEC ENVIRONMENTAL

# SB-30

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

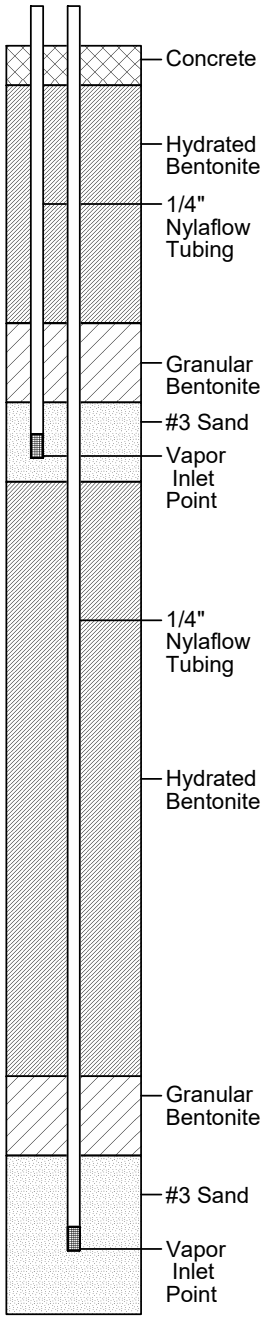
| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | | 0800 | SP | SAND: brown |
| 5 | | 0807 | CL | Silty CLAY: brown |
| 10 | | 0810 | SP | SAND: gray |
| | | | | Same |
| 15 | | 0813 | | |




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-28.bor

EEC ENVIRONMENTAL

# SB-31

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

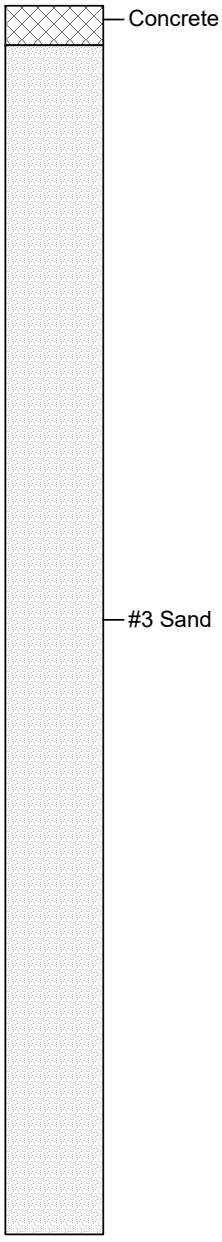
| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 0.0 | 1055 | SP | SAND: dark brown, trace fine gravel |
| 5 | 0.0 | 1058 | SM | Silty SAND: brown |
| 10 | 0.0 | 1100 | SP | SAND: gray brown |
| 15 | 0.0 | 1106 | | Same |

SB-31
Soil Sampling Location




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-32.bor

EEC ENVIRONMENTAL

# SB-32

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

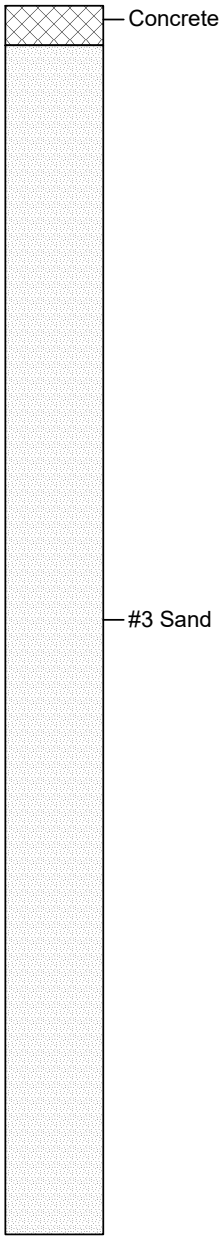
| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- Groundwater After Completion
- Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 3.6 | 1456 | | SAND: dark brown |
| 5 | 0.6 | 1500 | SP | SAND: fine-grained, brown |
| 10 | 0.4 | 1504 | | SAND: gray brown |
| | | | SP | |
| 15 | 0.9 | 1506 | | Same |

SB-32
Soil Sampling Location




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-19.bor

EEC ENVIRONMENTAL

# SB-33

(Page 1 of 1)

| | |
|---|---|
| Project No.: | : S-3537 |
| Site: | : Northgate - South El Monte |
| Address: | : 2220 Rosemead Blvd |
| Logged By: | : Mike Zeko |
| Reviewed By: | : P.G. |

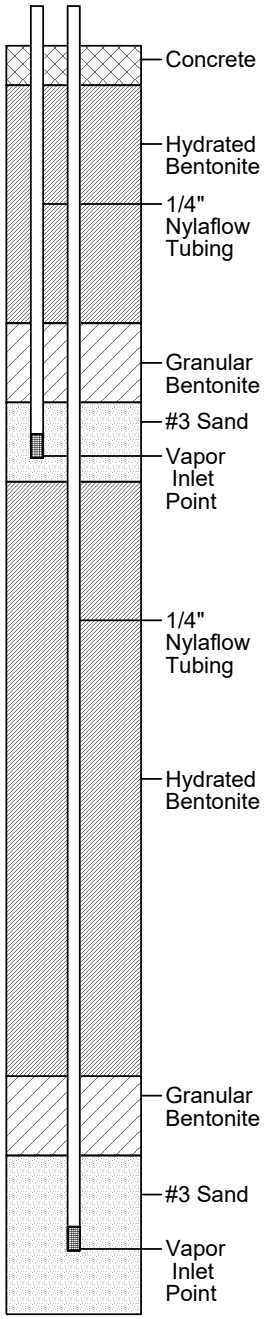
| | |
|---|---|
| Date Drilled | : 08/22/2020 |
| Drilling Company | : M&R/J&H Drilling |
| Drilling Method | : GeoProbe 6610DT |
| Sampling Method | : Direct Push |
| Borehole Diameter | : 2.25 inch |
| Casing Diameter | : 1 inch |
| Location N-S | : 34° 3' 14" N |
| Location E-W | : 118° 3' 50" W |
| Total Boring Depth | : 15 ft bgs |
| First GW Depth | : Not Encountered |

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: Groundwater After Completion; Groundwater During Drilling

| Depth (ft) | PID (ppmv) | Sample Time | USCS | DESCRIPTION |
|---|---|---|---|---|
| 0 | | | | 6" Concrete slab |
| | | | | Borehole was hand augered to 5.5' bgs for utility clearance |
| | 0.5 | 1004 | SP | SAND: brown, trace fine gravel |
| 5 | 0.5 | 1007 | SM | Silty SAND: brown |
| 10 | 0.7 | 1011 | SP | SAND: gray |
| | | | | Same |
| 15 | 0.0 | 1014 | | |

Dual Nested Probe
Shallow @ 5 ft bgs Blue
Deep @ 15 ft bgs Red




The descriptive information for classification symbol and name of soil is based on ASTM D2488 Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).

09-15-2020 Y:\Jobs_s\S3500's\S-3537.01T - Northgate Gonzalez RE - South El Monte\Bore Logs\SB-30.bor

# APPENDIX C
# SOIL AND GROUNDWATER ANALYTICAL REPORTS

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

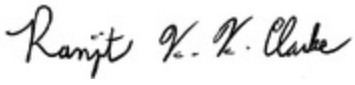
Lab Job Number: 432615
Report Level: II
Report Date: 10/16/2020

**Analytical Report** *prepared for:*

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Project: SOUTH EL MONTE - 2212 Rosemead Blvd. El Monte, CA - Supplemental Report 4

*Authorized for release by:*



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

# Sample Summary

| | | |
|---|---|---|
| Vanessa Layne<br>EEC<br>1 City Boulevard West<br>Suite 1800<br>Orange, CA 92868 | Lab Job #:<br>Project No:<br>Location:<br><br>Date Received: | 432615<br>SOUTH EL MONTE<br>2212 Rosemead Blvd. El Monte, CA - Supplemental Report 4<br>08/24/20 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| SB-1-2' | 432615-001 | 08/22/20 08:40 | Soil |
| SB-1-5' | 432615-002 | 08/22/20 08:52 | Soil |
| SB-1-10' | 432615-003 | 08/22/20 08:55 | Soil |
| SB-1-15' | 432615-004 | 08/22/20 08:58 | Soil |
| SB-2-2' | 432615-005 | 08/22/20 08:58 | Soil |
| SB-2-5' | 432615-006 | 08/22/20 09:02 | Soil |
| SB-2-10' | 432615-007 | 08/22/20 09:04 | Soil |
| SB-2-15' | 432615-008 | 08/22/20 09:06 | Soil |
| SB-3-2' | 432615-009 | 08/22/20 08:35 | Soil |
| SB-3-5' | 432615-010 | 08/21/20 08:45 | Soil |
| SB-3-10' | 432615-011 | 08/21/20 08:38 | Soil |
| SB-3-15' | 432615-012 | 08/21/20 08:49 | Soil |
| SB-4-2' | 432615-013 | 08/21/20 09:02 | Soil |
| SB-4-5' | 432615-014 | 08/21/20 09:08 | Soil |
| SB-4-10' | 432615-015 | 08/21/20 09:10 | Soil |
| SB-4-15' | 432615-016 | 08/21/20 09:16 | Soil |
| SB-5-2' | 432615-017 | 08/21/20 09:35 | Soil |
| SB-5-5' | 432615-018 | 08/21/20 09:45 | Soil |
| SB-5-10' | 432615-019 | 08/21/20 09:50 | Soil |
| SB-5-15' | 432615-020 | 08/21/20 09:55 | Soil |
| SB-6-2' | 432615-021 | 08/22/20 09:25 | Soil |
| SB-6-5' | 432615-022 | 08/22/20 09:28 | Soil |
| SB-6-10' | 432615-023 | 08/22/20 09:33 | Soil |
| SB-6-15' | 432615-024 | 08/22/20 09:36 | Soil |
| SB-7-2' | 432615-025 | 08/22/20 09:50 | Soil |
| SB-7-5' | 432615-026 | 08/22/20 09:52 | Soil |
| SB-7-10' | 432615-027 | 08/22/20 09:55 | Soil |
| SB-7-15' | 432615-028 | 08/22/20 09:57 | Soil |

ENTHALPY ANALYTICAL

# Sample Summary

| | | |
|---|---|---|
| Vanessa Layne<br>EEC<br>1 City Boulevard West<br>Suite 1800<br>Orange, CA 92868 | Lab Job #:<br>Project No:<br>Location:<br><br>Date Received: | 432615<br>SOUTH EL MONTE<br>2212 Rosemead Blvd. El Monte, CA - Supplemental Report 4<br>08/24/20 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| SB-8-2' | 432615-029 | 08/21/20 11:35 | Soil |
| SB-8-5' | 432615-030 | 08/21/20 11:40 | Soil |
| SB-8-10' | 432615-031 | 08/21/20 11:45 | Soil |
| SB-8-15' | 432615-032 | 08/21/20 11:50 | Soil |
| SB-9-2' | 432615-033 | 08/21/20 10:40 | Soil |
| SB-9-5' | 432615-034 | 08/21/20 10:45 | Soil |
| SB-9-10' | 432615-035 | 08/21/20 10:50 | Soil |
| SB-9-15' | 432615-036 | 08/21/20 11:00 | Soil |
| SB-10-2' | 432615-037 | 08/21/20 13:06 | Soil |
| SB-10-5' | 432615-038 | 08/21/20 13:13 | Soil |
| SB-10-10' | 432615-039 | 08/21/20 13:14 | Soil |
| SB-10-15' | 432615-040 | 08/21/20 13:17 | Soil |
| SB-11-2' | 432615-041 | 08/21/20 14:48 | Soil |
| SB-11-5' | 432615-042 | 08/21/20 14:50 | Soil |
| SB-11-10' | 432615-043 | 08/21/20 14:53 | Soil |
| SB-11-15' | 432615-044 | 08/21/20 14:55 | Soil |
| SB-12-2' | 432615-045 | 08/21/20 13:27 | Soil |
| SB-12-5' | 432615-046 | 08/21/20 13:32 | Soil |
| SB-12-10' | 432615-047 | 08/21/20 13:40 | Soil |
| SB-12-15' | 432615-048 | 08/21/20 13:44 | Soil |
| SB-13-2' | 432615-049 | 08/21/20 13:47 | Soil |
| SB-13-5' | 432615-050 | 08/21/20 13:55 | Soil |
| SB-13-10' | 432615-051 | 08/21/20 14:02 | Soil |
| SB-13-15' | 432615-052 | 08/21/20 14:08 | Soil |
| SB-14-2' | 432615-053 | 08/21/20 14:33 | Soil |
| SB-14-5' | 432615-054 | 08/21/20 14:35 | Soil |
| SB-14-10' | 432615-055 | 08/21/20 14:37 | Soil |
| SB-14-15' | 432615-056 | 08/21/20 14:40 | Soil |

ENTHALPY ANALYTICAL

# Sample Summary

| | | |
|---|---|---|
| Vanessa Layne<br>EEC<br>1 City Boulevard West<br>Suite 1800<br>Orange, CA 92868 | Lab Job #:<br>Project No:<br>Location:<br><br>Date Received: | 432615<br>SOUTH EL MONTE<br>2212 Rosemead Blvd. El Monte, CA - Supplemental Report 4<br>08/24/20 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| SB-15-2' | 432615-057 | 08/22/20 07:42 | Soil |
| SB-15-5' | 432615-058 | 08/22/20 07:46 | Soil |
| SB-15-10' | 432615-059 | 08/22/20 07:48 | Soil |
| SB-15-15' | 432615-060 | 08/22/20 07:51 | Soil |
| SB-16-2' | 432615-061 | 08/21/20 15:05 | Soil |
| SB-16-5' | 432615-062 | 08/21/20 15:08 | Soil |
| SB-16-10' | 432615-063 | 08/21/20 15:12 | Soil |
| SB-16-15' | 432615-064 | 08/21/20 15:14 | Soil |
| SB-17-2' | 432615-065 | 08/22/20 08:18 | Soil |
| SB-17-5' | 432615-066 | 08/22/20 08:24 | Soil |
| SB-17-10' | 432615-067 | 08/22/20 08:26 | Soil |
| SB-17-15' | 432615-068 | 08/22/20 08:30 | Soil |
| SB-18-2' | 432615-069 | 08/22/20 08:50 | Soil |
| SB-18-5' | 432615-070 | 08/22/20 08:55 | Soil |
| SB-18-10' | 432615-071 | 08/22/20 08:57 | Soil |
| SB-18-15' | 432615-072 | 08/22/20 09:00 | Soil |
| SB-19-2' | 432615-073 | 08/21/20 14:56 | Soil |
| SB-19-5' | 432615-074 | 08/21/20 15:00 | Soil |
| SB-19-10' | 432615-075 | 08/21/20 15:04 | Soil |
| SB-19-15' | 432615-076 | 08/21/20 15:06 | Soil |
| SB-20-2' | 432615-077 | 08/21/20 09:10 | Soil |
| SB-20-5' | 432615-078 | 08/21/20 09:13 | Soil |
| SB-20-10- | 432615-079 | 08/21/20 09:16 | Soil |
| SB-20-15' | 432615-080 | 08/21/20 09:19 | Soil |
| SB-21-2' | 432615-081 | 08/21/20 08:30 | Soil |
| SB-21-5' | 432615-082 | 08/21/20 08:35 | Soil |
| SB-21-10' | 432615-083 | 08/21/20 08:39 | Soil |
| SB-21-15' | 432615-084 | 08/21/20 08:42 | Soil |

ENTHALPY ANALYTICAL

# Sample Summary

| | | |
|---|---|---|
| Vanessa Layne<br>EEC<br>1 City Boulevard West<br>Suite 1800<br>Orange, CA 92868 | Lab Job #:<br>Project No:<br>Location:<br><br>Date Received: | 432615<br>SOUTH EL MONTE<br>2212 Rosemead Blvd. El Monte, CA - Supplemental Report 4<br>08/24/20 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| SB-22-2' | 432615-085 | 08/21/20 11:56 | Soil |
| SB-22-5' | 432615-086 | 08/21/20 12:00 | Soil |
| SB-22-10' | 432615-087 | 08/21/20 12:05 | Soil |
| SB-22-15' | 432615-088 | 08/21/20 12:10 | Soil |
| SB-23-2' | 432615-089 | 08/21/20 13:18 | Soil |
| SB-23-5' | 432615-090 | 08/21/20 13:21 | Soil |
| SB-23-10' | 432615-091 | 08/21/20 13:24 | Soil |
| SB-23-15' | 432615-092 | 08/21/20 13:30 | Soil |
| SB-24-2' | 432615-093 | 08/21/20 09:35 | Soil |
| SB-24-5' | 432615-094 | 08/21/20 09:40 | Soil |
| SB-24-10' | 432615-095 | 08/21/20 09:45 | Soil |
| SB-24-15' | 432615-096 | 08/21/20 09:47 | Soil |
| SB-25-2' | 432615-097 | 08/21/20 11:16 | Soil |
| SB-25-5' | 432615-098 | 08/21/20 11:19 | Soil |
| SB-25-10' | 432615-099 | 08/21/20 11:21 | Soil |
| SB-25-15' | 432615-100 | 08/21/20 11:24 | Soil |
| SB-26-2' | 432615-101 | 08/21/20 10:40 | Soil |
| SB-26-5' | 432615-102 | 08/21/20 10:44 | Soil |
| SB-26-10' | 432615-103 | 08/21/20 10:55 | Soil |
| SB-26-15' | 432615-104 | 08/21/20 10:55 | Soil |
| SB-27-2' | 432615-105 | 08/21/20 10:13 | Soil |
| SB-27-5' | 432615-106 | 08/21/20 10:16 | Soil |
| SB-27-10' | 432615-107 | 08/21/20 10:20 | Soil |
| SB-27-15' | 432615-108 | 08/21/20 10:23 | Soil |
| SB-28-2' | 432615-109 | 08/21/20 13:58 | Soil |
| SB-28-5' | 432615-110 | 08/21/20 13:58 | Soil |
| SB-28-10' | 432615-111 | 08/21/20 14:05 | Soil |
| SB-28-15' | 432615-112 | 08/21/20 14:09 | Soil |

ENTHALPY ANALYTICAL

# Sample Summary

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Lab Job #: 432615
Project No: SOUTH EL MONTE
Location: 2212 Rosemead Blvd. El Monte, CA - Supplemental Report 4
Date Received: 08/24/20

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| SB-29-2' | 432615-113 | 08/21/20 14:19 | Soil |
| SB-29-5' | 432615-114 | 08/21/20 14:22 | Soil |
| SB-29-10' | 432615-115 | 08/21/20 14:28 | Soil |
| SB-29-15' | 432615-116 | 08/21/20 14:29 | Soil |
| SB-30-2' | 432615-117 | 08/22/20 08:00 | Soil |
| SB-30-5' | 432615-118 | 08/22/20 08:07 | Soil |
| SB-30-10' | 432615-119 | 08/22/20 08:10 | Soil |
| SB-30-15' | 432615-120 | 08/22/20 08:13 | Soil |
| SB-31-2' | 432615-121 | 08/22/20 10:55 | Soil |
| SB-31-5' | 432615-122 | 08/22/20 10:58 | Soil |
| SB-31-10' | 432615-123 | 08/22/20 11:00 | Soil |
| SB-31-15' | 432615-124 | 08/22/20 11:06 | Soil |
| SB-32-2' | 432615-125 | 08/22/20 10:20 | Soil |
| SB-32-5' | 432615-126 | 08/22/20 10:25 | Soil |
| SB-32-10' | 432615-127 | 08/22/20 10:28 | Soil |
| SB-32-15' | 432615-128 | 08/22/20 10:32 | Soil |
| SB-33-2' | 432615-129 | 08/22/20 10:04 | Soil |
| SB-33-5' | 432615-130 | 08/22/20 10:07 | Soil |
| SB-33-10' | 432615-131 | 08/22/20 10:11 | Soil |
| SB-33-15' | 432615-132 | 08/22/20 10:14 | Soil |

ENTHALPY ANALYTICAL

# Case Narrative

| | | |
|---|---|---|
| EEC<br>1 City Boulevard West<br>Suite 1800<br>Orange, CA 92868<br>Vanessa Layne | Lab Job Number: | 432615 |
| | Project No: | SOUTH EL MONTE |
| | Location: | 2212 Rosemead Blvd. El Monte, CA - Supplemental Report 4 |
| | Date Received: | 08/24/20 |

This data package contains sample and QC results for seventy five soil samples, requested for the above referenced project on 08/24/20. The samples were received cold and intact.

**TPH-Extractables by GC (EPA 8015B):**

TPH (C23-C44) was detected between the MDL and the RL in the method blank for batch 251698. TPH (C23-C44) was detected between the MDL and the RL in the method blank for batch 251790. Many samples were diluted due to the dark color of the sample extracts. No other analytical problems were encountered.

**Volatile Organics by GC/MS (EPA 8260B):**

High response was observed for acetone in the CCV analyzed 08/28/20 21:21; this analyte was not detected at or above the RL in the associated samples, and affected data was qualified with "b". Many analytes were detected between the MDL and the RL in the method blank for batch 251658; these analytes were either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank. Naphthalene was detected between the MDL and the RL in the method blank for batch 251659; this analyte was not detected in samples at or above the RL. A number of analytes were detected between the MDL and the RL in the method blank for batch 251805; these analytes were not detected in samples at or above the RL. Naphthalene was detected between the MDL and the RL in the method blank for batch 251834; this analyte was either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank. Many analytes were detected between the MDL and the RL in the method blank for batch 251915; these analytes were not detected in samples at or above the RL. Bromomethane, chloromethane, and ethylbenzene were detected between the MDL and the RL in the method blank for batch 252015; these analytes were not detected in the sample at or above the RL. Methylene chloride was detected above the RL in SB-23-2' (lab # 432615-089); this analyte is a common laboratory contaminant. Methylene chloride was also detected between the MDL and the RL in SB-21-2' (lab # 432615-081). SB-11-2' (lab # 432615-041) was diluted due to high non-target analytes. No other analytical problems were encountered.

**Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):**

High response was observed for dibenz(a,h)anthracene in the ICV analyzed 08/31/20 15:12; this analyte was not detected at or above the RL in the associated samples, and affected data was qualified with "b". High responses were observed for benzo(a)pyrene and benzo(b)fluoranthene in the CCV analyzed 08/27/20 11:35; these analytes were not detected at or above the RL in the associated samples, and affected data was qualified with "b". High responses were observed for benzo(a)pyrene and benzo(b)fluoranthene in the CCV analyzed 08/29/20 16:19; these analytes were not detected at or above the RL in the associated samples, and affected data was qualified with "b". High response was observed for benzo(a)pyrene in the CCV analyzed 08/31/20 12:12; this analyte was not detected at or above the RL in the associated samples, and affected data was qualified with "b". Low recoveries were observed for many analytes in the MS/MSD for batch 251938; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits. High RPD was observed for a number of analytes in the MS/MSD of SB-2-2' (lab # 432615-005); these analytes were not detected at or above the RL in the associated samples. Low surrogate recovery was observed for terphenyl-d14 in SB-20-2' (lab # 432615-077). High surrogate recoveries were also observed for terphenyl-d14 in SB-8-2' (lab # 432615-029) and SB-9-2' (lab # 432615-033); no target analytes were detected at or above RL in these samples. High surrogate recovery was observed for 2-fluorobiphenyl in SB-23-2' (lab # 432615-089). Fluoranthene and pyrene were detected between the MDL and the RL in the method blank for batch 251614. Many analytes were detected between the MDL and the RL in the method blank for batch 251693. A number of analytes were detected between the MDL and the RL in the method blank for batch 251938; these analytes were not detected in samples at or above the RL. Many samples were diluted due to the dark color of the sample extracts. No other analytical problems were encountered.

**PCBs (EPA 8082):**

High recovery was observed for Aroclor-1016 in the MS for batch 252650; the parent sample was not a project sample, the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was observed for Aroclor-1016 in the MS/MSD for batch 254414; the parent sample was not a project sample, and this analyte was not detected at or above the RL in the associated sample. High surrogate recoveries were observed for decachlorobiphenyl (PCB) in SB-14-2' (lab # 432615-053) and the LCS for batch 254414. A number of samples were prepared outside of hold time; affected data was qualified with "H". SB-17-2' (lab # 432615-065), SB-20-2' (lab # 432615-077), and SB-27-2' (lab # 432615-105) were diluted due to high non-target analytes. No other analytical problems were encountered.

**Metals (EPA 6010B and EPA 7471A):**

High response was observed for selenium in the CCV analyzed 09/15/20 11:54; affected data was qualified with "b". High recovery was observed for lead in the MS for batch 252543; the parent sample was not a project sample, and the LCS was within limits. High RPD was also observed for lead in the MS/MSD for batch 252543. Low recoveries were observed for antimony in the MS/MSD of SB-5-2' (lab # 432615-017); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for mercury in the MS of SB-23-2' (lab # 432615-089); the LCS was within limits, and the associated RPD was within limits. High recoveries were observed for barium and chromium in the MS/MSD of SB-23-2' (lab # 432615-089); the LCS was within limits, and the associated RPDs were within limits. Low recoveries were observed for antimony in the MS/MSD of SB-10-5' (lab # 432615-038); the LCS was within limits, and the associated RPD was within limits. Low recoveries were observed for antimony in the MS/MSD for batch 252610; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits. Zinc was detected between the MDL and the RL in the method blank for batch 252358; this analyte was detected in samples at a level at least 10 times that of the blank. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

# Chain of Custody Record

Lab No: 432615

Page: 1 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | Allison Burnap AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-1-2' | 8/22/2020 | 0840 | S | 4 | | X | X | | X | | | | | | Report MDLs and flags |
| 2 | SB-1-5' | 8/22/2020 | 0852 | S | 4 | | X | X | | | | | | | | |
| 3 | SB-1-10' | 8/22/2020 | 0855 | S | 1 | | | | | | | | | | X | |
| 4 | SB-1-15' | 8/22/2020 | 0858 | S | 1 | | | | | | | | | | X | |
| 5 | SB-2-2' | 8/22/2020 | 0858 | S | 4 | | X | X | X | | | | | | | |
| 6 | SB-2-5' | 8/22/2020 | 0902 | S | 4 | | X | X | | | | | | | | |
| 7 | SB-2-10' | 8/22/2020 | 0904 | S | 1 | | | | | | | | | | X | |
| 8 | SB-2-15' | 8/22/2020 | 0906 | S | 1 | | | | | | | | | | X | |
| 9 | SB-3-2' | 8/21/2020 | 0835 | S | 1 | | | | | | | | | | X | |
| 10 | SB-3-5' | 8/21/2020 | 0845 | S | 4 | | ~~X~~ | ~~X~~ | ~~X~~ | | | | | | X | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Allison Burnap | EEC/Staff Geologist | 8/24/20 830 |
| [1] Received By: | | FedEx | ES | 8/24/20 0830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |

ENTHALPY ANALYTICAL

**Chain of Custody Record**

Lab No: 432615

Page: 2 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | Allison Burnap |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCs - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-3-10' | 8/21/2020 | 0838 | S | 4 | | X | X | X | | | | | | | Report MDLs and flags |
| 2 | SB-3-15' | 8/21/2020 | 0849 | S | 4 | | X | X | | | | | | | X | |
| 3 | SB-4-2' | 8/21/2020 | 0902 | S | 4 | | X | X | X | X | | | | | | |
| 4 | SB-4-5' | 8/21/2020 | 0908 | S | 4 | | X | X | | | | | | | | |
| 5 | SB-4-10' | 8/21/2020 | 0910 | S | 4 | | | | | | | | | | X | |
| 6 | SB-4-15' | 8/21/2020 | 0916 | S | 4 | | | | | | | | | | X | |
| 7 | SB-5-2' | 8/21/2020 | 0935 | S | 4 | | X | X | X | | | | | | | |
| 8 | SB-5-5' | 8/21/2020 | 0945 | S | 4 | | X | X | | | | | | | | |
| 9 | SB-5-10' | 8/21/2020 | 0950 | S | 4 | | | | | | | | | | X | |
| 10 | SB-5-15' | 8/21/2020 | 0955 | S | 4 | | | | | | | | | | X | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| 1 Relinquished By: | | Allison Burnap | EEC/Staff Geologist | 8/24/20 830 |
| 1 Received By: | | FPOWS | EAS | 8/24/20 0830 |
| 2 Relinquished By: | | | | |
| 2 Received By: | | | | |
| 3 Relinquished By: | | | | |

ENTHALPY ANALYTICAL

**Chain of Custody Record**

Lab No: 432615

Page: 3 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | Allison Burnap AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-6-2' | 8/22/2020 | 0925 | S | 4 | | X | X | X | | | | | | | | Report MDLs and flags |
| 2 | SB-6-5' | 8/22/2020 | 0928 | S | 4 | | X | X | | | | | | | | | |
| 3 | SB-6-10' | 8/22/2020 | 0933 | S | 1 | | | | | | | | | | | X | |
| 4 | SB-6-15' | 8/22/2020 | 0936 | S | 1 | | | | | | | | | | | X | |
| 5 | SB-7-2' | 8/22/2020 | 0950 | S | 4 | | X | X | X | | | | | | | | |
| 6 | SB-7-5' | 8/22/2020 | 0952 | S | 4 | | X | X | | | | | | | | | |
| 7 | SB-7-10' | 8/22/2020 | 0955 | S | 1 | | | | | | | | | | | X | |
| 8 | SB-7-15' | 8/22/2020 | 0957 | S | 1 | | | | | | | | | | | X | |
| 9 | SB-8-2' | 8/21/2020 | 1135 | S | 4 | | X | X | X | | | | | | | | |
| 10 | SB-8-5' | 8/21/2020 | 1140 | S | 4 | | X | X | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Allison Burnap | EEC/Staff Geologist | 8/24/20 830 |
| [1] Received By: | | FEDEX | EEC | 8/24/20 083 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# Chain of Custody Record

Lab No: 432615

Page: 4 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | Allison Burnap AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-8-10' | 8/21/2020 | 1145 | S | 4 | | | | | | | | | | | X | Report MDLs and flags |
| 2 | SB-8-15' | 8/21/2020 | 1150 | S | 4 | | | | | | | | | | | X | |
| 3 | SB-9-2' | 8/21/2020 | 1040 | S | 4 | | X | X | X | | | | | | | | |
| 4 | SB-9-5' | 8/21/2020 | 1045 | S | 4 | | X | X | | | | | | | | | |
| 5 | SB-9-10' | 8/21/2020 | 1050 | S | 4 | | | | | | | | | | | X | |
| 6 | SB-9-15' | 8/21/2020 | 1100 | S | 4 | | | | | | | | | | | X | |
| 7 | SB-10-2' | 8/21/2020 | 1306 | S | 4 | | X | X | X | | | | | | | | |
| 8 | SB-10-5' | 8/21/2020 | 1313 | S | 4 | | X | X | | | | | | | | | |
| 9 | SB-10-10' | 8/21/2020 | 1314 | S | 4 | | | | | | | | | | | X | |
| 10 | SB-10-15' | 8/21/2020 | 1317 | S | 4 | | | | | | | | | | | X | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Allison Burnap | EEC/Staff Geologist | 8/24/20 830 |
| [1] Received By: | | | EA | 8/24/20 0830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

**Chain of Custody Record**

Lab No: 432615

Page: 5 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

**Matrix:** A = Air S = Soil/Solid
W = Water DW = Drinking Wate SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:**
1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$
4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:**

(lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | Allison Burnap AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Analysis Request | | | | | | | | | | Report MDLs and flags |
| 1 | SB-11-2' | 8/21/2020 | 1448 | S | 4 | | X | X | X | X | | | | | | | |
| 2 | SB-11-5' | 8/21/2020 | 1450 | S | 4 | | X | X | | | | | | | | | |
| 3 | SB-11-10' | 8/21/2020 | 1453 | S | 4 | | | | | | | | | | | X | |
| 4 | SB-11-15' | 8/21/2020 | 1455 | S | 4 | | | | | | | | | | | X | |
| 5 | SB-12-2' | 8/21/2020 | 1327 | S | 4 | | X | X | X | X | | | | | | | |
| 6 | SB-12-5' | 8/21/2020 | 1332 | S | 4 | | X | X | | | | | | | | | |
| 7 | SB-12-10' | 8/21/2020 | 1340 | S | 4 | | | | | | | | | | | X | |
| 8 | SB-12-15' | 8/21/2020 | 1344 | S | 4 | | | | | | | | | | | X | |
| 9 | SB-13-2' | 8/21/2020 | 1347 | S | 4 | | X | X | X | | | | | | | | |
| 10 | SB-13-5' | 8/21/2020 | 1355 | S | 4 | | X | X | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Allison Burnap | EEC/Staff Geologist | 8/24/20 830 |
| [1] Received By: | | Fedex | ES | 8/24/20 0830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

**Chain of Custody Record**

Lab No: 432615

Page: 6 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | Allison Burnap AW PMZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-13-10' | 8/21/2020 | 1402 | S | 4 | | X | X | | | | | | | | | Report MDLs and flags |
| 2 | SB-13-15' | 8/21/2020 | 1408 | S | 4 | | | | | | | | | | | X | |
| 3 | SB-14-2' | 8/21/2020 | 1433 | S | 4 | | X | X | X | X | | | | | | | |
| 4 | SB-14-5' | 8/21/2020 | 1435 | S | 4 | | X | X | | | | | | | | | |
| 5 | SB-14-10' | 8/21/2020 | 1437 | S | 4 | | | | | | | | | | | X | |
| 6 | SB-14-15' | 8/21/2020 | 1440 | S | 4 | | | | | | | | | | | X | |
| 7 | SB-15-2' | 8/22/2020 | 0742 | S | 4 | | X | X | X | X | | | | | | | |
| 8 | SB-15-5' | 8/22/2020 | 0746 | S | 4 | | X | X | | | | | | | | | |
| 9 | SB-15-10' | 8/22/2020 | 0748 | S | 1 | | | | | | | | | | | X | |
| 10 | SB-15-15' | 8/22/2020 | 0751 | S | 1 | | | | | | | | | | | X | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Allison Burnap | EEC / Staff Geologist | 8/24/20 830 |
| [1] Received By: | | FedEx | ES | 8/24/20 930 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# Chain of Custody Record

Lab No: 432615

Page: 7 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | Allison Brannan AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-16-2' | 8/21/2020 | 1505 | S | 4 | | X | X | X | | | | | | | | Report MDLs and flags |
| 2 | SB-16-5' | 8/21/2020 | 1508 | S | 4 | | X | X | | | | | | | | | |
| 3 | SB-16-10' | 8/21/2020 | 1512 | S | 4 | | | | | | | | | | | X | |
| 4 | SB-16-15' | 8/21/2020 | 1514 | S | 4 | | | | | | | | | | | X | |
| 5 | SB-17-2' | 8/22/2020 | 0818 | S | 4 | | X | X | X | X | | | | | | | |
| 6 | SB-17-5' | 8/22/2020 | 0824 | S | 4 | | X | X | | | | | | | | | |
| 7 | SB-17-10' | 8/22/2020 | 0826 | S | 1 | | | | | | | | | | | X | |
| 8 | SB-17-15' | 8/22/2020 | 0830 | S | 1 | | | | | | | | | | | X | |
| 9 | SB-18-2' | 8/22/2020 | 0850 | S | 4 | | X | X | X | | | | | | | | |
| 10 | SB-18-5' | 8/22/2020 | 0855 | S | 4 | | X | X | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Allison Brannan | EEC/STAFF GEOLOGIST | 8/24/20 830 |
| [1] Received By: | | | | 8/24/20 830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# Chain of Custody Record

Lab No: 432615

Page: 8 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | Allison Burnap |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-18-10' | 8/22/2020 | 0857 | S | 1 | | | | | | | | | | | X | Report MDLs and flags |
| 2 | SB-18-15' | 8/22/2020 | 0900 | S | 1 | | | | | | | | | | | X | |
| 3 | SB-19-2' | 8/21/2020 | 1456 | S | 4 | | X | X | X | | | | | | | | |
| 4 | SB-19-5' | 8/21/2020 | 1500 | S | 4 | | X | X | | | | | | | | | |
| 5 | SB-19-10' | 8/21/2020 | 1504 | S | 1 | | | | | | | | | | | X | |
| 6 | SB-19-15' | 8/21/2020 | 1506 | S | 1 | | | | | | | | | | | X | |
| 7 | SB-20-2' | 8/21/2020 | 0910 | S | 4 | | X | X | X | X | | | | | | | |
| 8 | SB-20-5' | 8/21/2020 | 0913 | S | 4 | | X | X | | | | | | | | | |
| 9 | SB-20-10' | 8/21/2020 | 0916 | S | 1 | | | | | | | | | | | X | |
| 10 | SB-20-15' | 8/21/2020 | 0919 | S | 1 | | | | | | | | | | | X | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Allison Burnap | EEC/Staff Geologist | 8/24/20 830 |
| [1] Received By: | | FPDM | CAS | 8/25/20 830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# Chain of Custody Record

Lab No: 432615

Page: 9 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | ALLISON BURNAP AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-21-2' | 8/21/2020 | 0830 | S | 4 | | | | | | | | | | | X | Report MDLs and flags |
| 2 | SB-21-5' | 8/21/2020 | 0835 | S | 4 | | X | X | X | | | | | | | | |
| 3 | SB-21-10' | 8/21/2020 | 0839 | S | 1 | | X | X | | | | | | | | | |
| 4 | SB-21-15' | 8/21/2020 | 0842 | S | 1 | | | | | | | | | | | X | |
| 5 | SB-22-2' | 8/21/2020 | 1156 | ~~S~~ S | 4 | | X | X | X | | | | | | | | |
| 6 | SB-22-5' | 8/21/2020 | 1200 | ~~S~~ S | 4 | | X | X | | | | | | | | | |
| 7 | SB-22-10' | 8/21/2020 | 1205 | ~~S~~ S | 1 | | | | | | | | | | | X | |
| 8 | SB-22-15' | 8/21/2020 | 1210 | ~~S~~ S | 1 | | | | | | | | | | | X | |
| 9 | SB-23-2' | 8/21/2020 | 1318 | S | 4 | | X | X | X | | | | | | | | |
| 10 | SB-23-5' | 8/21/2020 | 1321 | S | 4 | | X | X | | | | | | | | | |

8/22/20

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | ALLISON BURNAP | EEC / STAFF GEOLOGIST | 8/24/20 830 |
| [1] Received By: | | [illegible] | EEC | 8/24/20 [illegible] |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

# ENTHALPY ANALYTICAL

**Chain of Custody Record**

Lab No: 432615

Page: 10 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | ALLISON BURNAP AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-23-10' | 8/21/2020 | 1324 | S | 1 | | | | | | | | | | | X | Report MDLs and flags |
| 2 | SB-23-15' | 8/21/2020 | 1330 | S | 1 | | | | | | | | | | | X | |
| 3 | SB-24-2' | 8/21/2020 | 0935 | S | 4 | | X | X | X | | | | | | | | |
| 4 | SB-24-5' | 8/21/2020 | 0940 | S | 4 | | X | X | | | | | | | | | |
| 5 | SB-24-10' | 8/21/2020 | 0945 | S | 1 | | | | | | | | | | | X | |
| 6 | SB-24-15' | 8/21/2020 | 0947 | S | 1 | | | | | | | | | | | X | |
| 7 | SB-25-2' | 8/21/2020 | 1116 | S | 4 | | X | X | X | | | | | | | | |
| 8 | SB-25-5' | 8/21/2020 | 1119 | S | 4 | | X | X | | | | | | | | | |
| 9 | SB-25-10' | 8/21/2020 | 1121 | S | 1 | | | | | | | | | | | X | |
| 10 | SB-25-15' | 8/21/2020 | 1124 | S | 1 | | | | | | | | | | | X | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | ALLISON BURNAP | EEC/STAFF GEOLOGIST | 8/24/20 930 |
| [1] Received By: | | FedEx | CM | 8/24/20 830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

**Chain of Custody Record**

Lab No: 432615

Page: 11 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

**Matrix:** A = Air S = Soil/Solid
W = Water DW = Drinking Wate SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:**
1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$
4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:**

(lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | ALLISON BURNAP AB MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-26-2' | 8/21/2020 | 1040 | S | 4 | | X | X | X | | | | | | | | Report MDLs and flags |
| 2 | SB-26-5' | 8/21/2020 | 1044 | S | 4 | | X | X | | | | | | | | | |
| 3 | SB-26-10' | 8/21/2020 | 1055 | S | 1 | | | | | | | | | | | X | |
| 4 | SB-26-15' | 8/21/2020 | 1055 | S | 1 | | | | | | | | | | | X | |
| 5 | SB-27-2' | 8/21/2020 | 1013 | S | 4 | | X | X | X | X | | | | | | | |
| 6 | SB-27-5' | 8/21/2020 | 1016 | S | 4 | | X | X | | | | | | | | | |
| 7 | SB-27-10' | 8/21/2020 | 1020 | S | 1 | | | | | | | | | | | X | |
| 8 | SB-27-15' | 8/21/2020 | 1023 | S | 1 | | | | | | | | | | | X | |
| 9 | SB-28-2' | 8/21/2020 | 1358 | S | 4 | | X | X | X | | | | | | | | |
| 10 | SB-28-5' | 8/21/2020 | 1358 | S | 4 | | X | X | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | ALLISON BURNAP | EEC / STAFF GEOLOGIST | 8/24/20 830 |
| [1] Received By: | | [illegible] | EEC | 8/24/20 830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

**Chain of Custody Record**

Lab No: 432615

Page: 12 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | Allison Burnap AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-28-10' | 8/21/2020 | 1405 | S | 1 | | | | | | | | | | | X | Report MDLs and flags |
| 2 | SB-28-15' | 8/21/2020 | 1409 | S | 1 | | | | | | | | | | | X | |
| 3 | SB-29-2' | 8/21/2020 | 1419 | S | 4 | | X | X | X | | | | | | | | |
| 4 | SB-29-5' | 8/21/2020 | 1422 | S | 4 | | X | X | | | | | | | | | |
| 5 | SB-29-10' | 8/21/2020 | 1428 | S | 1 | | | | | | | | | | | X | |
| 6 | SB-29-15' | 8/21/2020 | 1429 | S | 1 | | | | | | | | | | | X | |
| 7 | SB-30-2' | 8/22/2020 | 0800 | ~~S~~ | 4 | | X | X | X | X | | | | | | | |
| 8 | SB-30-5' | 8/22/2020 | 0807 | ~~S~~ | 4 | | X | X | | | | | | | | | |
| 9 | SB-30-10' | 8/22/2020 | 0810 | S | 1 | | | | | | | | | | | X | |
| 10 | SB-30-15' | 8/22/2020 | 0813 | S | 1 | | | | | | | | | | | X | |

8/22/2020

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Allison Burnap | EEC / Staff Geologist | 8/24/20 830 |
| [1] Received By: | | FEDEX | CS | 8/24/20 830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# Chain of Custody Record

Lab No: 432615

Page: 13 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | ALLISON BURNAP AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-31-2' | 8/22/2020 | 1055 | S | 4 | | X | X | X | | | | | | | | Report MDLs and flags |
| 2 | SB-31-5' | 8/22/2020 | 1058 | S | 4 | | X | X | | | | | | | | | |
| 3 | SB-31-10' | 8/22/2020 | 1100 | S | 1 | | | | | | | | | | | X | |
| 4 | SB-31-15' | 8/22/2020 | 1106 | S | 1 | | | | | | | | | | | X | |
| 5 | SB-32-2' | 8/22/2020 | ~~1032~~ 8/22/20 1020 | S | 4 | | X | X | X | | | | | | | | |
| 6 | SB-32-5' | 8/22/2020 | 1025 | S | 4 | | X | X | | | | | | | | | |
| 7 | SB-32-10' | 8/22/2020 | 1028 | S | 1 | | | | | | | | | | | X | |
| 8 | SB-32-15' | 8/22/2020 | 1032 | S | 1 | | | | | | | | | | | X | |
| 9 | SB-33-2' | 8/22/2020 | 1004 | S | 4 | | X | X | X | | | | | | | | |
| 10 | SB-33-5' | 8/22/2020 | 1007 | S | 4 | | X | X | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | ALLISON BURNAP | EEC / STAFF GEOLOGIST | 8/24/20 830 |
| [1] Received By: | | FEDEX | EC | 8/24/20 830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# Chain of Custody Record

Lab No: 432615

Page: 14 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | ALLISON BURNAP AW MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SB-33-10' | 8/22/2020 | 1011 | S | 1 | | | | | | | | | | | X | Report MDLs and flags |
| 2 | SB-33-15' | 8/22/2020 | 1014 | S | 1 | | | | | | | | | | | X | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |

8/22/20

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| 1 Relinquished By: | | ALLISON BURNAP | EEC / STAFF GEOLOGIST | 8/24/20 830 |
| 1 Received By: | | FDX | CM | 8/24/20 830 |
| 2 Relinquished By: | | | | |
| 2 Received By: | | | | |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPY ANALYTICAL

# SAMPLE ACCEPTANCE CHECKLIST

**Section 1**

Client: EEC ENV. Project: _____

Date Received: 8/24/12 Sampler's Name Present: ☑ Yes ☐ No

**Section 2**

Sample(s) received in a cooler? ☑ Yes, How many? 4 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 1.8 #2: 4.8 #3: 4.4 #4: 5.8

*(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)*

Shipping Information: _____

**Section 3**

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.5 #2: 0.9 #3: 0.5 #4: 0.8

| **Section 4** | YES | NO | N/A |
|---|---|---|---|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | | | ✓ |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | | | ✓ |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | | | ✓ |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

**Section 5** Explanations/Comments

**Section 6**

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 8/24/12

## Ranjit Clarke

**From:** Vanessa Layne <vlayne@eecenvironmental.com> on behalf of Vanessa Layne
**Sent:** Monday, August 24, 2020 9:27 AM
**To:** ranjit.clarke@enthalpy.com
**Subject:** [Scan] 2020-08-24 09-23_page_1
**Attachments:** 2020-08-24 09-23_page_1.pdf

**Follow Up Flag:** Follow up
**Flag Status:** Flagged

Hey Ranjit,

Can we analyze samoels SB-21-2'?

See attached revised COC

Thanks

Sent with Genius Scan for Android
https://dl.tglapp.com/genius-scan

ENTHALPY

# Chain of Custody Record

Lab No:

Page: 9 of 14

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | ALLISON BUENAP AN MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCs - 8260/5035 | TPH cc - 8015M | SVOC-PAHs 8270SIM | PCBs - 8082 | | | | | | | Archive | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | Report MDLs and flags |
| 1 | SB-21-2' | 8/21/2020 | 0830 | S | 4 | | X | X | X | | | | | | | | X | JL |
| 2 | SB-21-5' | 8/21/2020 | 0835 | S | 4 | | X | X | X | | | | | | | | | |
| 3 | SB-21-10' | 8/21/2020 | 0839 | S | 1 | | X | X | | | | | | | | | | |
| 4 | SB-21-15' | 8/21/2020 | 0842 | S | 1 | | | | | | | | | | | | X | |
| 5 | SB-22-2' | 8/21/2020 | 1156 | S | 4 | | X | X | X | | | | | | | | | |
| 6 | SB-22-5' | 8/21/2020 | 1200 | S | 4 | | X | X | | | | | | | | | | |
| 7 | SB-22-10' | 8/21/2020 | 1205 | S | 1 | | | | | | | | | | | | X | |
| 8 | SB-22-15' | 8/21/2020 | 1210 | S | 1 | | | | | | | | | | | | X | |
| 9 | SB-23-2' | 8/21/2020 | 1318 | S | 4 | | X | X | X | | | | | | | | | |
| 10 | SB-23-5' | 8/21/2020 | 1321 | S | 4 | | X | X | | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | ALLISON BUENAP | EEC / STAFF GEOLOGIST | 8/21/20 830 |
| [1] Received By: | | | | 8/24/20 831 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

## Ranjit Clarke

**From:** Vanessa Layne <vlayne@eecenvironmental.com> on behalf of Vanessa Layne
**Sent:** Tuesday, September 01, 2020 8:09 PM
**To:** Ranjit K Clarke
**Subject:** Re: SOUTH EL MONTE - Enthalpy Reports (432615)

**Flag Status:** Flagged

Can we get the 5, 10, and 15 ft sample analyzed for PCBs at SB-11 and SB-14?

Thanks

On Aug 31, 2020 10:04 PM, Ranjit K Clarke <Ranjit.Clarke@enthalpy.com> wrote:

> Prelim 2 - Most VOCs, all PCBs, and 13 SIM PAHs.
>
> Email compiled and sent 08/31/20 10:04 PM.

## Ranjit Clarke

**From:** Vanessa Layne <vlayne@eecenvironmental.com> on behalf of Vanessa Layne
**Sent:** Tuesday, September 08, 2020 11:51 AM
**To:** Ranjit.Clarke@enthalpy.com
**Subject:** RE: SOUTH EL MONTE - Enthalpy Data (432616) (Invoice INV1250432)

**Flag Status:** Flagged

Hey,

Just realized metals weren't put on the COCs

Do we still have samples?

2ft samples need to be run for metals

Thanks

*Vanessa Layne (Diep), PG, QSD*
**EEC** Environmental
O: 714-954-2501 C:949-307-2494

**From:** Ranjit K Clarke <Ranjit.Clarke@enthalpy.com>
**Sent:** Friday, September 4, 2020 10:19 AM
**To:** Vanessa Layne <vlayne@eecenvironmental.com>
**Subject:** SOUTH EL MONTE - Enthalpy Data (432616) (Invoice INV1250432)

Hi Vanessa,

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

Please find attached the following files:
• Invoice
• PDF Deliverable
• Standard format + MDL EDD (432616_standard-mdl.zip)

You may also access this data at https://labline-orange.enthalpy.com/
Email was also sent to: accountspayable@eecenvironmental.com

## Ranjit Clarke

**From:** Vanessa Layne <vlayne@eecenvironmental.com> on behalf of Vanessa Layne
**Sent:** Tuesday, September 08, 2020 8:19 PM
**To:** Ranjit Clarke
**Subject:** RE: Rush Metals - status update!!!

**Flag Status:** Flagged

There's no way we can get more sample. Please analyze the 5 ft sample

thanks

*Vanessa Layne (Diep), PG, QSD*
**EEC** Environmental
O: 714-954-2501 C:949-307-2494

---

**From:** Ranjit Clarke <ranjit.clarke@enthalpy.com>
**Sent:** Tuesday, September 8, 2020 5:42 PM
**To:** Vanessa Layne <vlayne@eecenvironmental.com>
**Subject:** Rush Metals - status update!!!
**Importance:** High

Vanessa,

I received this email a little while ago from the metals dept:

**"Unfortunately, there are two samples from which there is no more usable sample mass. Numbers 37 and 53 seem to have had all of the soil used, and there are only a couple of rocks left in the bottom of the jars."**

This corresponds to samples **"SB-10-2'"** and **"SB-14-2'"**. Is there any way for you to obtain more sample from those locations?

Please let me know as soon as you can.

Thanks,

Ranjit

In observance of Labor Day, Enthalpy Analytical will be closed on **Monday, September 7th** . Sample Receiving will be open on Saturday, September 5th from 9AM-12PM. Samples with holding time less than 48 hours will only be accepted on Thursday September 3rd and Saturday September 5th, providing that they were pre-arranged with the project managers. Please be advised that additional surcharges might apply.

Ranjit Clarke
Senior Project Manager
ENTHALPY ANALYTICAL
931 W. Barkley Ave., Orange, CA 92868
O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209
Ranjit.Clarke@enthalpy.com

## Ranjit Clarke

**From:** Vanessa Layne <vlayne@eecenvironmental.com> on behalf of Vanessa Layne
**Sent:** Thursday, September 10, 2020 3:20 PM
**To:** 'ranjit.clarke@enthalpy.com'
**Subject:** South El Monte

**Flag Status:** Flagged

Hi Ranjit,

Can you run the following soil samples from the stash we have

For PCBs:
SB-10-2'
SB-13-2'
SB-15-2'
SB-16-2'

For Lead
SB-8-5'
SB-11-5'
SB-13-5'
SB-17-5'
SB-23-5'

For Arsenic
SB-17-5'
SB-26-5'

Thanks

**Vanessa Layne (Diep), PG, QSD**
Project Geologist
**EEC** Environmental
One City Boulevard West | Suite 1800 | Orange, CA 92868
O (714) 954-2501 | C (949) 307-2494
vlayne@eecenvironmental.com | www.eecenvironmental.com

## Ranjit Clarke

**From:** Vanessa Layne <vlayne@eecenvironmental.com> on behalf of Vanessa Layne
**Sent:** Wednesday, September 16, 2020 8:54 AM
**To:** Ranjit Clarke
**Subject:** RE: South El Monte

**Flag Status:** Flagged

Run PCB on the 5' sample. Thanks

*Vanessa Layne (Diep), PG, QSD*
**EEC** Environmental
O: 714-954-2501 C:949-307-2494

---

**From:** Ranjit Clarke <ranjit.clarke@enthalpy.com>
**Sent:** Wednesday, September 16, 2020 2:13 AM
**To:** Vanessa Layne <vlayne@eecenvironmental.com>
**Subject:** RE: South El Monte
**Importance:** High

Vanessa,

The lab informed me that we do not have enough sample left to perform the PCBs analysis on sample SB-10-2'. We only have a small stone, so we can't even use a smaller aliquot of soil for extraction. Please let me know if you wish to replace this sample with another sample.

Thanks,

Ranjit

Ranjit Clarke
Senior Project Manager
ENTHALPY ANALYTICAL
931 W. Barkley Ave., Orange, CA 92868
O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209
Ranjit.Clarke@enthalpy.com

---

**From:** Vanessa Layne <vlayne@eecenvironmental.com>
**Sent:** Thursday, September 10, 2020 3:20 PM
**To:** 'ranjit.clarke@enthalpy.com' <ranjit.clarke@enthalpy.com>
**Subject:** South El Monte

Hi Ranjit,

Can you run the following soil samples from the stash we have

## Ranjit Clarke

**From:** Vanessa Layne <vlayne@eecenvironmental.com> on behalf of Vanessa Layne
**Sent:** Friday, September 11, 2020 12:37 PM
**To:** Ranjit Clarke
**Subject:** RE: South El Monte

Just went through the final metals data.

Don't run SB-8-5' and SB-16-5' for lead. Add SB-15-5', SB-17-5', SB-19-5', SB-20-5'

Don't run SB-17-5' for arsenic, run SB-19-5'

Thanks

*Vanessa Layne (Diep), PG, QSD*
**EEC** Environmental
O: 714-954-2501 C:949-307-2494

**From:** Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
**Sent:** Thursday, September 10, 2020 3:30 PM
**To:** Vanessa Layne <vlayne@eecenvironmental.com>
**Subject:** Re: South El Monte

Sounds good. Thanks.

On Thu, Sep 10, 2020 at 3:26 PM Vanessa Layne <vlayne@eecenvironmental.com> wrote:

> These can be standard TAT since we're still doing another round of sampling out there

## Ranjit Clarke

**From:** Vanessa Layne <vlayne@eecenvironmental.com> on behalf of Vanessa Layne
**Sent:** Friday, September 11, 2020 3:08 PM
**To:** Ranjit Clarke
**Subject:** RE: South El Monte

Ack! Remove SB-17 and add SB-16 back in for lead. I think my eyes were getting crossed looking at the data.

Also run SB-10-10', and SB-23-5' for Arsenic

Run SB-23-5' for Antimony

Thanks

*Vanessa Layne (Diep), PG, QSD*
**EEC** Environmental
O: 714-954-2501 C:949-307-2494

---

**From:** Ranjit Clarke <ranjit.clarke@enthalpy.com>
**Sent:** Friday, September 11, 2020 12:43 PM
**To:** Vanessa Layne <vlayne@eecenvironmental.com>
**Subject:** RE: South El Monte

I'll make the revisions.

Ranjit Clarke
Senior Project Manager
ENTHALPY ANALYTICAL
931 W. Barkley Ave., Orange, CA 92868
O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209
Ranjit.Clarke@enthalpy.com

---

**From:** Vanessa Layne <vlayne@eecenvironmental.com>
**Sent:** Friday, September 11, 2020 12:37 PM
**To:** Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
**Subject:** RE: South El Monte

Just went through the final metals data.

Don't run SB-8-5' and SB-16-5' for lead. Add SB-15-5', SB-17-5', SB-19-5', SB-20-5'

Don't run SB-17-5' for arsenic, run SB-19-5'

Thanks

## Ranjit Clarke

**From:** Vanessa Layne <vlayne@eecenvironmental.com> on behalf of Vanessa Layne
**Sent:** Thursday, October 15, 2020 3:14 PM
**To:** Ranjit Clarke
**Subject:** RE: South El Monte

Hey sorry, just saw that we had PCB in SB-16-2' at 22,000. Can we run the 5' sample for PCB?

Thanks

*Vanessa Layne (Diep), PG, QSD*
**EEC** Environmental
O: 714-954-2501 C:949-307-2494

---

**From:** Vanessa Layne
**Sent:** Wednesday, September 16, 2020 8:54 AM
**To:** Ranjit Clarke <ranjit.clarke@enthalpy.com>
**Subject:** RE: South El Monte

Run PCB on the 5' sample. Thanks

*Vanessa Layne (Diep), PG, QSD*
**EEC** Environmental
O: 714-954-2501 C:949-307-2494

---

**From:** Ranjit Clarke <ranjit.clarke@enthalpy.com>
**Sent:** Wednesday, September 16, 2020 2:13 AM
**To:** Vanessa Layne <vlayne@eecenvironmental.com>
**Subject:** RE: South El Monte
**Importance:** High

Vanessa,

The lab informed me that we do not have enough sample left to perform the PCBs analysis on sample SB-10-2'. We only have a small stone, so we can't even use a smaller aliquot of soil for extraction. Please let me know if you wish to replace this sample with another sample.

Thanks,

Ranjit

Ranjit Clarke
Senior Project Manager
ENTHALPY ANALYTICAL
931 W. Barkley Ave., Orange, CA 92868
O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209

ENTHALPY ANALYTICAL

# Analysis Results for 432615

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Lab Job #: 432615
Project No: SOUTH EL MONTE
Location: 2212 Rosemead Blvd. El Monte, CA
- Supplemental Report 4
Date Received: 08/24/20

**Sample ID: SB-1-2'** **Lab ID: 432615-001** **Collected: 08/22/20 08:40**
**Matrix: Soil**

| 432615-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **1.8** | J | mg/Kg | 3.0 | 1.6 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **11** | | mg/Kg | 1.0 | 0.68 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **200** | | mg/Kg | 1.0 | 0.11 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.60** | | mg/Kg | 0.51 | 0.068 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.51 | 0.095 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **27** | | mg/Kg | 1.0 | 0.097 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **13** | | mg/Kg | 0.51 | 0.087 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **73** | | mg/Kg | 1.0 | 0.42 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **18** | | mg/Kg | 1.0 | 0.85 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **0.98** | J | mg/Kg | 1.0 | 0.60 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **22** | | mg/Kg | 1.0 | 0.26 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.51 | 0.16 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **49** | | mg/Kg | 1.0 | 0.26 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **74** | | mg/Kg | 5.1 | 0.76 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | ND | | mg/Kg | 0.13 | 0.035 | 0.91 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| TPH (C23-C44) | **49** | B | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 102% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 49 | 2.9 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 49 | 14 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 49 | 9.3 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 49 | 14 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 49 | 19 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 49 | 20 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1260 | ND | | ug/Kg | 49 | 6.8 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 49 | 17 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 49 | 8.4 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 58% | | %REC | 19-121 | | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 3.9 | 0.11 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 3.9 | 0.33 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 7.8 | 6.9 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 3.9 | 0.11 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 3.9 | 0.17 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | ND | | ug/Kg | 78 | 39 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 3.9 | 0.58 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **4.1** | J | ug/Kg | 78 | 0.56 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 3.9 | 0.12 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 3.9 | 0.11 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **3.7** | J | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 3.9 | 0.27 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **2.5** | J | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 3.9 | 0.17 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-Dichloropropane | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **0.40** | J | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 3.9 | 0.094 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 3.9 | 0.19 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **0.47** | J | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **0.71** | J | ug/Kg | 7.8 | 0.30 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.27** | J | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 3.9 | 0.10 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 3.9 | 0.20 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 3.9 | 0.23 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 3.9 | 0.17 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 3.9 | 0.23 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 3.9 | 0.20 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 3.9 | 0.17 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 3.9 | 0.27 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 3.9 | 0.22 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 3.9 | 0.22 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 3.9 | 0.21 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 3.9 | 0.19 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 3.9 | 0.20 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 3.9 | 0.26 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 3.9 | 0.33 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | **0.21** | B,J | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **0.99** | J | ug/Kg | 3.9 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 99% | | %REC | 70-145 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 105% | | %REC | 70-145 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 100% | | %REC | 70-145 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-1-5' | Lab ID: 432615-002 | Collected: 08/22/20 08:52 |
|---|---|---|
| | Matrix: Soil | |

| 432615-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| TPH (C23-C44) | **8.9** | B,J | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 102% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.5 | 0.13 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.5 | 0.38 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.9 | 7.9 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.5 | 0.13 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.5 | 0.20 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | ND | | ug/Kg | 89 | 45 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.5 | 0.66 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.5 | 0.15 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **3.7** | J | ug/Kg | 89 | 0.64 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.5 | 0.15 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.5 | 0.13 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.5 | 0.13 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **0.57** | J | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.30 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.5 | 0.15 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **0.22** | J | ug/Kg | 4.5 | 0.15 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.5 | 0.20 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.5 | 0.11 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **0.21** | J | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **0.78** | J | ug/Kg | 8.9 | 0.34 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.27** | J | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.5 | 0.12 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.5 | 0.22 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.26 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.5 | 0.20 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.5 | 0.27 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.22 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.20 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.5 | 0.30 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.25 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.5 | 0.25 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.5 | 0.24 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.5 | 0.22 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.29 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.5 | 0.38 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | **0.16** | B,J | ug/Kg | 4.5 | 0.14 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **1.1** | J | ug/Kg | 4.5 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 103% | | %REC | 70-145 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 100% | | %REC | 70-145 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-2-2' | Lab ID: 432615-005 | Collected: 08/22/20 08:58 |
|---|---|---|
| | Matrix: Soil | |

| 432615-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 3.1 | 1.6 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **6.8** | | mg/Kg | 1.0 | 0.68 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **140** | | mg/Kg | 1.0 | 0.11 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.53** | | mg/Kg | 0.51 | 0.068 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.51 | 0.096 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **18** | | mg/Kg | 1.0 | 0.098 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **8.7** | | mg/Kg | 0.51 | 0.088 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **28** | | mg/Kg | 1.0 | 0.43 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **8.1** | | mg/Kg | 1.0 | 0.86 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 1.0 | 0.60 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **14** | | mg/Kg | 1.0 | 0.27 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.1 | 1.8 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.51 | 0.16 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.1 | 1.1 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **38** | | mg/Kg | 1.0 | 0.27 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **48** | | mg/Kg | 5.1 | 0.77 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.38** | | mg/Kg | 0.13 | 0.036 | 0.92 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| TPH (C23-C44) | **16** | B | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 104% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 08/26/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.9 | 0.14 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.9 | 0.41 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.8 | 8.6 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.9 | 0.14 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **110** | | ug/Kg | 98 | 49 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.9 | 0.73 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.9 | 0.17 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **15** | J | ug/Kg | 98 | 0.71 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.9 | 0.17 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.9 | 0.15 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.9 | 0.14 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **9.2** | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.9 | 0.33 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.9 | 0.17 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **5.9** | | ug/Kg | 4.9 | 0.17 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.9 | 0.12 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.9 | 0.24 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **0.89** | J | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **1.1** | J | ug/Kg | 9.8 | 0.37 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.45** | J | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.9 | 0.13 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.9 | 0.25 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.9 | 0.28 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.9 | 0.29 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.9 | 0.25 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 4.9 | 0.33 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.9 | 0.27 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.9 | 0.27 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.9 | 0.26 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.24 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.9 | 0.25 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.9 | 0.32 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.9 | 0.41 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | **0.37** | B,J | ug/Kg | 4.9 | 0.16 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **1.5** | J | ug/Kg | 4.9 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 99% | | %REC | 70-145 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 102% | | %REC | 70-145 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 101% | | %REC | 70-145 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 20 | 7.4 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| 2-Methylnaphthalene | ND | | ug/Kg | 20 | 7.6 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Naphthalene | ND | | ug/Kg | 20 | 8.0 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Acenaphthylene | ND | | ug/Kg | 20 | 6.6 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Acenaphthene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Fluorene | ND | | ug/Kg | 20 | 2.6 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Phenanthrene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Anthracene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Fluoranthene | ND | | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Pyrene | **1.6** | B,J | ug/Kg | 20 | 1.6 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Benzo(a)anthracene | ND | | ug/Kg | 20 | 2.2 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Chrysene | ND | | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Benzo(b)fluoranthene | ND | | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Benzo(k)fluoranthene | **11** | B,J | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Benzo(a)pyrene | ND | | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 73% | | %REC | 27-125 | | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| 2-Fluorobiphenyl | 65% | | %REC | 30-120 | | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |
| Terphenyl-d14 | 70% | | %REC | 33-155 | | 2 | 251693 | 08/26/20 | 08/29/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-2-5' | Lab ID: 432615-006 | Collected: 08/22/20 09:02 |
|---|---|---|
| | Matrix: Soil | |

| 432615-006 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/27/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/27/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/27/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 101% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 08/27/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.42 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **68** | J | ug/Kg | 100 | 50 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.74 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.0 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **8.7** | J | ug/Kg | 100 | 0.72 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.0 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.15 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **9.8** | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.34 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-006 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **4.6** | J | ug/Kg | 5.0 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.12 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **0.61** | J | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **0.67** | J | ug/Kg | 10 | 0.38 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.24** | J | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.0 | 0.13 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.25 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.29 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.30 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.25 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.34 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.28 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.28 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.27 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.25 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.33 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.42 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.16 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **0.91** | J | ug/Kg | 5.0 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 107% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 99% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-3-2' | Lab ID: 432615-009 | Collected: 08/22/20 08:35 |
|---|---|---|
| | Matrix: Soil | |

| 432615-009 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **1.8** | J | mg/Kg | 3.1 | 1.6 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **9.6** | | mg/Kg | 1.0 | 0.68 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **230** | | mg/Kg | 1.0 | 0.11 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.68** | | mg/Kg | 0.51 | 0.068 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.51 | 0.096 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **33** | | mg/Kg | 1.0 | 0.098 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **15** | | mg/Kg | 0.51 | 0.088 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **39** | | mg/Kg | 1.0 | 0.43 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **10** | | mg/Kg | 1.0 | 0.86 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 1.0 | 0.60 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **28** | | mg/Kg | 1.0 | 0.27 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.1 | 1.8 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.51 | 0.16 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.1 | 1.1 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **53** | | mg/Kg | 1.0 | 0.27 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **80** | | mg/Kg | 5.1 | 0.77 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.066** | J | mg/Kg | 0.14 | 0.039 | 1 | 252336 | 09/08/20 | 09/08/20 | JDB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-3-10' | Lab ID: 432615-011 | Collected: 08/21/20 08:38 |
|---|---|---|
| | Matrix: Soil | |

| 432615-011 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/27/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/27/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 08/27/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 104% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 08/27/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.5 | 0.13 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.18 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.18 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.5 | 0.19 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.5 | 0.38 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.5 | 0.17 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.1 | 8.0 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.5 | 0.21 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.5 | 0.19 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.5 | 0.13 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.5 | 0.20 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.5 | 0.18 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.5 | 0.21 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | ND | | ug/Kg | 91 | 45 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.5 | 0.67 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.5 | 0.19 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.5 | 0.15 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.17 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.5 | 0.21 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **1.5** | J | ug/Kg | 91 | 0.65 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.18 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.17 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.5 | 0.15 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.5 | 0.14 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.5 | 0.19 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.5 | 0.13 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 4.5 | 0.21 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.31 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.5 | 0.18 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-011 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.5 | 0.19 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.5 | 0.15 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.18 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **0.91** | J | ug/Kg | 4.5 | 0.15 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.5 | 0.20 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.5 | 0.17 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 4.5 | 0.21 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.5 | 0.17 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.5 | 0.11 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.22 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 4.5 | 0.21 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 9.1 | 0.35 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | ND | | ug/Kg | 4.5 | 0.17 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.5 | 0.12 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.5 | 0.17 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.5 | 0.23 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.26 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.5 | 0.18 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.5 | 0.20 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.5 | 0.27 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.21 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.23 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.20 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.5 | 0.31 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.25 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.5 | 0.25 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.5 | 0.25 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.19 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.22 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.5 | 0.23 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.5 | 0.18 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.30 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.5 | 0.38 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.5 | 0.15 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | ND | | ug/Kg | 4.5 | | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 99% | | %REC | 70-145 | | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 103% | | %REC | 70-145 | | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 0.91 | 251659 | 08/27/20 | 08/27/20 | LYZ |

Method: EPA 8270C-SIM
Prep Method: EPA 3550C



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-011 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | | ug/Kg | 10 | 3.7 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 10 | 3.8 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Naphthalene | ND | | ug/Kg | 10 | 4.0 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Fluorene | ND | | ug/Kg | 10 | 1.3 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Fluoranthene | ND | | ug/Kg | 10 | 0.84 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Pyrene | ND | | ug/Kg | 10 | 0.78 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 10 | 1.1 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Chrysene | ND | | ug/Kg | 10 | 0.83 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 91% | | %REC | 27-125 | | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| 2-Fluorobiphenyl | 82% | | %REC | 30-120 | | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Terphenyl-d14 | 137% | | %REC | 33-155 | | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-3-15' | Lab ID: 432615-012 | Collected: 08/21/20 08:49 |
|---|---|---|
| | Matrix: Soil | |

| 432615-012 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 9.9 | 4.0 | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 9.9 | 4.0 | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 9.9 | 4.0 | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 105% | | %REC | 70-130 | | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.7 | 0.16 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.7 | 0.48 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 10 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.7 | 0.16 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | ND | | ug/Kg | 110 | 57 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.7 | 0.84 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.7 | 0.19 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **2.0** | J | ug/Kg | 110 | 0.82 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.7 | 0.19 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.7 | 0.17 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.7 | 0.16 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **0.28** | J | ug/Kg | 5.7 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.7 | 0.39 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-012 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.7 | 0.19 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **0.26** | J | ug/Kg | 5.7 | 0.19 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.7 | 0.14 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.7 | 0.27 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.43 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.7 | 0.15 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.7 | 0.28 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.7 | 0.33 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.7 | 0.34 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.7 | 0.28 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 5.7 | 0.39 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.7 | 0.32 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.7 | 0.32 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.7 | 0.31 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.27 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.7 | 0.28 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.7 | 0.38 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.7 | 0.48 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 5.7 | 0.18 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | ND | | ug/Kg | 5.7 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 93% | | %REC | 70-145 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 106% | | %REC | 70-145 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-4-2' | Lab ID: 432615-013 | Collected: 08/21/20 09:02 |
|---|---|---|
| | Matrix: Soil | |

| 432615-013 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **1.9** | J | mg/Kg | 3.0 | 1.6 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **7.4** | | mg/Kg | 1.0 | 0.68 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **200** | | mg/Kg | 1.0 | 0.11 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.64** | | mg/Kg | 0.51 | 0.068 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.51 | 0.095 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **32** | | mg/Kg | 1.0 | 0.097 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **14** | | mg/Kg | 0.51 | 0.087 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **42** | | mg/Kg | 1.0 | 0.42 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **10** | | mg/Kg | 1.0 | 0.85 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 1.0 | 0.60 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **26** | | mg/Kg | 1.0 | 0.26 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.51 | 0.16 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **50** | | mg/Kg | 1.0 | 0.26 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **75** | | mg/Kg | 5.1 | 0.76 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.055** | J | mg/Kg | 0.13 | 0.036 | 0.92 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | **22** | B | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 108% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 71% | | %REC | 19-121 | | 1 | 251650 | 08/25/20 | 08/26/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-013 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.6 | 8.5 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **63** | J | ug/Kg | 96 | 48 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.8 | 0.71 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **10** | J | ug/Kg | 96 | 0.69 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.8 | 0.14 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **6.4** | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **3.2** | J | ug/Kg | 4.8 | 0.16 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.8 | 0.12 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-013 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **0.49** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **0.89** | J | ug/Kg | 9.6 | 0.37 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.34** | J | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.28 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.8 | 0.26 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.32 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.8 | 0.15 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **1.2** | J | ug/Kg | 4.8 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 106% | | %REC | 70-145 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 99% | | %REC | 70-145 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 40 | 15 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 40 | 15 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Naphthalene | ND | | ug/Kg | 40 | 16 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 40 | 13 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 40 | 5.6 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluorene | ND | | ug/Kg | 40 | 5.2 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Phenanthrene | **7.0** | B,J | ug/Kg | 40 | 5.6 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Anthracene | ND | | ug/Kg | 40 | 4.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluoranthene | **5.9** | B,J | ug/Kg | 40 | 3.4 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Pyrene | **7.6** | B,J | ug/Kg | 40 | 3.1 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 40 | 4.4 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-013 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | **5.3** | B,J | ug/Kg | 40 | 3.3 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 40 | 6.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(k)fluoranthene | **24** | B,J | ug/Kg | 40 | 6.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 40 | 7.2 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 40 | 7.2 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 40 | 5.6 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 40 | 4.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 61% | | %REC | 27-125 | | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Fluorobiphenyl | 52% | | %REC | 30-120 | | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Terphenyl-d14 | 86% | | %REC | 33-155 | | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-4-5' | Lab ID: 432615-014 | Collected: 08/21/20 09:08 |
|---|---|---|
| | Matrix: Soil | |

| 432615-014 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 9.9 | 4.0 | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 9.9 | 4.0 | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | **32** | B | mg/Kg | 9.9 | 4.0 | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 105% | | %REC | 70-130 | | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.2 | 0.12 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.2 | 0.35 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.3 | 7.3 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.2 | 0.12 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | ND | | ug/Kg | 83 | 42 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.2 | 0.62 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.2 | 0.14 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **11** | J | ug/Kg | 83 | 0.60 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.2 | 0.14 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.2 | 0.13 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.2 | 0.12 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **11** | | ug/Kg | 4.2 | 0.15 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-014 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.2 | 0.14 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **4.0** | J | ug/Kg | 4.2 | 0.14 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.2 | 0.10 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.2 | 0.20 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **0.36** | J | ug/Kg | 4.2 | 0.19 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **0.59** | J | ug/Kg | 8.3 | 0.32 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.18** | J | ug/Kg | 4.2 | 0.16 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.2 | 0.11 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.2 | 0.21 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.2 | 0.24 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.2 | 0.25 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.2 | 0.21 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.20 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.2 | 0.21 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.2 | 0.35 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.2 | 0.13 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **0.77** | J | ug/Kg | 4.2 | | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 103% | | %REC | 70-145 | | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 101% | | %REC | 70-145 | | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 0.83 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-5-2' | Lab ID: 432615-017 | Collected: 08/21/20 09:35 |
|---|---|---|
| | Matrix: Soil | |

| 432615-017 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 2.9 | 1.6 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **8.6** | | mg/Kg | 0.97 | 0.65 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **160** | | mg/Kg | 0.97 | 0.11 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.47** | J | mg/Kg | 0.49 | 0.065 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.49 | 0.091 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **24** | | mg/Kg | 0.97 | 0.093 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **10** | | mg/Kg | 0.49 | 0.083 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **30** | | mg/Kg | 0.97 | 0.41 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **7.2** | | mg/Kg | 0.97 | 0.82 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.97 | 0.57 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **20** | | mg/Kg | 0.97 | 0.25 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.9 | 1.7 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.49 | 0.16 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 2.9 | 1.1 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **41** | | mg/Kg | 0.97 | 0.25 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **54** | | mg/Kg | 4.9 | 0.73 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.069** | J | mg/Kg | 0.14 | 0.038 | 0.97 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | **70** | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 105% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.2 | 0.15 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.2 | 0.44 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 9.2 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.2 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.2 | 0.15 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.2 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-017 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 5.2 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **140** | | ug/Kg | 100 | 52 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.2 | 0.77 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.2 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.2 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **15** | J | ug/Kg | 100 | 0.75 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.2 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.2 | 0.16 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.2 | 0.15 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **13** | | ug/Kg | 5.2 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | **0.26** | J | ug/Kg | 5.2 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.2 | 0.35 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | **1.7** | J | ug/Kg | 5.2 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **25** | | ug/Kg | 5.2 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.2 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **1.5** | J | ug/Kg | 5.2 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.2 | 0.13 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.2 | 0.25 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **2.5** | J | ug/Kg | 5.2 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **6.3** | J | ug/Kg | 10 | 0.40 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **2.1** | J | ug/Kg | 5.2 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.2 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.2 | 0.26 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.2 | 0.30 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.2 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.2 | 0.31 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.2 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.2 | 0.26 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.2 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-017 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 5.2 | 0.35 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.2 | 0.29 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.2 | 0.29 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.2 | 0.28 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.2 | 0.25 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.2 | 0.26 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.2 | 0.34 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.2 | 0.44 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 5.2 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **8.4** | J | ug/Kg | 5.2 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 106% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Naphthalene | ND | | ug/Kg | 500 | 200 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 500 | 170 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluorene | ND | | ug/Kg | 500 | 65 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Anthracene | ND | | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluoranthene | ND | | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Pyrene | ND | | ug/Kg | 500 | 39 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 500 | 55 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Chrysene | ND | | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 101% | | %REC | 27-125 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Fluorobiphenyl | 94% | | %REC | 30-120 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Terphenyl-d14 | 88% | | %REC | 33-155 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-5-5' | Lab ID: 432615-018 | Collected: 08/21/20 09:45 |
|---|---|---|
| | Matrix: Soil | |

| 432615-018 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | **4.9** | B,J | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 119% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.9 | 0.14 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.9 | 0.41 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.8 | 8.6 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.9 | 0.14 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | ND | | ug/Kg | 98 | 49 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.9 | 0.73 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.9 | 0.17 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **4.3** | J | ug/Kg | 98 | 0.71 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.9 | 0.17 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.9 | 0.15 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.9 | 0.14 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **0.96** | J | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.9 | 0.33 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-018 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.9 | 0.17 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **8.0** | | ug/Kg | 4.9 | 0.17 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **0.35** | J | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.9 | 0.12 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.9 | 0.24 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 9.8 | 0.37 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.9 | 0.13 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.9 | 0.25 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.9 | 0.28 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.9 | 0.29 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.9 | 0.25 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.9 | 0.33 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.9 | 0.27 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.9 | 0.27 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.9 | 0.26 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.24 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.9 | 0.25 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.9 | 0.32 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.9 | 0.41 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.9 | 0.16 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | ND | | ug/Kg | 4.9 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 101% | | %REC | 70-145 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 0.98 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-6-2' | Lab ID: 432615-021 | Collected: 08/22/20 09:25 |
|---|---|---|
| | Matrix: Soil | |

| 432615-021 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 2.8 | 1.5 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **3.3** | | mg/Kg | 0.93 | 0.62 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **79** | | mg/Kg | 0.93 | 0.10 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.26** | J | mg/Kg | 0.46 | 0.062 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.46 | 0.087 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **12** | | mg/Kg | 0.93 | 0.089 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **6.4** | | mg/Kg | 0.46 | 0.080 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **20** | | mg/Kg | 0.93 | 0.39 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **6.2** | | mg/Kg | 0.93 | 0.78 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **0.87** | J | mg/Kg | 0.93 | 0.55 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **9.5** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.8 | 1.7 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.46 | 0.15 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 2.8 | 1.0 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **25** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **37** | | mg/Kg | 4.6 | 0.69 | 0.93 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | ND | | mg/Kg | 0.13 | 0.036 | 0.92 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 111% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 3.9 | 0.11 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 3.9 | 0.33 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 7.8 | 6.9 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 3.9 | 0.11 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 3.9 | 0.17 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-021 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **77** | J | ug/Kg | 78 | 39 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 3.9 | 0.58 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **8.7** | J | ug/Kg | 78 | 0.56 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 3.9 | 0.12 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 3.9 | 0.11 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **7.8** | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 3.9 | 0.27 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **6.3** | | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 3.9 | 0.17 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **0.59** | J | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 3.9 | 0.094 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 3.9 | 0.19 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **1.1** | J | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **1.3** | J | ug/Kg | 7.8 | 0.30 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.53** | J | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 3.9 | 0.10 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 3.9 | 0.15 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 3.9 | 0.20 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 3.9 | 0.23 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 3.9 | 0.17 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 3.9 | 0.23 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 3.9 | 0.18 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 3.9 | 0.20 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 3.9 | 0.17 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-021 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 3.9 | 0.27 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.27** | J | ug/Kg | 3.9 | 0.22 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 3.9 | 0.22 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 3.9 | 0.21 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 3.9 | 0.19 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 3.9 | 0.20 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 3.9 | 0.16 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 3.9 | 0.26 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 3.9 | 0.33 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | **0.19** | B,J | ug/Kg | 3.9 | 0.13 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 3.9 | 0.14 | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **1.8** | J | ug/Kg | 3.9 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 102% | | %REC | 70-145 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 102% | | %REC | 70-145 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 0.78 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 40 | 15 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 40 | 15 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Naphthalene | ND | | ug/Kg | 40 | 16 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 40 | 13 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 40 | 5.6 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluorene | ND | | ug/Kg | 40 | 5.2 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 40 | 5.6 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Anthracene | ND | | ug/Kg | 40 | 4.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluoranthene | ND | | ug/Kg | 40 | 3.4 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Pyrene | ND | | ug/Kg | 40 | 3.1 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 40 | 4.4 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Chrysene | ND | | ug/Kg | 40 | 3.3 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 40 | 6.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(k)fluoranthene | **21** | B,J | ug/Kg | 40 | 6.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 40 | 7.2 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 40 | 7.2 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 40 | 5.6 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 40 | 4.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 72% | | %REC | 27-125 | | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Fluorobiphenyl | 62% | | %REC | 30-120 | | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Terphenyl-d14 | 69% | | %REC | 33-155 | | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-6-5' | Lab ID: 432615-022 | Collected: 08/22/20 09:28 |
|---|---|---|
| | Matrix: Soil | |

| 432615-022 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 107% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.4 | 0.18 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.4 | 0.54 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 13 | 11 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 6.4 | 0.18 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 6.4 | 0.28 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | ND | | ug/Kg | 130 | 64 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 6.4 | 0.95 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 6.4 | 0.22 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **7.5** | J | ug/Kg | 130 | 0.92 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 6.4 | 0.22 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.4 | 0.19 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.4 | 0.18 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **2.9** | J | ug/Kg | 6.4 | 0.23 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | **1.0** | J | ug/Kg | 6.4 | 0.29 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.4 | 0.44 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-022 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 6.4 | 0.22 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **0.65** | J | ug/Kg | 6.4 | 0.22 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.4 | 0.28 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **0.64** | J | ug/Kg | 6.4 | 0.29 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.4 | 0.15 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.4 | 0.31 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 13 | 0.49 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 6.4 | 0.17 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 6.4 | 0.32 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.4 | 0.37 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 6.4 | 0.28 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 6.4 | 0.38 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 6.4 | 0.32 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 6.4 | 0.28 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 6.4 | 0.44 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.4 | 0.36 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 6.4 | 0.36 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.4 | 0.35 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.4 | 0.31 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 6.4 | 0.32 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.4 | 0.42 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 6.4 | 0.54 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 6.4 | 0.21 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | ND | | ug/Kg | 6.4 | | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 102% | | %REC | 70-145 | | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 1.3 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-7-2' | Lab ID: 432615-025 | Collected: 08/22/20 09:50 |
|---|---|---|
| | Matrix: Soil | |

| 432615-025 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 3.0 | 1.6 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **3.9** | | mg/Kg | 0.99 | 0.66 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **74** | | mg/Kg | 0.99 | 0.11 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.50** | | mg/Kg | 0.50 | 0.066 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.50 | 0.093 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **12** | | mg/Kg | 0.99 | 0.095 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **5.5** | | mg/Kg | 0.50 | 0.085 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **9.9** | | mg/Kg | 0.99 | 0.42 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **4.8** | | mg/Kg | 0.99 | 0.83 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.99 | 0.58 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **7.8** | | mg/Kg | 0.99 | 0.26 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.50 | 0.16 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **33** | | mg/Kg | 0.99 | 0.26 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **33** | | mg/Kg | 5.0 | 0.74 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.050** | J | mg/Kg | 0.14 | 0.038 | 0.98 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 20 | 8.0 | 2 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 20 | 8.0 | 2 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | **50** | B | mg/Kg | 20 | 8.0 | 2 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 105% | | %REC | 70-130 | | 2 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.42 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | **3.0** | J | ug/Kg | 5.0 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-025 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **92** | J | ug/Kg | 100 | 50 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.74 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.0 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **15** | J | ug/Kg | 100 | 0.72 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.0 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.15 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.34 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **0.22** | J | ug/Kg | 5.0 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **0.40** | J | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.12 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.38 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.24** | J | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.0 | 0.13 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.25 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.29 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.30 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.25 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-025 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.34 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.28 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.28 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.27 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.25 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.33 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.42 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.16 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **0.24** | J | ug/Kg | 5.0 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 103% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 101% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Naphthalene | ND | | ug/Kg | 500 | 200 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthylene | ND | | ug/Kg | 500 | 170 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthene | ND | | ug/Kg | 500 | 70 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluorene | ND | | ug/Kg | 500 | 65 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Phenanthrene | ND | | ug/Kg | 500 | 70 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Anthracene | ND | | ug/Kg | 500 | 60 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluoranthene | ND | | ug/Kg | 500 | 42 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Pyrene | ND | | ug/Kg | 500 | 39 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)anthracene | ND | | ug/Kg | 500 | 55 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Chrysene | ND | | ug/Kg | 500 | 42 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(b)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(k)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 500 | 70 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 500 | 60 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 101% | | %REC | 27-125 | | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Fluorobiphenyl | 82% | | %REC | 30-120 | | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Terphenyl-d14 | 81% | | %REC | 33-155 | | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-7-5' | Lab ID: 432615-026 | Collected: 08/22/20 09:52 |
|---|---|---|
| | Matrix: Soil | |

| 432615-026 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | **4.5** | J | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 108% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.5 | 0.13 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.5 | 0.38 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.9 | 7.9 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.5 | 0.13 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.5 | 0.20 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **130** | | ug/Kg | 89 | 45 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.5 | 0.66 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.5 | 0.15 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **9.2** | J | ug/Kg | 89 | 0.64 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.5 | 0.15 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.5 | 0.13 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.5 | 0.13 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **5.8** | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | **2.9** | J | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.30 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-026 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.5 | 0.15 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **4.5** | | ug/Kg | 4.5 | 0.15 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.5 | 0.20 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **7.1** | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.5 | 0.11 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **0.77** | J | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **0.81** | J | ug/Kg | 8.9 | 0.34 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.34** | J | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.5 | 0.12 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.5 | 0.17 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.5 | 0.22 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.26 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.5 | 0.20 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.5 | 0.27 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.22 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.20 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.5 | 0.30 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.25 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.5 | 0.25 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.5 | 0.24 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.19 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.21 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.5 | 0.22 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.5 | 0.18 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.29 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.5 | 0.38 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.5 | 0.14 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **1.1** | J | ug/Kg | 4.5 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 99% | | %REC | 70-145 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 102% | | %REC | 70-145 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 0.89 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-8-2' | Lab ID: 432615-029 | Collected: 08/21/20 11:35 |
|---|---|---|
| | Matrix: Soil | |

| 432615-029 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **1.7** | J | mg/Kg | 2.9 | 1.6 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **4.6** | | mg/Kg | 0.97 | 0.65 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **170** | | mg/Kg | 0.97 | 0.11 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.37** | J | mg/Kg | 0.49 | 0.065 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.49 | 0.091 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **20** | | mg/Kg | 0.97 | 0.093 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **9.3** | | mg/Kg | 0.49 | 0.083 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **43** | | mg/Kg | 0.97 | 0.41 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **25** | | mg/Kg | 0.97 | 0.82 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.97 | 0.57 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **16** | | mg/Kg | 0.97 | 0.25 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.9 | 1.7 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.49 | 0.16 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 2.9 | 1.1 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **37** | | mg/Kg | 0.97 | 0.25 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **65** | | mg/Kg | 4.9 | 0.73 | 0.97 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.14** | | mg/Kg | 0.13 | 0.035 | 0.9 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 50 | 20 | 5 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | **100** | | mg/Kg | 50 | 20 | 5 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | **1,400** | | mg/Kg | 50 | 20 | 5 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 105% | | %REC | 70-130 | | 5 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.0 | 0.11 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.0 | 0.16 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.0 | 0.16 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.0 | 0.33 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.0 | 0.15 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 7.9 | 7.0 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.0 | 0.18 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.0 | 0.11 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.0 | 0.16 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-029 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 4.0 | 0.18 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **190** | | ug/Kg | 79 | 40 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.0 | 0.59 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.0 | 0.14 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.0 | 0.13 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.0 | 0.15 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.0 | 0.18 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **28** | J | ug/Kg | 79 | 0.57 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.0 | 0.16 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.0 | 0.15 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.0 | 0.13 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.0 | 0.14 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.0 | 0.12 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.0 | 0.14 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.0 | 0.11 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **4.9** | | ug/Kg | 4.0 | 0.14 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | **1.2** | J | ug/Kg | 4.0 | 0.18 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.0 | 0.27 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.0 | 0.16 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.0 | 0.13 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.0 | 0.16 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **3.7** | J | ug/Kg | 4.0 | 0.13 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.0 | 0.14 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.0 | 0.15 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **0.35** | J | ug/Kg | 4.0 | 0.18 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.0 | 0.15 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.0 | 0.095 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.0 | 0.14 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.0 | 0.19 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **1.4** | J | ug/Kg | 4.0 | 0.18 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **2.0** | J | ug/Kg | 7.9 | 0.30 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **2.0** | J | ug/Kg | 4.0 | 0.15 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.0 | 0.10 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.0 | 0.15 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | **0.95** | J | ug/Kg | 4.0 | 0.20 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.0 | 0.23 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.0 | 0.16 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | **0.62** | J | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.0 | 0.24 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | **2.5** | J | ug/Kg | 4.0 | 0.18 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.0 | 0.20 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-029 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 4.0 | 0.27 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | **3.8** | J | ug/Kg | 4.0 | 0.22 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | **0.43** | J | ug/Kg | 4.0 | 0.22 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | **1.3** | J | ug/Kg | 4.0 | 0.21 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.0 | 0.17 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.0 | 0.19 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | **0.77** | J | ug/Kg | 4.0 | 0.20 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.0 | 0.14 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.0 | 0.16 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.0 | 0.26 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.0 | 0.33 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | **0.59** | B,J | ug/Kg | 4.0 | 0.13 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.0 | 0.14 | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **3.9** | J | ug/Kg | 4.0 | | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 97% | | %REC | 70-145 | | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 102% | | %REC | 70-145 | | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 103% | | %REC | 70-145 | | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 101% | | %REC | 70-145 | | 0.79 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Naphthalene | ND | | ug/Kg | 500 | 200 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 500 | 170 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluorene | ND | | ug/Kg | 500 | 65 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Anthracene | ND | | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluoranthene | **140** | J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Pyrene | **120** | B,J | ug/Kg | 500 | 39 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)anthracene | **170** | J | ug/Kg | 500 | 55 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Chrysene | **130** | J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(b)fluoranthene | **160** | J | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(k)fluoranthene | **130** | J | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)pyrene | **160** | J,b | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Indeno(1,2,3-cd)pyrene | **130** | J | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Dibenz(a,h)anthracene | **110** | J | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(g,h,i)perylene | **110** | J | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 118% | | %REC | 27-125 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Fluorobiphenyl | 83% | | %REC | 30-120 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Terphenyl-d14 | 391% | * | %REC | 33-155 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-8-5' | Lab ID: 432615-030 | Collected: 08/21/20 11:40 |
|---|---|---|
| | Matrix: Soil | |

| 432615-030 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 9.9 | 4.0 | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 9.9 | 4.0 | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | **5.7** | B,J | mg/Kg | 9.9 | 4.0 | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 110% | | %REC | 70-130 | | 0.99 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.1 | 0.11 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.1 | 0.34 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.2 | 7.2 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.1 | 0.19 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.1 | 0.11 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.1 | 0.18 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.1 | 0.19 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **50** | J | ug/Kg | 82 | 41 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.1 | 0.61 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.1 | 0.14 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.1 | 0.19 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **8.8** | J | ug/Kg | 82 | 0.59 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.1 | 0.14 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.1 | 0.12 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.1 | 0.11 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **13** | | ug/Kg | 4.1 | 0.15 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | **0.74** | J | ug/Kg | 4.1 | 0.19 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.1 | 0.28 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-030 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.1 | 0.14 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **11** | | ug/Kg | 4.1 | 0.14 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.1 | 0.18 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **0.87** | J | ug/Kg | 4.1 | 0.19 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.1 | 0.098 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.1 | 0.20 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **1.9** | J | ug/Kg | 4.1 | 0.19 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **2.0** | J | ug/Kg | 8.2 | 0.31 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.88** | J | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.1 | 0.11 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.1 | 0.20 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.1 | 0.24 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.1 | 0.18 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.1 | 0.25 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.1 | 0.19 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.1 | 0.20 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.1 | 0.18 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.1 | 0.28 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.33** | J | ug/Kg | 4.1 | 0.23 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.1 | 0.23 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.1 | 0.22 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.1 | 0.20 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.1 | 0.20 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.1 | 0.27 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.1 | 0.34 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | **0.17** | B,J | ug/Kg | 4.1 | 0.13 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **2.9** | J | ug/Kg | 4.1 | | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 110% | | %REC | 70-145 | | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 98% | | %REC | 70-145 | | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 98% | | %REC | 70-145 | | 0.82 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-9-2' | Lab ID: 432615-033 | Collected: 08/21/20 10:40 |
|---|---|---|
| | Matrix: Soil | |

| 432615-033 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 3.0 | 1.6 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **5.4** | | mg/Kg | 0.99 | 0.66 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **190** | | mg/Kg | 0.99 | 0.11 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.66** | | mg/Kg | 0.50 | 0.066 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.50 | 0.093 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **30** | | mg/Kg | 0.99 | 0.095 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **13** | | mg/Kg | 0.50 | 0.085 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **36** | | mg/Kg | 0.99 | 0.42 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **8.5** | | mg/Kg | 0.99 | 0.83 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.99 | 0.58 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **23** | | mg/Kg | 0.99 | 0.26 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.50 | 0.16 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **49** | | mg/Kg | 0.99 | 0.26 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **69** | | mg/Kg | 5.0 | 0.74 | 0.99 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.063** | J | mg/Kg | 0.13 | 0.037 | 0.95 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 106% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.6 | 8.5 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-033 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **120** | | ug/Kg | 96 | 48 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.8 | 0.71 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **18** | J | ug/Kg | 96 | 0.69 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.8 | 0.14 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **14** | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | **0.30** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **9.3** | | ug/Kg | 4.8 | 0.16 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.8 | 0.12 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **1.4** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **1.5** | J | ug/Kg | 9.6 | 0.37 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.62** | J | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.28 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-033 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.30** | J | ug/Kg | 4.8 | 0.27 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.8 | 0.26 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.32 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.8 | 0.15 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **2.1** | J | ug/Kg | 4.8 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 107% | | %REC | 70-145 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 99% | | %REC | 70-145 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 0.96 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 10 | 3.7 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 10 | 3.8 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Naphthalene | ND | | ug/Kg | 10 | 4.0 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Fluorene | ND | | ug/Kg | 10 | 1.3 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Fluoranthene | ND | | ug/Kg | 10 | 0.84 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Pyrene | **1.1** | B,J | ug/Kg | 10 | 0.78 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 10 | 1.1 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Chrysene | ND | | ug/Kg | 10 | 0.83 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 90% | | %REC | 27-125 | | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| 2-Fluorobiphenyl | 78% | | %REC | 30-120 | | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Terphenyl-d14 | 414% | * | %REC | 33-155 | | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-9-5' | Lab ID: 432615-034 | Collected: 08/21/20 10:45 |
|---|---|---|
| | Matrix: Soil | |

| 432615-034 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C23-C44) | **4.5** | J | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 109% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.1 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.1 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.1 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.1 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.1 | 0.43 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.1 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 9.0 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.1 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.1 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.1 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.1 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.1 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 5.1 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | ND | | ug/Kg | 100 | 51 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.1 | 0.76 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.1 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.1 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.1 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.1 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.1 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **5.5** | J | ug/Kg | 100 | 0.73 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.1 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.1 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.1 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.1 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.1 | 0.15 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.1 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.1 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.1 | 0.14 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **4.2** | J | ug/Kg | 5.1 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 5.1 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.1 | 0.35 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.1 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-034 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 5.1 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | **0.74** | J | ug/Kg | 5.1 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.1 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **4.4** | J | ug/Kg | 5.1 | 0.17 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.1 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.1 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.1 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 5.1 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.1 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.1 | 0.12 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.1 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.1 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **0.93** | J | ug/Kg | 5.1 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **1.3** | J | ug/Kg | 10 | 0.39 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.53** | J | ug/Kg | 5.1 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.1 | 0.13 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.1 | 0.19 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.1 | 0.26 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.1 | 0.30 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.1 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.1 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.1 | 0.31 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.1 | 0.23 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.1 | 0.26 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.1 | 0.22 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 5.1 | 0.35 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.30** | J | ug/Kg | 5.1 | 0.29 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.1 | 0.29 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.1 | 0.28 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.21 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.24 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.1 | 0.26 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.1 | 0.20 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.1 | 0.34 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.1 | 0.43 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | **0.30** | B,J | ug/Kg | 5.1 | 0.16 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.1 | 0.18 | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **1.8** | J | ug/Kg | 5.1 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 105% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 101% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 98% | | %REC | 70-145 | | 1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-10-2' | Lab ID: 432615-037 | Collected: 08/21/20 13:06 |
|---|---|---|
| | Matrix: Soil | |

| 432615-037 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 110 | 44 | 11 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C13-C22) | **180** | | mg/Kg | 110 | 44 | 11 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C23-C44) | **850** | | mg/Kg | 110 | 44 | 11 | 251720 | 08/26/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 121% | | %REC | 70-130 | | 11 | 251720 | 08/26/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.6 | 0.16 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.6 | 0.47 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butyl Alcohol (TBA) | **10** | J | ug/Kg | 11 | 9.8 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.6 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.6 | 0.16 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.6 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 5.6 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Acetone | **190** | | ug/Kg | 110 | 56 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.6 | 0.82 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.6 | 0.19 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.6 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Butanone | **17** | J | ug/Kg | 110 | 0.80 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.6 | 0.19 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.6 | 0.17 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.6 | 0.16 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Benzene | **8.0** | | ug/Kg | 5.6 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Trichloroethene | **2.8** | J | ug/Kg | 5.6 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.6 | 0.38 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-037 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Methyl-2-Pentanone | **0.69** | J | ug/Kg | 5.6 | 0.19 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene | **6.3** | | ug/Kg | 5.6 | 0.19 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.6 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Tetrachloroethene | **1.3** | J | ug/Kg | 5.6 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.6 | 0.13 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.6 | 0.27 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Ethylbenzene | **1.2** | J | ug/Kg | 5.6 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| m,p-Xylenes | **2.2** | J | ug/Kg | 11 | 0.42 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| o-Xylene | **0.94** | J | ug/Kg | 5.6 | 0.21 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.6 | 0.14 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.6 | 0.28 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.6 | 0.32 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.6 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.6 | 0.33 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.6 | 0.26 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.6 | 0.28 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.6 | 0.24 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 5.6 | 0.38 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.6 | 0.31 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.6 | 0.31 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.6 | 0.30 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.6 | 0.27 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.6 | 0.28 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.6 | 0.37 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.6 | 0.47 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Naphthalene | **0.24** | B,J | ug/Kg | 5.6 | 0.18 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Xylene (total) | **3.1** | J | ug/Kg | 5.6 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| 1,2-Dichloroethane-d4 | 103% | | %REC | 70-145 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 1.1 | 251659 | 08/27/20 | 08/27/20 | LYZ |

Method: EPA 8270C-SIM
Prep Method: EPA 3550C



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-037 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Naphthalene | ND | | ug/Kg | 500 | 200 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 500 | 170 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluorene | ND | | ug/Kg | 500 | 65 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Phenanthrene | **200** | J | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Anthracene | **97** | J | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluoranthene | **370** | J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Pyrene | **390** | J | ug/Kg | 500 | 39 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)anthracene | **210** | J | ug/Kg | 500 | 55 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Chrysene | **270** | J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(b)fluoranthene | **270** | J | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(k)fluoranthene | **170** | J | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)pyrene | **290** | J,b | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Indeno(1,2,3-cd)pyrene | **250** | J | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(g,h,i)perylene | **190** | J | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 89% | | %REC | 27-125 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Fluorobiphenyl | 85% | | %REC | 30-120 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Terphenyl-d14 | 101% | | %REC | 33-155 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-10-5' | Lab ID: 432615-038 | Collected: 08/21/20 13:13 |
|---|---|---|
| | Matrix: Soil | |

| 432615-038 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **2.7** | J | mg/Kg | 2.8 | 1.5 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Arsenic | **18** | | mg/Kg | 0.93 | 0.62 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Barium | **170** | | mg/Kg | 0.93 | 0.10 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Beryllium | **0.55** | | mg/Kg | 0.46 | 0.062 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.46 | 0.087 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Chromium | **25** | | mg/Kg | 0.93 | 0.089 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Cobalt | **10** | | mg/Kg | 0.46 | 0.080 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Copper | **24** | | mg/Kg | 0.93 | 0.39 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Lead | **8.4** | | mg/Kg | 0.93 | 0.78 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.93 | 0.55 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Nickel | **18** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.8 | 1.7 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.46 | 0.15 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 2.8 | 1.0 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Vanadium | **47** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Zinc | **60** | | mg/Kg | 4.6 | 0.69 | 0.93 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | ND | | mg/Kg | 0.13 | 0.035 | 0.9 | 252425 | 09/09/20 | 09/09/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C23-C44) | **12** | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 105% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | H | ug/Kg | 50 | 3.0 | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |
| Aroclor-1221 | ND | H | ug/Kg | 50 | 14 | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |
| Aroclor-1232 | ND | H | ug/Kg | 50 | 9.5 | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |
| Aroclor-1242 | ND | H | ug/Kg | 50 | 14 | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |
| Aroclor-1248 | ND | H | ug/Kg | 50 | 19 | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |
| Aroclor-1254 | ND | H | ug/Kg | 50 | 20 | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |
| Aroclor-1260 | ND | H | ug/Kg | 50 | 6.9 | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |
| Aroclor-1262 | ND | H | ug/Kg | 50 | 17 | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |
| Aroclor-1268 | ND | H | ug/Kg | 50 | 8.6 | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 61% | H | %REC | 19-121 | | 1 | 252729 | 09/16/20 | 09/17/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-038 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.9 | 0.27 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.9 | 0.52 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.9 | 0.84 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.9 | 0.26 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.9 | 0.47 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.9 | 0.66 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.8 | 8.6 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.9 | 0.42 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.9 | 0.35 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 4.9 | 0.42 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.9 | 0.29 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.9 | 0.31 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.9 | 0.27 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | ND | | ug/Kg | 98 | 49 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.9 | 0.73 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.9 | 0.65 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 4.9 | 0.43 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.9 | 0.34 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.9 | 0.39 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **7.2** | J | ug/Kg | 98 | 3.1 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.9 | 0.52 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.9 | 0.52 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.9 | 0.34 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.9 | 0.34 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.9 | 0.44 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.9 | 0.41 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.9 | 0.32 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.9 | 0.47 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **6.7** | | ug/Kg | 4.9 | 0.21 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | ND | | ug/Kg | 4.9 | 0.52 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.9 | 0.55 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.9 | 0.49 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 4.9 | 0.54 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.9 | 1.9 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.9 | 0.29 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **6.2** | | ug/Kg | 4.9 | 0.44 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.9 | 0.39 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.9 | 0.56 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.9 | 0.45 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | ND | | ug/Kg | 4.9 | 0.57 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.9 | 0.37 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.9 | 0.50 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.9 | 0.25 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-038 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.9 | 0.47 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **1.3** | J | ug/Kg | 4.9 | 0.43 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **1.6** | J | ug/Kg | 9.8 | 0.81 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **0.62** | J | ug/Kg | 4.9 | 0.30 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 4.9 | 0.45 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.9 | 0.49 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 4.9 | 0.35 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.9 | 0.37 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.9 | 0.72 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 4.9 | 0.37 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.9 | 0.33 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.9 | 0.39 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.9 | 0.45 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.9 | 0.50 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.9 | 0.33 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.9 | 0.44 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.9 | 0.44 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.9 | 0.53 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.46 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.45 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 4.9 | 0.65 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.52 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.9 | 0.63 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.9 | 0.87 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.9 | 0.59 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 4.9 | 0.84 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.9 | 0.53 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **2.2** | J | ug/Kg | 4.9 | | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 104% | | %REC | 70-145 | 1.3 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 111% | | %REC | 70-145 | | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 98% | | %REC | 70-145 | | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 94% | | %REC | 70-145 | 1.5 | 0.98 | 251658 | 08/26/20 | 08/26/20 | JTB |

**Sample ID: SB-10-10'** **Lab ID: 432615-039** **Collected: 08/21/20 13:14**
**Matrix: Soil**

| 432615-039 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Arsenic | **4.0** | | mg/Kg | 1.0 | 0.70 | 1 | 252610 | 09/14/20 | 09/15/20 | SBW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-11-2' | Lab ID: 432615-041 | Collected: 08/21/20 14:48 |
|---|---|---|
| | Matrix: Soil | |

| 432615-041 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **19** | | mg/Kg | 2.8 | 1.5 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **5.5** | | mg/Kg | 0.94 | 0.63 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **180** | | mg/Kg | 0.94 | 0.10 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.34** | J | mg/Kg | 0.47 | 0.063 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | **1.0** | | mg/Kg | 0.47 | 0.089 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **88** | | mg/Kg | 0.94 | 0.091 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **10** | | mg/Kg | 0.47 | 0.081 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **61** | | mg/Kg | 0.94 | 0.40 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **2,400** | | mg/Kg | 0.94 | 0.79 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **11** | | mg/Kg | 0.94 | 0.56 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **15** | | mg/Kg | 0.94 | 0.25 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.8 | 1.7 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | **0.28** | J | mg/Kg | 0.47 | 0.15 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 2.8 | 1.0 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **37** | | mg/Kg | 0.94 | 0.25 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **160** | | mg/Kg | 4.7 | 0.71 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.86** | | mg/Kg | 0.14 | 0.038 | 0.98 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | **27** | J | mg/Kg | 50 | 20 | 5 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C13-C22) | **350** | | mg/Kg | 50 | 20 | 5 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C23-C44) | **1,100** | | mg/Kg | 50 | 20 | 5 | 251720 | 08/26/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 100% | | %REC | 70-130 | | 5 | 251720 | 08/26/20 | 08/28/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 250 | 15 | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 250 | 69 | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 250 | 47 | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 250 | 69 | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 250 | 94 | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1254 | **1,900** | | ug/Kg | 250 | 99 | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 250 | 34 | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 250 | 84 | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 250 | 43 | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 110% | | %REC | 19-121 | | 5 | 251650 | 08/25/20 | 09/01/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-041 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 240 | 17 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 240 | 30 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 240 | 22 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 240 | 7.3 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 240 | 6.3 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 240 | 5.8 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 470 | 77 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 240 | 3.6 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | **40** | B,J | ug/Kg | 240 | 6.4 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | **100** | J | ug/Kg | 240 | 5.0 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | **200** | B,J | ug/Kg | 240 | 6.2 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 240 | 8.9 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 240 | 8.1 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **1,400** | B,J | ug/Kg | 4,700 | 260 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 240 | 17 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 240 | 4.8 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 240 | 9.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 240 | 5.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | **36** | J | ug/Kg | 240 | 4.8 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | **46** | J | ug/Kg | 240 | 7.2 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **880** | B,J | ug/Kg | 4,700 | 46 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | **640** | | ug/Kg | 240 | 6.1 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 240 | 6.8 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 240 | 6.2 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 240 | 14 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | **27** | J | ug/Kg | 240 | 8.3 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 240 | 7.1 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 240 | 7.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | **21** | J | ug/Kg | 240 | 4.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **15** | J | ug/Kg | 240 | 4.1 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **390** | | ug/Kg | 240 | 9.3 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 240 | 7.6 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 240 | 8.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 240 | 20 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | **1,300** | | ug/Kg | 240 | 21 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 240 | 5.6 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **5,700** | | ug/Kg | 240 | 6.6 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 240 | 8.6 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 240 | 12 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 240 | 5.4 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | **230** | J | ug/Kg | 240 | 5.0 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 240 | 7.6 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 240 | 10 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | **7.8** | J | ug/Kg | 240 | 5.1 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-041 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 240 | 9.2 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **330** | | ug/Kg | 240 | 3.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **1,800** | | ug/Kg | 470 | 9.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **1,100** | | ug/Kg | 240 | 4.3 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | **380** | | ug/Kg | 240 | 2.8 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 240 | 9.4 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | **47** | J | ug/Kg | 240 | 3.9 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 240 | 9.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 240 | 4.1 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | **88** | J | ug/Kg | 240 | 3.9 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 240 | 7.6 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | **610** | | ug/Kg | 240 | 5.3 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 240 | 5.0 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 240 | 4.9 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 240 | 4.2 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | **1,100** | | ug/Kg | 240 | 3.6 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 240 | 3.2 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | **69** | J | ug/Kg | 240 | 3.8 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 240 | 4.2 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | **8.4** | B,J | ug/Kg | 240 | 5.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 240 | 4.0 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | **19** | J | ug/Kg | 240 | 4.9 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 240 | 5.7 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | **440** | | ug/Kg | 240 | 4.6 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 240 | 4.5 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | **360** | | ug/Kg | 240 | 7.9 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | **26** | B,J | ug/Kg | 240 | 4.7 | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **2,800** | | ug/Kg | 240 | | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 95% | | %REC | 70-145 | | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 98% | | %REC | 70-145 | | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 101% | | %REC | 70-145 | | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 96% | | %REC | 70-145 | | 47 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Naphthalene | ND | | ug/Kg | 500 | 200 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 500 | 170 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluorene | ND | | ug/Kg | 500 | 65 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Phenanthrene | **78** | J | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Anthracene | ND | | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluoranthene | **100** | B,J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Pyrene | **130** | B,J | ug/Kg | 500 | 39 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)anthracene | **97** | J | ug/Kg | 500 | 55 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-041 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | **130** | J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(b)fluoranthene | **110** | J | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)pyrene | **100** | J,b | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(g,h,i)perylene | **63** | J | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 105% | | %REC | 27-125 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Fluorobiphenyl | 68% | | %REC | 30-120 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Terphenyl-d14 | 69% | | %REC | 33-155 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-11-5' | Lab ID: 432615-042 | Collected: 08/21/20 14:50 |
|---|---|---|
| | Matrix: Soil | |

| 432615-042 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Lead | **6.3** | | mg/Kg | 0.94 | 0.79 | 0.94 | 252543 | 09/11/20 | 09/11/20 | KLN |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C13-C22) | **4.2** | J | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 103% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 73% | | %REC | 19-121 | | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.2 | 0.44 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.2 | 0.72 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.2 | 0.40 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.2 | 0.56 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **66** | | ug/Kg | 8.3 | 7.3 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.2 | 0.36 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.2 | 0.30 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | **0.94** | J | ug/Kg | 4.2 | 0.36 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.2 | 0.25 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.2 | 0.27 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **75** | J | ug/Kg | 83 | 42 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.2 | 0.62 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.2 | 0.55 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-042 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| MTBE | **0.85** | J | ug/Kg | 4.2 | 0.37 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.2 | 0.29 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | **0.74** | J | ug/Kg | 4.2 | 0.33 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **12** | J | ug/Kg | 83 | 2.7 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | **3.7** | J | ug/Kg | 4.2 | 0.44 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.2 | 0.44 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.2 | 0.29 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.2 | 0.29 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.2 | 0.38 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.2 | 0.35 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.2 | 0.40 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **8.6** | | ug/Kg | 4.2 | 0.18 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **2.4** | J | ug/Kg | 4.2 | 0.44 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.2 | 0.47 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.2 | 0.42 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 4.2 | 0.46 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | **6.2** | | ug/Kg | 4.2 | 1.6 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.2 | 0.25 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **8.8** | | ug/Kg | 4.2 | 0.38 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.2 | 0.33 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.2 | 0.48 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.2 | 0.38 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | ND | | ug/Kg | 4.2 | 0.48 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.2 | 0.32 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.2 | 0.43 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.2 | 0.22 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.2 | 0.40 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **2.0** | J | ug/Kg | 4.2 | 0.37 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **2.1** | J | ug/Kg | 8.3 | 0.69 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **1.2** | J | ug/Kg | 4.2 | 0.26 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 4.2 | 0.38 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.2 | 0.42 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 4.2 | 0.30 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.2 | 0.32 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.2 | 0.61 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 4.2 | 0.32 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.2 | 0.33 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.2 | 0.38 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.2 | 0.43 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | **0.43** | J | ug/Kg | 4.2 | 0.38 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.2 | 0.38 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.2 | 0.45 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.39 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-042 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.38 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 4.2 | 0.55 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.44 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.2 | 0.53 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.2 | 0.74 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.2 | 0.50 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 4.2 | 0.72 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.2 | 0.45 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **3.3** | J | ug/Kg | 4.2 | | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 103% | | %REC | 70-145 | 1.1 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 113% | | %REC | 70-145 | | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 99% | | %REC | 70-145 | | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 91% | | %REC | 70-145 | 1.3 | 0.83 | 251658 | 08/26/20 | 08/26/20 | JTB |

**Sample ID: SB-11-10'** **Lab ID: 432615-043** **Collected: 08/21/20 14:53**
**Matrix: Soil**

| 432615-043 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 60% | | %REC | 19-121 | | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| Sample ID: SB-11-15' | Lab ID: 432615-044 | Collected: 08/21/20 14:55 |
|---|---|---|
| | Matrix: Soil | |

| 432615-044 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 91% | | %REC | 19-121 | | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-12-2' | Lab ID: 432615-045 | Collected: 08/21/20 13:27 |
|---|---|---|
| | Matrix: Soil | |

| 432615-045 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **1.7** | J | mg/Kg | 3.0 | 1.6 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **6.6** | | mg/Kg | 1.0 | 0.67 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **200** | | mg/Kg | 1.0 | 0.11 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.55** | | mg/Kg | 0.50 | 0.067 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.50 | 0.094 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **26** | | mg/Kg | 1.0 | 0.096 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **13** | | mg/Kg | 0.50 | 0.086 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **30** | | mg/Kg | 1.0 | 0.42 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **8.3** | | mg/Kg | 1.0 | 0.84 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **0.80** | J | mg/Kg | 1.0 | 0.59 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **21** | | mg/Kg | 1.0 | 0.26 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.50 | 0.16 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **47** | | mg/Kg | 1.0 | 0.26 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **65** | | mg/Kg | 5.0 | 0.75 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.074** | J | mg/Kg | 0.14 | 0.039 | 1 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 109% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 49 | 2.9 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 49 | 14 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 49 | 9.3 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 49 | 14 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 49 | 19 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 49 | 20 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 49 | 6.8 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 49 | 17 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 49 | 8.4 | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 84% | | %REC | 19-121 | | 0.98 | 251650 | 08/25/20 | 08/26/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-045 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.4 | 0.25 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.4 | 0.46 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.4 | 0.75 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.4 | 0.24 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.4 | 0.42 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.4 | 0.59 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.8 | 7.7 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.4 | 0.38 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.4 | 0.32 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 4.4 | 0.38 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.4 | 0.26 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.4 | 0.28 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.4 | 0.25 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **49** | J | ug/Kg | 88 | 44 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.4 | 0.65 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.4 | 0.16 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.4 | 0.58 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 4.4 | 0.39 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.4 | 0.31 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.4 | 0.35 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **10** | J | ug/Kg | 88 | 2.8 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | **2.4** | J | ug/Kg | 4.4 | 0.46 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.4 | 0.46 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.4 | 0.31 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.4 | 0.31 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.4 | 0.39 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.4 | 0.37 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.4 | 0.29 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.4 | 0.42 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **20** | | ug/Kg | 4.4 | 0.18 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **1.7** | J | ug/Kg | 4.4 | 0.46 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.4 | 0.49 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.4 | 0.44 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 4.4 | 0.48 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.4 | 1.7 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.4 | 0.26 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **20** | | ug/Kg | 4.4 | 0.39 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.4 | 0.35 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.4 | 0.50 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.4 | 0.40 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | ND | | ug/Kg | 4.4 | 0.51 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.4 | 0.33 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.4 | 0.45 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.4 | 0.23 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-045 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.4 | 0.42 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **4.5** | | ug/Kg | 4.4 | 0.39 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **5.6** | J | ug/Kg | 8.8 | 0.73 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **2.4** | J | ug/Kg | 4.4 | 0.27 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 4.4 | 0.40 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.4 | 0.44 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | **0.43** | J | ug/Kg | 4.4 | 0.32 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.4 | 0.33 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.4 | 0.64 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | **0.43** | J | ug/Kg | 4.4 | 0.33 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.4 | 0.30 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.4 | 0.35 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.4 | 0.40 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.4 | 0.45 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.4 | 0.30 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | **0.85** | J | ug/Kg | 4.4 | 0.39 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.4 | 0.39 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.4 | 0.47 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.4 | 0.41 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.4 | 0.40 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 4.4 | 0.58 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.4 | 0.46 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.4 | 0.56 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.4 | 0.78 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.4 | 0.53 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | **0.77** | J | ug/Kg | 4.4 | 0.75 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.4 | 0.47 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **8.0** | J | ug/Kg | 4.4 | | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | 1.1 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 112% | | %REC | 70-145 | | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 98% | | %REC | 70-145 | | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 91% | | %REC | 70-145 | 1.3 | 0.88 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 10 | 3.7 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 10 | 3.8 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Naphthalene | ND | | ug/Kg | 10 | 4.0 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Fluorene | ND | | ug/Kg | 10 | 1.3 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Fluoranthene | **0.99** | B,J | ug/Kg | 10 | 0.84 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Pyrene | **1.4** | B,J | ug/Kg | 10 | 0.78 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 10 | 1.1 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-045 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | ND | | ug/Kg | 10 | 0.83 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(k)fluoranthene | **5.4** | J | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(a)pyrene | **6.0** | J,b | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 60% | | %REC | 27-125 | | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| 2-Fluorobiphenyl | 51% | | %REC | 30-120 | | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |
| Terphenyl-d14 | 69% | | %REC | 33-155 | | 1 | 251614 | 08/25/20 | 08/27/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-12-5' | Lab ID: 432615-046 | Collected: 08/21/20 13:32 |
|---|---|---|
| | Matrix: Soil | |

| 432615-046 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 105% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 3.6 | 0.20 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 3.6 | 0.38 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 3.6 | 0.62 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 3.6 | 0.20 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 3.6 | 0.35 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 3.6 | 0.49 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 7.2 | 6.4 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 3.6 | 0.31 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 3.6 | 0.26 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 3.6 | 0.31 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 3.6 | 0.22 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 3.6 | 0.23 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 3.6 | 0.20 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **48** | J | ug/Kg | 72 | 36 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 3.6 | 0.54 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 3.6 | 0.13 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 3.6 | 0.48 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 3.6 | 0.32 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 3.6 | 0.25 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | **0.39** | J | ug/Kg | 3.6 | 0.29 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **8.2** | J | ug/Kg | 72 | 2.3 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | **8.8** | | ug/Kg | 3.6 | 0.38 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 3.6 | 0.38 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 3.6 | 0.25 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 3.6 | 0.25 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 3.6 | 0.33 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 3.6 | 0.30 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 3.6 | 0.24 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 3.6 | 0.35 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **5.9** | | ug/Kg | 3.6 | 0.15 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **6.0** | | ug/Kg | 3.6 | 0.38 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 3.6 | 0.41 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 3.6 | 0.36 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-046 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 3.6 | 0.40 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 3.6 | 1.4 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 3.6 | 0.22 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **3.2** | J | ug/Kg | 3.6 | 0.33 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 3.6 | 0.29 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 3.6 | 0.41 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 3.6 | 0.33 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | **0.48** | J | ug/Kg | 3.6 | 0.42 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 3.6 | 0.28 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 3.6 | 0.37 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 3.6 | 0.19 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 3.6 | 0.35 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **0.48** | J | ug/Kg | 3.6 | 0.32 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | ND | | ug/Kg | 7.2 | 0.60 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **0.23** | J | ug/Kg | 3.6 | 0.22 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 3.6 | 0.33 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 3.6 | 0.36 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 3.6 | 0.26 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 3.6 | 0.28 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 3.6 | 0.53 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 3.6 | 0.28 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 3.6 | 0.25 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 3.6 | 0.29 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 3.6 | 0.33 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 3.6 | 0.37 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 3.6 | 0.25 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 3.6 | 0.33 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 3.6 | 0.33 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 3.6 | 0.39 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 3.6 | 0.34 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 3.6 | 0.33 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 3.6 | 0.48 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 3.6 | 0.38 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 3.6 | 0.46 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 3.6 | 0.64 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 3.6 | 0.43 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 3.6 | 0.62 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 3.6 | 0.39 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **0.23** | J | ug/Kg | 3.6 | | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | 0.94 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 112% | | %REC | 70-145 | | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 98% | | %REC | 70-145 | | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 92% | | %REC | 70-145 | 1.1 | 0.72 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-13-2' | Lab ID: 432615-049 | Collected: 08/21/20 13:47 |
|---|---|---|
| | Matrix: Soil | |

| 432615-049 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **29** | | mg/Kg | 3.2 | 1.7 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **7.9** | | mg/Kg | 1.1 | 0.71 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **310** | | mg/Kg | 1.1 | 0.12 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.42** | J | mg/Kg | 0.53 | 0.071 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | **0.81** | | mg/Kg | 0.53 | 0.099 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **110** | | mg/Kg | 1.1 | 0.10 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **8.1** | | mg/Kg | 0.53 | 0.091 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **54** | | mg/Kg | 1.1 | 0.44 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **2,300** | | mg/Kg | 1.1 | 0.88 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **18** | | mg/Kg | 1.1 | 0.62 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **16** | | mg/Kg | 1.1 | 0.27 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.2 | 1.9 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | **1.4** | | mg/Kg | 0.53 | 0.17 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.2 | 1.2 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **28** | | mg/Kg | 1.1 | 0.27 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **110** | | mg/Kg | 5.3 | 0.79 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.33** | | mg/Kg | 0.14 | 0.038 | 0.97 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 50 | 20 | 5 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C13-C22) | **80** | | mg/Kg | 50 | 20 | 5 | 251720 | 08/26/20 | 08/28/20 | MES |
| TPH (C23-C44) | **390** | | mg/Kg | 50 | 20 | 5 | 251720 | 08/26/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 108% | | %REC | 70-130 | | 5 | 251720 | 08/26/20 | 08/28/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | H | ug/Kg | 50 | 3.0 | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |
| Aroclor-1221 | ND | H | ug/Kg | 50 | 14 | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |
| Aroclor-1232 | ND | H | ug/Kg | 50 | 9.5 | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |
| Aroclor-1242 | ND | H | ug/Kg | 50 | 14 | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |
| Aroclor-1248 | ND | H | ug/Kg | 50 | 19 | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |
| Aroclor-1254 | **790** | H | ug/Kg | 50 | 20 | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |
| Aroclor-1260 | ND | H | ug/Kg | 50 | 6.9 | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |
| Aroclor-1262 | ND | H | ug/Kg | 50 | 17 | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |
| Aroclor-1268 | ND | H | ug/Kg | 50 | 8.6 | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 67% | H | %REC | 19-121 | | 1 | 252650 | 09/14/20 | 09/17/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-049 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.51 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.83 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.8 | 0.26 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.8 | 0.46 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.8 | 0.64 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **12** | | ug/Kg | 9.6 | 8.5 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.8 | 0.41 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.8 | 0.35 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 4.8 | 0.41 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.8 | 0.31 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **200** | | ug/Kg | 96 | 48 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.8 | 0.71 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.8 | 0.63 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 4.8 | 0.42 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.34 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.8 | 0.38 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **20** | J | ug/Kg | 96 | 3.1 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.51 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.51 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.8 | 0.34 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.8 | 0.34 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.8 | 0.43 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.8 | 0.32 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.8 | 0.46 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **1.4** | J | ug/Kg | 4.8 | 0.20 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **2.6** | J | ug/Kg | 4.8 | 0.51 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.54 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.8 | 0.48 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 4.8 | 0.53 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.8 | 1.8 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **1.5** | J | ug/Kg | 4.8 | 0.43 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.38 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.8 | 0.55 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.8 | 0.44 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | **1.1** | J | ug/Kg | 4.8 | 0.56 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.8 | 0.37 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.8 | 0.49 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.8 | 0.25 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-049 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.46 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | ND | | ug/Kg | 4.8 | 0.42 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | ND | | ug/Kg | 9.6 | 0.80 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | ND | | ug/Kg | 4.8 | 0.30 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | **2.4** | J | ug/Kg | 4.8 | 0.44 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.8 | 0.48 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | **78** | | ug/Kg | 4.8 | 0.35 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.37 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.8 | 0.70 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 4.8 | 0.37 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.38 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.44 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.49 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.43 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.8 | 0.43 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.8 | 0.52 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.45 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.44 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 4.8 | 0.63 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.51 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.8 | 0.62 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.86 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.8 | 0.58 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 4.8 | 0.83 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.52 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | ND | | ug/Kg | 4.8 | | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | 1.3 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 106% | | %REC | 70-145 | | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 99% | | %REC | 70-145 | | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 92% | | %REC | 70-145 | 1.4 | 0.96 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Naphthalene | ND | | ug/Kg | 500 | 200 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 500 | 170 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluorene | ND | | ug/Kg | 500 | 65 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Phenanthrene | **130** | J | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Anthracene | ND | | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluoranthene | **93** | B,J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Pyrene | **88** | B,J | ug/Kg | 500 | 39 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)anthracene | **57** | J | ug/Kg | 500 | 55 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-049 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | **100** | J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(b)fluoranthene | **95** | J | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(g,h,i)perylene | **65** | J | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 96% | | %REC | 27-125 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Fluorobiphenyl | 81% | | %REC | 30-120 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Terphenyl-d14 | 84% | | %REC | 33-155 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-13-5' | Lab ID: 432615-050 | Collected: 08/21/20 13:55 |
|---|---|---|
| | Matrix: Soil | |

| 432615-050 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 101% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.5 | 0.25 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.47 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.77 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.5 | 0.24 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.5 | 0.43 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.5 | 0.60 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **9.9** | | ug/Kg | 8.9 | 7.9 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.5 | 0.38 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.5 | 0.32 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 4.5 | 0.38 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.5 | 0.27 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.5 | 0.29 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.5 | 0.25 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **110** | | ug/Kg | 89 | 45 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.5 | 0.66 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.5 | 0.16 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.5 | 0.59 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 4.5 | 0.39 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.31 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.5 | 0.36 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **13** | J | ug/Kg | 89 | 2.9 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | **1.5** | J | ug/Kg | 4.5 | 0.47 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.47 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.5 | 0.31 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.5 | 0.31 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.5 | 0.40 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.5 | 0.38 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.5 | 0.29 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.5 | 0.43 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **9.2** | | ug/Kg | 4.5 | 0.19 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **2.1** | J | ug/Kg | 4.5 | 0.47 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.50 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.5 | 0.45 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-050 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.5 | 0.49 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.5 | 1.7 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.27 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **6.6** | | ug/Kg | 4.5 | 0.40 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.36 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.5 | 0.51 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.5 | 0.41 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | ND | | ug/Kg | 4.5 | 0.52 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.5 | 0.34 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.5 | 0.46 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.5 | 0.23 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.43 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **1.4** | J | ug/Kg | 4.5 | 0.39 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **1.6** | J | ug/Kg | 8.9 | 0.74 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **0.64** | J | ug/Kg | 4.5 | 0.28 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 4.5 | 0.41 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.5 | 0.45 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | **2.1** | J | ug/Kg | 4.5 | 0.32 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.34 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.5 | 0.65 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 4.5 | 0.34 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.5 | 0.30 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.36 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.41 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.46 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.5 | 0.30 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.40 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.5 | 0.40 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.5 | 0.48 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.42 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.41 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 4.5 | 0.59 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.47 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.5 | 0.57 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.79 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.5 | 0.54 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 4.5 | 0.77 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.48 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **2.3** | J | ug/Kg | 4.5 | | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 99% | | %REC | 70-145 | 1.2 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 107% | | %REC | 70-145 | | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 97% | | %REC | 70-145 | | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 92% | | %REC | 70-145 | 1.3 | 0.89 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-13-10' | Lab ID: 432615-051 | Collected: 08/21/20 14:02 |
|---|---|---|
| | Matrix: Soil | |

| 432615-051 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 122% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.5 | 0.25 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.78 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.5 | 0.25 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.5 | 0.44 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.5 | 0.61 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.1 | 8.0 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.5 | 0.39 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.5 | 0.33 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 4.5 | 0.39 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.5 | 0.27 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.5 | 0.29 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.5 | 0.25 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | ND | | ug/Kg | 91 | 45 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.5 | 0.67 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.5 | 0.60 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 4.5 | 0.40 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.32 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.5 | 0.36 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **5.1** | J | ug/Kg | 91 | 2.9 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.5 | 0.32 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.5 | 0.32 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.5 | 0.41 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.5 | 0.38 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.5 | 0.30 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.5 | 0.44 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **3.3** | J | ug/Kg | 4.5 | 0.19 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.51 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.5 | 0.45 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-051 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.5 | 0.50 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.5 | 1.7 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.27 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **2.4** | J | ug/Kg | 4.5 | 0.41 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.36 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.5 | 0.52 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.5 | 0.42 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | ND | | ug/Kg | 4.5 | 0.53 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.5 | 0.35 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.5 | 0.46 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.5 | 0.24 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.44 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **0.53** | J | ug/Kg | 4.5 | 0.40 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | ND | | ug/Kg | 9.1 | 0.75 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **0.29** | J | ug/Kg | 4.5 | 0.28 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 4.5 | 0.42 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.5 | 0.45 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 4.5 | 0.33 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.35 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.5 | 0.66 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 4.5 | 0.35 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.5 | 0.31 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.36 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.42 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.46 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.5 | 0.31 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.41 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.5 | 0.41 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.5 | 0.49 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.43 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.42 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 4.5 | 0.60 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.5 | 0.58 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.81 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.5 | 0.55 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 4.5 | 0.78 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.49 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **0.29** | J | ug/Kg | 4.5 | | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | 1.2 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 109% | | %REC | 70-145 | | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 97% | | %REC | 70-145 | | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 93% | | %REC | 70-145 | 1.4 | 0.91 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-13-15' | Lab ID: 432615-052 | Collected: 08/21/20 14:08 |
|---|---|---|
| | Matrix: Soil | |

| 432615-052 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Lead | **3.6** | | mg/Kg | 1.1 | 0.88 | 1.1 | 252543 | 09/11/20 | 09/11/20 | KLN |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-14-2' | Lab ID: 432615-053 | Collected: 08/21/20 14:33 |
|---|---|---|
| | Matrix: Soil | |

| 432615-053 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 1,300 | 500 | 130 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | **1,400** | | mg/Kg | 1,300 | 500 | 130 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | **4,500** | | mg/Kg | 1,300 | 500 | 130 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 130 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 1,200 | 74 | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 1,200 | 350 | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 1,200 | 240 | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 1,200 | 350 | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 1,200 | 470 | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1254 | **22,000** | | ug/Kg | 1,200 | 500 | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 1,200 | 170 | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 1,200 | 420 | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 1,200 | 210 | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 184% | * | %REC | 19-121 | | 25 | 251650 | 08/25/20 | 09/01/20 | KTD |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.0 | 0.33 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 1.0 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.0 | 0.32 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.0 | 0.57 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.0 | 0.80 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **12** | | ug/Kg | 12 | 10 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 6.0 | 0.51 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 6.0 | 0.43 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 6.0 | 0.51 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 6.0 | 0.36 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 6.0 | 0.38 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | **0.56** | J | ug/Kg | 6.0 | 0.33 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **170** | | ug/Kg | 120 | 60 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | **0.92** | J | ug/Kg | 6.0 | 0.88 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | **0.23** | J | ug/Kg | 6.0 | 0.21 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 6.0 | 0.79 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 6.0 | 0.52 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.0 | 0.42 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | **2.4** | J | ug/Kg | 6.0 | 0.48 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-053 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | **32** | J | ug/Kg | 120 | 3.8 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 6.0 | 0.42 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 6.0 | 0.42 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | **35** | | ug/Kg | 6.0 | 0.54 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.0 | 0.50 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 6.0 | 0.39 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.0 | 0.57 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **0.59** | J | ug/Kg | 6.0 | 0.25 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **8.9** | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.67 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 6.0 | 0.60 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 6.0 | 0.65 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | **5.4** | J | ug/Kg | 6.0 | 2.3 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.36 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **0.81** | J | ug/Kg | 6.0 | 0.54 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.48 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.0 | 0.68 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.0 | 0.55 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | **18** | | ug/Kg | 6.0 | 0.69 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 6.0 | 0.45 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.0 | 0.61 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 6.0 | 0.31 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.57 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **0.63** | J | ug/Kg | 6.0 | 0.52 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **1.1** | J | ug/Kg | 12 | 0.99 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **0.40** | J | ug/Kg | 6.0 | 0.37 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | **2.5** | J | ug/Kg | 6.0 | 0.55 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 6.0 | 0.60 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 6.0 | 0.43 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.45 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.0 | 0.87 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 6.0 | 0.45 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.48 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.55 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.61 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.54 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 6.0 | 0.54 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.0 | 0.64 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.56 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.55 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 6.0 | 0.79 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-053 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.0 | 0.76 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.0 | 1.1 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 6.0 | 0.71 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | **1.4** | J | ug/Kg | 6.0 | 1.0 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.0 | 0.64 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **1.5** | J | ug/Kg | 6.0 | | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 106% | | %REC | 70-145 | 1.5 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 112% | | %REC | 70-145 | | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 96% | | %REC | 70-145 | 1.8 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | **1,100** | | ug/Kg | 1,000 | 370 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| 2-Methylnaphthalene | **2,500** | | ug/Kg | 1,000 | 380 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Naphthalene | **3,000** | | ug/Kg | 1,000 | 400 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 1,000 | 330 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Acenaphthene | **1,200** | | ug/Kg | 1,000 | 140 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Fluorene | **960** | J | ug/Kg | 1,000 | 130 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Phenanthrene | **3,100** | | ug/Kg | 1,000 | 140 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Anthracene | **900** | J | ug/Kg | 1,000 | 120 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Fluoranthene | **3,000** | | ug/Kg | 1,000 | 84 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Pyrene | **2,900** | | ug/Kg | 1,000 | 78 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(a)anthracene | **2,900** | | ug/Kg | 1,000 | 110 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Chrysene | **3,200** | | ug/Kg | 1,000 | 83 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(b)fluoranthene | **3,700** | | ug/Kg | 1,000 | 170 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(k)fluoranthene | **3,000** | | ug/Kg | 1,000 | 170 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(a)pyrene | **4,100** | | ug/Kg | 1,000 | 180 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Indeno(1,2,3-cd)pyrene | **2,500** | | ug/Kg | 1,000 | 180 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Dibenz(a,h)anthracene | **410** | J,b | ug/Kg | 1,000 | 140 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(g,h,i)perylene | **2,500** | | ug/Kg | 1,000 | 120 | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 46% | | %REC | 27-125 | | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| 2-Fluorobiphenyl | 37% | | %REC | 30-120 | | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Terphenyl-d14 | 82% | | %REC | 33-155 | | 100 | 251614 | 08/25/20 | 09/01/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-14-5' | Lab ID: 432615-054 | Collected: 08/21/20 14:35 |
|---|---|---|
| | Matrix: Soil | |

| 432615-054 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 2.8 | 1.5 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Arsenic | **9.7** | | mg/Kg | 0.94 | 0.63 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Barium | **150** | | mg/Kg | 0.94 | 0.10 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Beryllium | **0.47** | | mg/Kg | 0.47 | 0.063 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.47 | 0.089 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Chromium | **23** | | mg/Kg | 0.94 | 0.091 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Cobalt | **9.9** | | mg/Kg | 0.47 | 0.081 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Copper | **25** | | mg/Kg | 0.94 | 0.40 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Lead | **31** | | mg/Kg | 0.94 | 0.79 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.94 | 0.56 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Nickel | **17** | | mg/Kg | 0.94 | 0.25 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.8 | 1.7 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.47 | 0.15 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 2.8 | 1.0 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Vanadium | **39** | | mg/Kg | 0.94 | 0.25 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Zinc | **52** | | mg/Kg | 4.7 | 0.71 | 0.94 | 252394 | 09/09/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | ND | | mg/Kg | 0.12 | 0.034 | 0.88 | 252425 | 09/09/20 | 09/09/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 103% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 60% | | %REC | 19-121 | | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-054 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.1 | 0.29 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.1 | 0.54 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.1 | 0.88 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.1 | 0.28 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.1 | 0.49 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.1 | 0.68 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **24** | | ug/Kg | 10 | 9.0 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 5.1 | 0.44 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 5.1 | 0.37 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 5.1 | 0.44 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | **0.37** | J | ug/Kg | 5.1 | 0.31 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 5.1 | 0.33 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 5.1 | 0.29 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **310** | | ug/Kg | 100 | 51 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 5.1 | 0.76 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.1 | 0.18 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 5.1 | 0.67 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 5.1 | 0.45 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.1 | 0.36 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | **3.7** | J | ug/Kg | 5.1 | 0.41 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **52** | J | ug/Kg | 100 | 3.3 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | **2.0** | J | ug/Kg | 5.1 | 0.54 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.1 | 0.54 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 5.1 | 0.36 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 5.1 | 0.36 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | **4.8** | J | ug/Kg | 5.1 | 0.46 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.1 | 0.43 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 5.1 | 0.34 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.1 | 0.49 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **5.6** | | ug/Kg | 5.1 | 0.21 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **6.5** | | ug/Kg | 5.1 | 0.54 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.1 | 0.57 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 5.1 | 0.51 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 5.1 | 0.56 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | **6.7** | | ug/Kg | 5.1 | 1.9 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.1 | 0.31 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **7.6** | | ug/Kg | 5.1 | 0.46 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.1 | 0.41 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.1 | 0.58 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.1 | 0.47 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | **32** | | ug/Kg | 5.1 | 0.59 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 5.1 | 0.39 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.1 | 0.52 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 5.1 | 0.27 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-054 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.1 | 0.49 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **100** | | ug/Kg | 5.1 | 0.45 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **95** | | ug/Kg | 10 | 0.85 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **5.1** | | ug/Kg | 5.1 | 0.32 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | **3.0** | J | ug/Kg | 5.1 | 0.47 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 5.1 | 0.51 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | **4.2** | J | ug/Kg | 5.1 | 0.37 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.1 | 0.39 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.1 | 0.74 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | **3.4** | J | ug/Kg | 5.1 | 0.39 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 5.1 | 0.35 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | **7.6** | | ug/Kg | 5.1 | 0.41 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 5.1 | 0.47 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 5.1 | 0.52 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 5.1 | 0.35 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | **12** | | ug/Kg | 5.1 | 0.46 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | **1.2** | J | ug/Kg | 5.1 | 0.46 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | **1.6** | J | ug/Kg | 5.1 | 0.55 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.48 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.47 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | **1.4** | J | ug/Kg | 5.1 | 0.67 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.54 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.1 | 0.65 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.1 | 0.91 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 5.1 | 0.61 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 5.1 | 0.88 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.1 | 0.55 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **100** | | ug/Kg | 5.1 | | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | 1.3 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 105% | | %REC | 70-145 | | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 101% | | %REC | 70-145 | | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 97% | | %REC | 70-145 | 1.5 | 1 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-14-10' | Lab ID: 432615-055 | Collected: 08/21/20 14:37 |
|---|---|---|
| | Matrix: Soil | |

| 432615-055 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 58% | | %REC | 19-121 | | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |

| Sample ID: SB-14-15' | Lab ID: 432615-056 | Collected: 08/21/20 14:40 |
|---|---|---|
| | Matrix: Soil | |

| 432615-056 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 67% | | %REC | 19-121 | | 1 | 252081 | 09/02/20 | 09/02/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-15-2' | Lab ID: 432615-057 | Collected: 08/22/20 07:42 |
|---|---|---|
| | Matrix: Soil | |

| 432615-057 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **4.8** | | mg/Kg | 3.2 | 1.7 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **7.9** | | mg/Kg | 1.1 | 0.71 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **110** | | mg/Kg | 1.1 | 0.12 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.23** | J | mg/Kg | 0.53 | 0.071 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | **0.98** | | mg/Kg | 0.53 | 0.10 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **38** | | mg/Kg | 1.1 | 0.10 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **7.2** | | mg/Kg | 0.53 | 0.091 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **38** | | mg/Kg | 1.1 | 0.45 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **390** | | mg/Kg | 1.1 | 0.89 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **4.0** | | mg/Kg | 1.1 | 0.63 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **17** | | mg/Kg | 1.1 | 0.28 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.2 | 1.9 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | **0.90** | | mg/Kg | 0.53 | 0.17 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.2 | 1.2 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **24** | | mg/Kg | 1.1 | 0.28 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **140** | | mg/Kg | 5.3 | 0.80 | 1.1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.32** | | mg/Kg | 0.13 | 0.035 | 0.9 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 107% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 500 | 30 | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 500 | 140 | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 500 | 95 | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 500 | 140 | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 500 | 190 | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |
| Aroclor-1254 | **290** | J | ug/Kg | 500 | 200 | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 500 | 69 | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 500 | 170 | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 500 | 86 | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 87% | | %REC | 19-121 | | 10 | 251650 | 08/25/20 | 09/02/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-057 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.3 | 0.29 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.3 | 0.71 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.4 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 5.3 | 0.34 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **70** | J | ug/Kg | 110 | 53 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 5.3 | 0.79 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.3 | 0.19 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 5.3 | 0.70 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 5.3 | 0.47 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **11** | J | ug/Kg | 110 | 3.4 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.3 | 0.45 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 5.3 | 0.35 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **0.70** | J | ug/Kg | 5.3 | 0.22 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **3.2** | J | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.60 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 5.3 | 0.59 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.3 | 2.0 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **0.79** | J | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.3 | 0.61 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | **0.66** | J | ug/Kg | 5.3 | 0.62 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 5.3 | 0.28 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-057 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | ND | | ug/Kg | 5.3 | 0.47 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.88 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | ND | | ug/Kg | 5.3 | 0.33 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.3 | 0.78 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.50 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 5.3 | 0.70 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.3 | 0.68 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.95 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 5.3 | 0.64 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | ND | | ug/Kg | 5.3 | | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | 1.4 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 108% | | %REC | 70-145 | | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 96% | | %REC | 70-145 | | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 93% | | %REC | 70-145 | 1.6 | 1.1 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 10 | 3.7 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 10 | 3.8 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Naphthalene | ND | | ug/Kg | 10 | 4.0 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Fluorene | ND | | ug/Kg | 10 | 1.3 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Phenanthrene | **4.2** | B,J | ug/Kg | 10 | 1.4 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Fluoranthene | **4.5** | B,J | ug/Kg | 10 | 0.84 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Pyrene | **5.0** | B,J | ug/Kg | 10 | 0.78 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(a)anthracene | **2.9** | J | ug/Kg | 10 | 1.1 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-057 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | **3.8** | B,J | ug/Kg | 10 | 0.83 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(b)fluoranthene | **3.5** | J | ug/Kg | 10 | 1.7 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(k)fluoranthene | **2.6** | J | ug/Kg | 10 | 1.7 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(a)pyrene | **3.5** | J | ug/Kg | 10 | 1.8 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Indeno(1,2,3-cd)pyrene | **2.0** | J | ug/Kg | 10 | 1.8 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 10 | 1.4 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(g,h,i)perylene | **2.1** | J | ug/Kg | 10 | 1.2 | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 60% | | %REC | 27-125 | | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| 2-Fluorobiphenyl | 55% | | %REC | 30-120 | | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Terphenyl-d14 | 54% | | %REC | 33-155 | | 1 | 251938 | 08/31/20 | 09/01/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-15-5' | Lab ID: 432615-058 | Collected: 08/22/20 07:46 |
|---|---|---|
| | Matrix: Soil | |

| 432615-058 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Lead | **5.8** | | mg/Kg | 1.0 | 0.86 | 1 | 252610 | 09/14/20 | 09/15/20 | SBW |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 102% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.0 | 0.33 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 1.0 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.0 | 0.32 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.0 | 0.57 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.0 | 0.80 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 12 | 10 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 6.0 | 0.51 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 6.0 | 0.43 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 6.0 | 0.51 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 6.0 | 0.36 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 6.0 | 0.38 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 6.0 | 0.33 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **82** | J | ug/Kg | 120 | 60 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 6.0 | 0.88 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 6.0 | 0.79 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 6.0 | 0.52 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.0 | 0.42 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 6.0 | 0.48 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **10** | J | ug/Kg | 120 | 3.8 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 6.0 | 0.42 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 6.0 | 0.42 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.0 | 0.54 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.0 | 0.50 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 6.0 | 0.39 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.0 | 0.57 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **0.69** | J | ug/Kg | 6.0 | 0.25 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-058 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.67 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 6.0 | 0.60 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 6.0 | 0.65 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 6.0 | 2.3 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.36 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | ND | | ug/Kg | 6.0 | 0.54 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.48 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.0 | 0.68 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.0 | 0.55 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | ND | | ug/Kg | 6.0 | 0.69 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 6.0 | 0.45 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.0 | 0.61 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 6.0 | 0.31 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.57 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | ND | | ug/Kg | 6.0 | 0.52 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | ND | | ug/Kg | 12 | 0.99 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | ND | | ug/Kg | 6.0 | 0.37 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 6.0 | 0.55 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 6.0 | 0.60 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 6.0 | 0.43 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.45 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.0 | 0.87 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 6.0 | 0.45 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.48 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.55 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.61 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.54 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 6.0 | 0.54 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.0 | 0.64 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.56 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.55 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 6.0 | 0.79 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.63 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.0 | 0.76 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.0 | 1.1 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 6.0 | 0.71 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 6.0 | 1.0 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.0 | 0.64 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | ND | | ug/Kg | 6.0 | | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 103% | | %REC | 70-145 | 1.5 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 112% | | %REC | 70-145 | | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 96% | | %REC | 70-145 | | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| 432615-058 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Bromofluorobenzene | 94% | | %REC | 70-145 | 1.8 | 1.2 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-16-2' | Lab ID: 432615-061 | Collected: 08/21/20 15:05 |
|---|---|---|
| | Matrix: Soil | |

| 432615-061 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **13** | | mg/Kg | 3.1 | 1.6 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **8.1** | | mg/Kg | 1.0 | 0.68 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **2,200** | | mg/Kg | 1.0 | 0.11 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.32** | J | mg/Kg | 0.51 | 0.068 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | **15** | | mg/Kg | 0.51 | 0.096 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **2,000** | | mg/Kg | 51 | 4.9 | 51 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **31** | | mg/Kg | 0.51 | 0.088 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **230** | | mg/Kg | 1.0 | 0.43 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **13,000** | | mg/Kg | 51 | 43 | 51 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **91** | | mg/Kg | 1.0 | 0.60 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **36** | | mg/Kg | 1.0 | 0.27 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.1 | 1.8 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | **0.34** | J | mg/Kg | 0.51 | 0.16 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.1 | 1.1 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **31** | | mg/Kg | 1.0 | 0.27 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **1,100** | | mg/Kg | 5.1 | 0.77 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **1.1** | | mg/Kg | 0.13 | 0.037 | 0.95 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 1,000 | 400 | 100 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | **4,900** | | mg/Kg | 1,000 | 400 | 100 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | **13,000** | | mg/Kg | 1,000 | 400 | 100 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 100 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | H | ug/Kg | 1,000 | 60 | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |
| Aroclor-1221 | ND | H | ug/Kg | 1,000 | 280 | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |
| Aroclor-1232 | ND | H | ug/Kg | 1,000 | 190 | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |
| Aroclor-1242 | ND | H | ug/Kg | 1,000 | 280 | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |
| Aroclor-1248 | ND | H | ug/Kg | 1,000 | 380 | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |
| Aroclor-1254 | **22,000** | H | ug/Kg | 1,000 | 400 | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |
| Aroclor-1260 | ND | H | ug/Kg | 1,000 | 140 | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |
| Aroclor-1262 | ND | H | ug/Kg | 1,000 | 340 | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |
| Aroclor-1268 | ND | H | ug/Kg | 1,000 | 170 | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 87% | H | %REC | 19-121 | | 20 | 252650 | 09/14/20 | 09/18/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-061 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.6 | 0.26 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.6 | 0.80 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.6 | 0.25 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.6 | 0.44 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.6 | 0.62 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **13** | | ug/Kg | 9.3 | 8.1 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.6 | 0.40 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.6 | 0.33 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 4.6 | 0.40 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.6 | 0.28 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.6 | 0.30 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.6 | 0.26 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **160** | | ug/Kg | 93 | 46 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.6 | 0.69 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.6 | 0.17 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.6 | 0.61 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 4.6 | 0.41 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.6 | 0.32 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | **0.63** | J | ug/Kg | 4.6 | 0.37 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **21** | J | ug/Kg | 93 | 3.0 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.6 | 0.32 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.6 | 0.32 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.6 | 0.42 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.6 | 0.39 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.6 | 0.31 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.6 | 0.44 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **1.4** | J | ug/Kg | 4.6 | 0.19 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.6 | 0.52 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.6 | 0.46 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 4.6 | 0.51 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.6 | 1.8 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.6 | 0.28 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **11** | | ug/Kg | 4.6 | 0.42 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.6 | 0.37 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.6 | 0.53 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.6 | 0.43 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | **1.9** | J | ug/Kg | 4.6 | 0.54 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.6 | 0.35 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.6 | 0.47 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.6 | 0.24 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-061 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.6 | 0.44 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **48** | | ug/Kg | 4.6 | 0.41 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **37** | | ug/Kg | 9.3 | 0.77 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **20** | | ug/Kg | 4.6 | 0.29 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | **1.2** | J | ug/Kg | 4.6 | 0.43 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.6 | 0.46 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | **4.0** | J | ug/Kg | 4.6 | 0.33 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.6 | 0.35 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.6 | 0.68 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | **5.0** | | ug/Kg | 4.6 | 0.35 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.6 | 0.31 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | **8.4** | | ug/Kg | 4.6 | 0.37 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.6 | 0.43 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.6 | 0.47 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.6 | 0.31 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | **15** | | ug/Kg | 4.6 | 0.42 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | **1.5** | J | ug/Kg | 4.6 | 0.42 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | **2.3** | J | ug/Kg | 4.6 | 0.50 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.6 | 0.44 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.6 | 0.43 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | **2.5** | J | ug/Kg | 4.6 | 0.61 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.6 | 0.59 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.6 | 0.82 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.6 | 0.56 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | **3.4** | J | ug/Kg | 4.6 | 0.80 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.6 | 0.50 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **57** | | ug/Kg | 4.6 | | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 110% | | %REC | 70-145 | 1.2 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 109% | | %REC | 70-145 | | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 94% | | %REC | 70-145 | | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 98% | | %REC | 70-145 | 1.4 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Naphthalene | ND | | ug/Kg | 500 | 200 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 500 | 170 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluorene | **71** | J | ug/Kg | 500 | 65 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Phenanthrene | **350** | J | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Anthracene | ND | | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluoranthene | **320** | J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Pyrene | **360** | J | ug/Kg | 500 | 39 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)anthracene | **150** | J | ug/Kg | 500 | 55 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-061 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | **210** | J | ug/Kg | 500 | 42 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 500 | 70 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(g,h,i)perylene | **70** | J | ug/Kg | 500 | 60 | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 47% | | %REC | 27-125 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Fluorobiphenyl | 42% | | %REC | 30-120 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Terphenyl-d14 | 40% | | %REC | 33-155 | | 50 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-16-5' | Lab ID: 432615-062 | Collected: 08/21/20 15:08 |
|---|---|---|
| | Matrix: Soil | |

| 432615-062 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Lead | **6.3** | | mg/Kg | 0.94 | 0.79 | 0.94 | 253260 | 09/25/20 | 09/27/20 | SBW |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 108% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | H | ug/Kg | 100 | 6.1 | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| Aroclor-1221 | ND | H | ug/Kg | 100 | 29 | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| Aroclor-1232 | ND | H | ug/Kg | 100 | 19 | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| Aroclor-1242 | ND | H | ug/Kg | 100 | 29 | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| Aroclor-1248 | ND | H | ug/Kg | 100 | 39 | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| Aroclor-1254 | ND | H | ug/Kg | 100 | 41 | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| Aroclor-1260 | ND | H | ug/Kg | 100 | 14 | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| Aroclor-1262 | ND | H | ug/Kg | 100 | 35 | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| Aroclor-1268 | ND | H | ug/Kg | 100 | 18 | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 65% | H | %REC | 19-121 | | 2 | 254414 | 10/15/20 | 10/16/20 | KTD |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.7 | 0.26 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.7 | 0.50 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.7 | 0.81 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.7 | 0.25 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.7 | 0.45 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.7 | 0.63 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **8.5** | J | ug/Kg | 9.4 | 8.3 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.7 | 0.41 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.7 | 0.34 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 4.7 | 0.41 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.7 | 0.28 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.7 | 0.30 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.7 | 0.26 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | ND | | ug/Kg | 94 | 47 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.7 | 0.70 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.7 | 0.17 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.7 | 0.62 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-062 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| MTBE | ND | | ug/Kg | 4.7 | 0.42 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.7 | 0.33 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | **0.51** | J | ug/Kg | 4.7 | 0.38 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **7.8** | J | ug/Kg | 94 | 3.0 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | **0.65** | J | ug/Kg | 4.7 | 0.50 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.7 | 0.50 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.7 | 0.33 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.7 | 0.33 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.7 | 0.42 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.7 | 0.40 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.7 | 0.31 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.7 | 0.45 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **9.7** | | ug/Kg | 4.7 | 0.20 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | ND | | ug/Kg | 4.7 | 0.50 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.7 | 0.53 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.7 | 0.47 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 4.7 | 0.52 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.7 | 1.8 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.7 | 0.28 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **9.2** | | ug/Kg | 4.7 | 0.42 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.7 | 0.38 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.7 | 0.54 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.7 | 0.43 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | ND | | ug/Kg | 4.7 | 0.55 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.7 | 0.36 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.7 | 0.48 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.7 | 0.25 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.7 | 0.45 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **2.7** | J | ug/Kg | 4.7 | 0.42 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **4.5** | J | ug/Kg | 9.4 | 0.78 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **1.8** | J | ug/Kg | 4.7 | 0.29 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 4.7 | 0.43 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.7 | 0.47 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 4.7 | 0.34 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.7 | 0.36 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.7 | 0.69 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 4.7 | 0.36 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.7 | 0.32 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | **0.42** | J | ug/Kg | 4.7 | 0.38 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.7 | 0.43 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.7 | 0.48 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.7 | 0.32 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | **0.92** | J | ug/Kg | 4.7 | 0.42 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.7 | 0.42 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.7 | 0.51 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.7 | 0.44 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-062 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.7 | 0.43 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 4.7 | 0.62 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.7 | 0.50 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.7 | 0.60 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.7 | 0.84 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.7 | 0.57 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 4.7 | 0.81 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.7 | 0.51 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **6.3** | J | ug/Kg | 4.7 | | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 104% | | %REC | 70-145 | 1.2 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 113% | | %REC | 70-145 | | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 96% | | %REC | 70-145 | | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 95% | | %REC | 70-145 | 1.4 | 0.94 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-17-2' | Lab ID: 432615-065 | Collected: 08/22/20 08:18 |
|---|---|---|
| | Matrix: Soil | |

| 432615-065 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **1.6** | J | mg/Kg | 2.9 | 1.6 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **4.8** | | mg/Kg | 0.98 | 0.66 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **130** | | mg/Kg | 0.98 | 0.11 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.40** | J | mg/Kg | 0.49 | 0.066 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.49 | 0.092 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **19** | | mg/Kg | 0.98 | 0.094 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **9.7** | | mg/Kg | 0.49 | 0.084 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **35** | | mg/Kg | 0.98 | 0.41 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **11** | | mg/Kg | 0.98 | 0.82 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **5.8** | | mg/Kg | 0.98 | 0.58 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **16** | | mg/Kg | 0.98 | 0.25 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.9 | 1.8 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.49 | 0.16 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 2.9 | 1.1 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **38** | | mg/Kg | 0.98 | 0.25 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **58** | | mg/Kg | 4.9 | 0.74 | 0.98 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.047** | J | mg/Kg | 0.13 | 0.037 | 0.94 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | **5.5** | J | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 108% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 500 | 30 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 500 | 140 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 500 | 95 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 500 | 140 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 500 | 190 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 500 | 200 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 500 | 69 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 500 | 170 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 500 | 86 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 72% | | %REC | 19-121 | | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-065 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.1 | 0.23 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.1 | 0.43 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.1 | 0.70 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.1 | 0.22 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.1 | 0.39 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.1 | 0.55 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **48** | | ug/Kg | 8.2 | 7.2 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.1 | 0.35 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.1 | 0.30 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | **1.1** | J | ug/Kg | 4.1 | 0.35 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.1 | 0.25 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.1 | 0.26 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.1 | 0.23 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | **500** | | ug/Kg | 250 | 130 | 2.5 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Freon 113 | ND | | ug/Kg | 4.1 | 0.61 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.1 | 0.54 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | **8.9** | | ug/Kg | 4.1 | 0.36 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.1 | 0.29 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | **34** | | ug/Kg | 4.1 | 0.33 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **72** | J | ug/Kg | 82 | 2.6 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | **5.0** | | ug/Kg | 4.1 | 0.43 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.1 | 0.43 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.1 | 0.29 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.1 | 0.29 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.1 | 0.37 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.1 | 0.34 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.1 | 0.27 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.1 | 0.39 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Benzene | **1.3** | J | ug/Kg | 4.1 | 0.17 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | **13** | | ug/Kg | 4.1 | 0.43 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.1 | 0.46 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.1 | 0.41 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 4.1 | 0.45 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | **16** | | ug/Kg | 4.1 | 1.6 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.1 | 0.25 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **43** | | ug/Kg | 4.1 | 0.37 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.1 | 0.33 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.1 | 0.47 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.1 | 0.38 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | **3.3** | J | ug/Kg | 4.1 | 0.48 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.1 | 0.31 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.1 | 0.42 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | **0.56** | J | ug/Kg | 4.1 | 0.21 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-065 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.1 | 0.39 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **120** | | ug/Kg | 4.1 | 0.36 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **69** | | ug/Kg | 8.2 | 0.68 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **30** | | ug/Kg | 4.1 | 0.25 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 4.1 | 0.38 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.1 | 0.41 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | **2.1** | J | ug/Kg | 4.1 | 0.30 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.1 | 0.31 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.1 | 0.60 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | **4.0** | J | ug/Kg | 4.1 | 0.31 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.1 | 0.28 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | **12** | | ug/Kg | 4.1 | 0.33 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.1 | 0.38 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.1 | 0.42 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.1 | 0.28 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | **31** | | ug/Kg | 4.1 | 0.37 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.1 | 0.37 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | **2.1** | J | ug/Kg | 4.1 | 0.44 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | **0.70** | J | ug/Kg | 4.1 | 0.39 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | **1.7** | J | ug/Kg | 4.1 | 0.38 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | **2.4** | J | ug/Kg | 4.1 | 0.54 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | **5.6** | | ug/Kg | 4.1 | 0.43 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.1 | 0.52 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | **5.2** | | ug/Kg | 4.1 | 0.73 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.1 | 0.49 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | **3.6** | J | ug/Kg | 4.1 | 0.70 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.1 | 0.44 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **99** | | ug/Kg | 4.1 | | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | 1.1 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 107% | | %REC | 70-145 | | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene-d8 | 98% | | %REC | 70-145 | | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 95% | | %REC | 70-145 | 1.2 | 0.82 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 10 | 3.7 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 10 | 3.8 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Naphthalene | ND | | ug/Kg | 10 | 4.0 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Fluorene | ND | | ug/Kg | 10 | 1.3 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Phenanthrene | **1.8** | B,J | ug/Kg | 10 | 1.4 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Fluoranthene | ND | | ug/Kg | 10 | 0.84 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Pyrene | **0.82** | B,J | ug/Kg | 10 | 0.78 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 10 | 1.1 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-065 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | ND | | ug/Kg | 10 | 0.83 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 10 | 1.8 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 10 | 1.8 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 10 | 1.4 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 10 | 1.2 | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 54% | | %REC | 27-125 | | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| 2-Fluorobiphenyl | 42% | | %REC | 30-120 | | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |
| Terphenyl-d14 | 54% | | %REC | 33-155 | | 1 | 251938 | 09/01/20 | 09/01/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-17-5' | Lab ID: 432615-066 | Collected: 08/22/20 08:24 |
|---|---|---|
| | Matrix: Soil | |

| 432615-066 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Lead | **9.5** | | mg/Kg | 0.99 | 0.83 | 0.99 | 252543 | 09/11/20 | 09/11/20 | KLN |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | **8.2** | J | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | **50** | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | **130** | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 99% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.3 | 0.29 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.3 | 0.71 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| tert-Butyl Alcohol (TBA) | **83** | | ug/Kg | 11 | 9.4 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Vinyl Chloride | **0.54** | J | ug/Kg | 5.3 | 0.46 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloroethane | **0.81** | J | ug/Kg | 5.3 | 0.34 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Acetone | **150** | | ug/Kg | 110 | 53 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.3 | 0.79 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.3 | 0.19 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.3 | 0.70 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| MTBE | **15** | | ug/Kg | 5.3 | 0.47 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloroethane | **4.3** | J | ug/Kg | 5.3 | 0.43 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2-Butanone | **19** | J | ug/Kg | 110 | 3.4 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,2-Dichloroethene | **1.1** | J | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.3 | 0.45 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.3 | 0.35 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Benzene | **9.9** | | ug/Kg | 5.3 | 0.22 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-066 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | **1.0** | J | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.60 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 5.3 | 0.59 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 4-Methyl-2-Pentanone | **2.6** | J | ug/Kg | 5.3 | 2.0 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Toluene | **14** | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.3 | 0.61 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 5.3 | 0.62 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chlorobenzene | **0.49** | J | ug/Kg | 5.3 | 0.28 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Ethylbenzene | **53** | | ug/Kg | 5.3 | 0.47 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| m,p-Xylenes | **31** | | ug/Kg | 11 | 0.88 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| o-Xylene | **9.0** | | ug/Kg | 5.3 | 0.33 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Isopropylbenzene | **0.76** | J | ug/Kg | 5.3 | 0.38 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.3 | 0.78 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Propylbenzene | **1.0** | J | ug/Kg | 5.3 | 0.40 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3,5-Trimethylbenzene | **3.3** | J | ug/Kg | 5.3 | 0.43 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,4-Trimethylbenzene | **8.5** | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| para-Isopropyl Toluene | **0.62** | J | ug/Kg | 5.3 | 0.57 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.50 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,4-Dichlorobenzene | **1.2** | J | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| n-Butylbenzene | **0.78** | J | ug/Kg | 5.3 | 0.70 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichlorobenzene | **0.58** | J | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.3 | 0.68 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,4-Trichlorobenzene | **2.4** | J | ug/Kg | 5.3 | 0.95 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.3 | 0.64 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Naphthalene | **1.4** | J | ug/Kg | 5.3 | 0.91 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Xylene (total) | **40** | | ug/Kg | 5.3 | | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | 1.4 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloroethane-d4 | 108% | | %REC | 70-145 | | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Toluene-d8 | 98% | | %REC | 70-145 | | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| 432615-066 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Bromofluorobenzene | 94% | | %REC | 70-145 | 1.6 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-18-2' | Lab ID: 432615-069 | Collected: 08/22/20 08:50 |
|---|---|---|
| | Matrix: Soil | |

| 432615-069 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 3.0 | 1.6 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **1.6** | | mg/Kg | 1.0 | 0.67 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **29** | | mg/Kg | 1.0 | 0.11 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.19** | J | mg/Kg | 0.50 | 0.067 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.50 | 0.094 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **6.6** | | mg/Kg | 1.0 | 0.096 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **3.8** | | mg/Kg | 0.50 | 0.086 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **8.9** | | mg/Kg | 1.0 | 0.42 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **4.5** | | mg/Kg | 1.0 | 0.84 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 1.0 | 0.59 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **5.0** | | mg/Kg | 1.0 | 0.26 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.50 | 0.16 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **19** | | mg/Kg | 1.0 | 0.26 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **24** | | mg/Kg | 5.0 | 0.75 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.076** | J | mg/Kg | 0.13 | 0.035 | 0.9 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | **5.3** | J | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | **17** | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 103% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.3 | 0.29 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.3 | 0.71 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.4 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Vinyl Chloride | **0.51** | J | ug/Kg | 5.3 | 0.46 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.3 | 0.34 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-069 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Acetone | **110** | J | ug/Kg | 110 | 53 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Freon 113 | **4.6** | J | ug/Kg | 5.3 | 0.79 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.3 | 0.19 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.3 | 0.70 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.3 | 0.47 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,2-Dichloroethene | **1.6** | J | ug/Kg | 5.3 | 0.37 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloroethane | **15** | | ug/Kg | 5.3 | 0.43 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2-Butanone | **17** | J | ug/Kg | 110 | 3.4 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,2-Dichloroethene | **48** | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.3 | 0.45 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.3 | 0.35 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Benzene | **7.6** | | ug/Kg | 5.3 | 0.22 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Trichloroethene | **130** | | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloropropane | **1.5** | J | ug/Kg | 5.3 | 0.60 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 5.3 | 0.59 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.3 | 2.0 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Toluene | **5.7** | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.3 | 0.61 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Tetrachloroethene | **63** | | ug/Kg | 5.3 | 0.62 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.3 | 0.28 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Ethylbenzene | **1.2** | J | ug/Kg | 5.3 | 0.47 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| m,p-Xylenes | **1.6** | J | ug/Kg | 11 | 0.88 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| o-Xylene | **0.79** | J | ug/Kg | 5.3 | 0.33 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.3 | 0.78 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| 432615-069 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.52** | J | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.50 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.3 | 0.70 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichlorobenzene | **0.63** | J | ug/Kg | 5.3 | 0.56 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.3 | 0.68 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.95 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.3 | 0.64 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Xylene (total) | **2.4** | J | ug/Kg | 5.3 | | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | 1.4 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloroethane-d4 | 109% | | %REC | 70-145 | | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Toluene-d8 | 98% | | %REC | 70-145 | | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromofluorobenzene | 93% | | %REC | 70-145 | 1.6 | 1.1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 20 | 7.4 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 20 | 7.6 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Naphthalene | ND | | ug/Kg | 20 | 8.0 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 20 | 6.6 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 20 | 2.8 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Fluorene | ND | | ug/Kg | 20 | 2.6 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Phenanthrene | **3.0** | B,J | ug/Kg | 20 | 2.8 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Anthracene | ND | | ug/Kg | 20 | 2.4 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Fluoranthene | **2.3** | B,J | ug/Kg | 20 | 1.7 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Pyrene | **2.5** | B,J | ug/Kg | 20 | 1.6 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(a)anthracene | **2.3** | J | ug/Kg | 20 | 2.2 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Chrysene | **2.4** | B,J | ug/Kg | 20 | 1.7 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 20 | 3.4 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 20 | 3.4 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 20 | 3.6 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 20 | 3.6 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 20 | 2.8 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 20 | 2.4 | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 89% | | %REC | 27-125 | | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| 2-Fluorobiphenyl | 91% | | %REC | 30-120 | | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |
| Terphenyl-d14 | 88% | | %REC | 33-155 | | 2 | 251938 | 08/31/20 | 09/01/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-18-5' | Lab ID: 432615-070 | Collected: 08/22/20 08:55 |
|---|---|---|
| | Matrix: Soil | |

| 432615-070 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| TPH (C23-C44) | **6.7** | J | mg/Kg | 10 | 4.0 | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 105% | | %REC | 70-130 | | 1 | 251720 | 08/26/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.28 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.53 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.86 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.27 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.48 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.67 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.43 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.36 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Vinyl Chloride | **0.94** | J | ug/Kg | 5.0 | 0.43 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.30 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.32 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.28 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Acetone | ND | | ug/Kg | 100 | 50 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.74 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.66 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.0 | 0.44 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.35 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloroethane | **6.1** | | ug/Kg | 5.0 | 0.40 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2-Butanone | **5.8** | J | ug/Kg | 100 | 3.2 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,2-Dichloroethene | **22** | | ug/Kg | 5.0 | 0.53 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.53 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.0 | 0.35 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.35 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.45 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.42 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.33 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.48 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Benzene | **4.6** | J | ug/Kg | 5.0 | 0.21 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Trichloroethene | **15** | | ug/Kg | 5.0 | 0.53 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloropropane | **0.95** | J | ug/Kg | 5.0 | 0.56 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.50 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-070 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.55 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 1.9 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.30 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Toluene | **3.3** | J | ug/Kg | 5.0 | 0.45 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.40 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.57 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.46 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Tetrachloroethene | **4.1** | J | ug/Kg | 5.0 | 0.58 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.38 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.51 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.26 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.48 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Ethylbenzene | **0.64** | J | ug/Kg | 5.0 | 0.44 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.83 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| o-Xylene | **0.33** | J | ug/Kg | 5.0 | 0.31 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.0 | 0.46 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.0 | 0.50 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.36 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.38 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.73 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.38 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.34 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.40 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.46 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.51 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.34 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.54 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.47 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.46 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.66 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.53 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.64 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.89 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.60 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.86 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.54 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Xylene (total) | **0.33** | J | ug/Kg | 5.0 | | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 97% | | %REC | 70-145 | 1.3 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloroethane-d4 | 107% | | %REC | 70-145 | | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Toluene-d8 | 98% | | %REC | 70-145 | | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromofluorobenzene | 91% | | %REC | 70-145 | 1.5 | 1 | 251658 | 08/26/20 | 08/26/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-19-2' | Lab ID: 432615-073 | Collected: 08/21/20 14:56 |
|---|---|---|
| | Matrix: Soil | |

| 432615-073 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **79** | | mg/Kg | 2.8 | 1.5 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **21** | | mg/Kg | 0.94 | 0.63 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **840** | | mg/Kg | 0.94 | 0.10 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.28** | J | mg/Kg | 0.47 | 0.063 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | **4.0** | | mg/Kg | 0.47 | 0.089 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **5,100** | | mg/Kg | 47 | 4.5 | 47 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **35** | | mg/Kg | 0.47 | 0.081 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **920** | | mg/Kg | 0.94 | 0.40 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **26,000** | | mg/Kg | 47 | 40 | 47 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **480** | | mg/Kg | 0.94 | 0.56 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **120** | | mg/Kg | 0.94 | 0.25 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.8 | 1.7 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.47 | 0.15 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | **1.6** | J | mg/Kg | 2.8 | 1.0 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **12** | | mg/Kg | 0.94 | 0.25 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **830** | | mg/Kg | 4.7 | 0.71 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **2.3** | | mg/Kg | 0.28 | 0.078 | 2 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | **9.4** | J | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | **58** | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | **98** | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 111% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 7.8 | 0.44 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 7.8 | 0.83 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 7.8 | 1.3 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 7.8 | 0.42 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 7.8 | 0.75 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 7.8 | 1.0 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| tert-Butyl Alcohol (TBA) | **18** | | ug/Kg | 16 | 14 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 7.8 | 0.67 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 7.8 | 0.56 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Vinyl Chloride | **30** | | ug/Kg | 7.8 | 0.67 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 7.8 | 0.47 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 7.8 | 0.50 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-073 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 7.8 | 0.44 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Acetone | **210** | | ug/Kg | 160 | 78 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 7.8 | 1.2 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloroethene | **3.0** | J | ug/Kg | 7.8 | 0.28 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 7.8 | 1.0 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| MTBE | ND | | ug/Kg | 7.8 | 0.69 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,2-Dichloroethene | **0.82** | J | ug/Kg | 7.8 | 0.55 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloroethane | **21** | | ug/Kg | 7.8 | 0.63 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2-Butanone | **17** | J | ug/Kg | 160 | 5.0 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,2-Dichloroethene | **8.6** | | ug/Kg | 7.8 | 0.83 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 7.8 | 0.83 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chloroform | ND | | ug/Kg | 7.8 | 0.55 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 7.8 | 0.55 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 7.8 | 0.70 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 7.8 | 0.66 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 7.8 | 0.52 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloroethane | **0.96** | J | ug/Kg | 7.8 | 0.75 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Benzene | **21** | | ug/Kg | 7.8 | 0.33 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Trichloroethene | **3.0** | J | ug/Kg | 7.8 | 0.83 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 7.8 | 0.88 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 7.8 | 0.78 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 7.8 | 0.86 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 4-Methyl-2-Pentanone | **4.4** | J | ug/Kg | 7.8 | 3.0 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 7.8 | 0.47 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Toluene | **65** | | ug/Kg | 7.8 | 0.70 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 7.8 | 0.63 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 7.8 | 0.89 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 7.8 | 0.72 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Tetrachloroethene | **1.1** | J | ug/Kg | 7.8 | 0.91 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 7.8 | 0.59 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 7.8 | 0.80 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 7.8 | 0.41 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 7.8 | 0.75 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Ethylbenzene | **23** | | ug/Kg | 7.8 | 0.69 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| m,p-Xylenes | **57** | | ug/Kg | 16 | 1.3 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| o-Xylene | **27** | | ug/Kg | 7.8 | 0.48 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Styrene | ND | | ug/Kg | 7.8 | 0.72 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromoform | ND | | ug/Kg | 7.8 | 0.78 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Isopropylbenzene | **1.9** | J | ug/Kg | 7.8 | 0.56 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 7.8 | 0.59 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 7.8 | 1.1 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Propylbenzene | **1.7** | J | ug/Kg | 7.8 | 0.59 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 7.8 | 0.53 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3,5-Trimethylbenzene | **4.0** | J | ug/Kg | 7.8 | 0.63 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 7.8 | 0.72 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 7.8 | 0.80 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-073 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 7.8 | 0.53 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,4-Trimethylbenzene | **8.3** | | ug/Kg | 7.8 | 0.70 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 7.8 | 0.70 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| para-Isopropyl Toluene | **1.0** | J | ug/Kg | 7.8 | 0.84 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 7.8 | 0.73 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 7.8 | 0.72 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| n-Butylbenzene | **1.7** | J | ug/Kg | 7.8 | 1.0 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 7.8 | 0.83 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 7.8 | 1.0 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 7.8 | 1.4 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 7.8 | 0.94 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 7.8 | 1.3 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 7.8 | 0.84 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Xylene (total) | **83** | | ug/Kg | 7.8 | | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | 2.0 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| 1,2-Dichloroethane-d4 | 106% | | %REC | 70-145 | | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Toluene-d8 | 99% | | %REC | 70-145 | | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Bromofluorobenzene | 95% | | %REC | 70-145 | 2.3 | 1.6 | 251658 | 08/26/20 | 08/26/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 1,000 | 370 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 1,000 | 380 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Naphthalene | ND | | ug/Kg | 1,000 | 400 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 1,000 | 330 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 1,000 | 140 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluorene | ND | | ug/Kg | 1,000 | 130 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Phenanthrene | **290** | J | ug/Kg | 1,000 | 140 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Anthracene | ND | | ug/Kg | 1,000 | 120 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluoranthene | **210** | B,J | ug/Kg | 1,000 | 84 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Pyrene | **190** | B,J | ug/Kg | 1,000 | 78 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 1,000 | 110 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Chrysene | **150** | J | ug/Kg | 1,000 | 83 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(b)fluoranthene | **170** | J | ug/Kg | 1,000 | 170 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 1,000 | 170 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 1,000 | 140 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(g,h,i)perylene | **140** | J | ug/Kg | 1,000 | 120 | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 76% | | %REC | 27-125 | | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Fluorobiphenyl | 70% | | %REC | 30-120 | | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Terphenyl-d14 | 76% | | %REC | 33-155 | | 100 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-19-5' | Lab ID: 432615-074 | Collected: 08/21/20 15:00 |
|---|---|---|
| | Matrix: Soil | |

| 432615-074 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Arsenic | **8.1** | | mg/Kg | 0.95 | 0.64 | 0.95 | 252610 | 09/14/20 | 09/15/20 | SBW |
| Lead | **4.7** | | mg/Kg | 0.95 | 0.80 | 0.95 | 252610 | 09/14/20 | 09/15/20 | SBW |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 112% | | %REC | 70-130 | | 1 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.6 | 0.26 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.6 | 0.80 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.6 | 0.25 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.6 | 0.44 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.6 | 0.62 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **9.8** | | ug/Kg | 9.3 | 8.1 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.6 | 0.40 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.6 | 0.33 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 4.6 | 0.40 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.6 | 0.28 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.6 | 0.30 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.6 | 0.26 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Acetone | ND | | ug/Kg | 93 | 46 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.6 | 0.69 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.6 | 0.17 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Methylene Chloride | ND | | ug/Kg | 4.6 | 0.61 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| MTBE | ND | | ug/Kg | 4.6 | 0.41 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.6 | 0.32 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.6 | 0.37 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Butanone | **5.0** | J | ug/Kg | 93 | 3.0 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.6 | 0.32 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.6 | 0.32 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.6 | 0.42 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.6 | 0.39 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.6 | 0.31 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.6 | 0.44 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-074 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | **3.3** | J | ug/Kg | 4.6 | 0.19 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Trichloroethene | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.6 | 0.52 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.6 | 0.46 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 4.6 | 0.51 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.6 | 1.8 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.6 | 0.28 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Toluene | **6.2** | | ug/Kg | 4.6 | 0.42 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.6 | 0.37 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.6 | 0.53 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.6 | 0.43 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Tetrachloroethene | ND | | ug/Kg | 4.6 | 0.54 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.6 | 0.35 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.6 | 0.47 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.6 | 0.24 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.6 | 0.44 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Ethylbenzene | **1.5** | J | ug/Kg | 4.6 | 0.41 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| m,p-Xylenes | **3.0** | J | ug/Kg | 9.3 | 0.77 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| o-Xylene | **1.1** | J | ug/Kg | 4.6 | 0.29 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Styrene | ND | | ug/Kg | 4.6 | 0.43 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.6 | 0.46 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 4.6 | 0.33 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.6 | 0.35 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.6 | 0.68 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 4.6 | 0.35 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.6 | 0.31 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.6 | 0.37 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.6 | 0.43 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.6 | 0.47 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.6 | 0.31 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.6 | 0.42 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.6 | 0.42 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.6 | 0.50 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.6 | 0.44 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.6 | 0.43 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 4.6 | 0.61 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.6 | 0.49 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.6 | 0.59 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.6 | 0.82 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.6 | 0.56 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 4.6 | 0.80 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.6 | 0.50 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Xylene (total) | **4.1** | J | ug/Kg | 4.6 | | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | 1.2 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 108% | | %REC | 70-145 | | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| 432615-074 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Toluene-d8 | 99% | | %REC | 70-145 | | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |
| Bromofluorobenzene | 91% | | %REC | 70-145 | 1.4 | 0.93 | 251658 | 08/26/20 | 08/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-20-2' | Lab ID: 432615-077 | Collected: 08/21/20 09:10 |
|---|---|---|
| | Matrix: Soil | |

| 432615-077 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **6.9** | | mg/Kg | 3.1 | 1.6 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **3.2** | | mg/Kg | 1.0 | 0.68 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **400** | | mg/Kg | 1.0 | 0.11 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.20** | J | mg/Kg | 0.51 | 0.068 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | **0.13** | J | mg/Kg | 0.51 | 0.096 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **28** | | mg/Kg | 1.0 | 0.098 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **6.5** | | mg/Kg | 0.51 | 0.088 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **23** | | mg/Kg | 1.0 | 0.43 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **520** | | mg/Kg | 1.0 | 0.86 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | **5.0** | | mg/Kg | 1.0 | 0.60 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **8.6** | | mg/Kg | 1.0 | 0.27 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 3.1 | 1.8 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.51 | 0.16 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 3.1 | 1.1 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **25** | | mg/Kg | 1.0 | 0.27 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **74** | | mg/Kg | 5.1 | 0.77 | 1 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.081** | J | mg/Kg | 0.14 | 0.039 | 1 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | **150** | | mg/Kg | 100 | 40 | 10 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C13-C22) | **510** | | mg/Kg | 100 | 40 | 10 | 251698 | 08/26/20 | 09/01/20 | MES |
| TPH (C23-C44) | **960** | | mg/Kg | 100 | 40 | 10 | 251698 | 08/26/20 | 09/01/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 10 | 251698 | 08/26/20 | 09/01/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 500 | 30 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 500 | 140 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 500 | 95 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 500 | 140 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 500 | 190 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 500 | 200 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 500 | 69 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 500 | 170 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 500 | 86 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 77% | | %REC | 19-121 | | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-077 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.1 | 0.11 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.1 | 0.34 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | **19** | | ug/Kg | 8.2 | 7.2 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.1 | 0.19 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | **10** | | ug/Kg | 4.1 | 0.11 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | **2.5** | J | ug/Kg | 4.1 | 0.18 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | **0.32** | J | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.1 | 0.19 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 100 | 50 | 1 | 252015 | 09/02/20 | 09/02/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.1 | 0.61 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.1 | 0.14 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | **0.43** | J | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | **3.1** | J | ug/Kg | 4.1 | 0.19 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **23** | J | ug/Kg | 82 | 0.59 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | **1.2** | J | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.1 | 0.14 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.1 | 0.12 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.1 | 0.11 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **4.4** | | ug/Kg | 4.1 | 0.15 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | **1.5** | J | ug/Kg | 4.1 | 0.19 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.1 | 0.28 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.1 | 0.14 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **55** | | ug/Kg | 4.1 | 0.14 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.1 | 0.18 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **0.30** | J | ug/Kg | 4.1 | 0.19 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.1 | 0.098 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | **0.23** | J | ug/Kg | 4.1 | 0.15 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-077 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.1 | 0.20 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **40** | | ug/Kg | 4.1 | 0.19 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **45** | | ug/Kg | 8.2 | 0.31 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **16** | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.1 | 0.11 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | **6.3** | | ug/Kg | 4.1 | 0.20 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.1 | 0.24 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | **11** | | ug/Kg | 4.1 | 0.18 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.1 | 0.25 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | **30** | | ug/Kg | 4.1 | 0.19 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.1 | 0.20 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.1 | 0.18 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | **1.0** | J | ug/Kg | 4.1 | 0.28 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **100** | | ug/Kg | 4.1 | 0.23 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | **11** | | ug/Kg | 4.1 | 0.23 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | **20** | | ug/Kg | 4.1 | 0.22 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.1 | 0.17 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.1 | 0.20 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | **15** | | ug/Kg | 4.1 | 0.20 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.1 | 0.16 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.1 | 0.27 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.1 | 0.34 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | **5.8** | | ug/Kg | 4.1 | 0.13 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **60** | | ug/Kg | 4.1 | | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 103% | | %REC | 70-145 | | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 103% | | %REC | 70-145 | | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 112% | | %REC | 70-145 | | 0.82 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | **32** | | ug/Kg | 10 | 3.7 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Methylnaphthalene | **52** | | ug/Kg | 10 | 3.8 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Naphthalene | **20** | | ug/Kg | 10 | 4.0 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluorene | ND | | ug/Kg | 10 | 1.3 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Phenanthrene | **2.5** | J | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluoranthene | **2.6** | B,J | ug/Kg | 10 | 0.84 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Pyrene | **2.3** | B,J | ug/Kg | 10 | 0.78 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 10 | 1.1 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-077 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | **4.4** | J | ug/Kg | 10 | 0.83 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 36% | | %REC | 27-125 | | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Fluorobiphenyl | 34% | | %REC | 30-120 | | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Terphenyl-d14 | 32% | * | %REC | 33-155 | | 1 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-20-5' | Lab ID: 432615-078 | Collected: 08/21/20 09:13 |
|---|---|---|
| | Matrix: Soil | |

| 432615-078 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Lead | **7.8** | | mg/Kg | 0.96 | 0.81 | 0.96 | 252610 | 09/14/20 | 09/15/20 | SBW |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 118% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.14 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.42 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | **18** | | ug/Kg | 10 | 8.8 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.14 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | **58** | J,b | ug/Kg | 100 | 50 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.74 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.0 | 0.17 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **7.3** | J | ug/Kg | 100 | 0.72 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.0 | 0.17 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.15 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.14 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **1.1** | J | ug/Kg | 5.0 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-078 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.34 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 0.17 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **0.66** | J | ug/Kg | 5.0 | 0.17 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.12 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.24 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.38 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.0 | 0.13 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.0 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.25 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.29 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.30 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | **0.58** | J | ug/Kg | 5.0 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.25 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.34 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **1.5** | J | ug/Kg | 5.0 | 0.28 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | **0.44** | J | ug/Kg | 5.0 | 0.28 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.27 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.24 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | **0.71** | J | ug/Kg | 5.0 | 0.25 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.33 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.42 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | **2.1** | J | ug/Kg | 5.0 | 0.16 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 97% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 99% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| 432615-078 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Bromofluorobenzene | 102% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-21-2' | Lab ID: 432615-081 | Collected: 08/21/20 08:30 |
|---|---|---|
| | Matrix: Soil | |

| 432615-081 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 2.9 | 1.5 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **5.0** | | mg/Kg | 0.96 | 0.64 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **110** | | mg/Kg | 0.96 | 0.11 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.38** | J | mg/Kg | 0.48 | 0.064 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.48 | 0.090 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **18** | | mg/Kg | 0.96 | 0.092 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **8.3** | | mg/Kg | 0.48 | 0.083 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **18** | | mg/Kg | 0.96 | 0.40 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **5.9** | | mg/Kg | 0.96 | 0.81 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.96 | 0.57 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **14** | | mg/Kg | 0.96 | 0.25 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.9 | 1.7 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.48 | 0.15 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 2.9 | 1.1 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **36** | | mg/Kg | 0.96 | 0.25 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **43** | | mg/Kg | 4.8 | 0.72 | 0.96 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | ND | | mg/Kg | 0.14 | 0.038 | 0.98 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C13-C22) | **35** | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C23-C44) | **51** | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 112% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5030B | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.1 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.4 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | **10** | | ug/Kg | 10 | 8.8 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.1 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-081 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | **180** | | ug/Kg | 100 | 50 | 1 | 252015 | 09/02/20 | 09/02/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.7 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | **1.7** | J | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **42** | J | ug/Kg | 100 | 0.7 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.1 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | **46** | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **0.7** | J | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.1 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **0.9** | J | ug/Kg | 10 | 0.4 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **0.7** | J | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.0 | 0.1 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-081 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.8** | J | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.4 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | **1.0** | B,J | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **1.6** | J | ug/Kg | 5.0 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 96% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 20 | 7.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 20 | 7.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Naphthalene | ND | | ug/Kg | 20 | 8.0 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 20 | 6.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluorene | ND | | ug/Kg | 20 | 2.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Phenanthrene | **4.2** | B,J | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Anthracene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluoranthene | **3.3** | B,J | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Pyrene | **4.6** | B,J | ug/Kg | 20 | 1.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 20 | 2.2 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Chrysene | **1.8** | B,J | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(k)fluoranthene | **12** | B,J | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)pyrene | **13** | B,J,b | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 98% | | %REC | 27-125 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Fluorobiphenyl | 78% | | %REC | 30-120 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Terphenyl-d14 | 89% | | %REC | 33-155 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-21-5' | Lab ID: 432615-082 | Collected: 08/21/20 08:35 |
|---|---|---|
| | Matrix: Soil | |

| 432615-082 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | **240** | | mg/Kg | 200 | 80 | 20 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C13-C22) | **1,500** | | mg/Kg | 200 | 80 | 20 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C23-C44) | **1,700** | | mg/Kg | 200 | 80 | 20 | 251778 | 08/27/20 | 08/31/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 20 | 251778 | 08/27/20 | 08/31/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5030B | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 1,000 | 72 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 1,000 | 130 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 1,000 | 94 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 1,000 | 40 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 1,000 | 46 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 1,000 | 38 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 2,000 | 1,000 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 1,000 | 66 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 1,000 | 54 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 1,000 | 36 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 1,000 | 140 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 1,000 | 90 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 1,000 | 50 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 20,000 | 10,000 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 1,000 | 70 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 1,000 | 60 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 2,500 | 80 | 500 | 252015 | 09/02/20 | 09/02/20 | LYZ |
| MTBE | ND | | ug/Kg | 1,000 | 38 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 1,000 | 66 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 1,000 | 64 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **380** | J | ug/Kg | 20,000 | 160 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | **110** | J | ug/Kg | 1,000 | 54 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 1,000 | 64 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 1,000 | 36 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 1,000 | 34 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 1,000 | 76 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 1,000 | 50 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 1,000 | 54 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 1,000 | 40 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **110** | J | ug/Kg | 1,000 | 36 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | **1,200** | | ug/Kg | 1,000 | 78 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 1,000 | 72 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 1,000 | 62 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-082 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 1,000 | 86 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 1,000 | 24 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 1,000 | 50 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **49,000** | | ug/Kg | 2,500 | 120 | 500 | 252015 | 09/02/20 | 09/02/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 1,000 | 46 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 1,000 | 50 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 1,000 | 38 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **4,100** | | ug/Kg | 1,000 | 36 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 1,000 | 42 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 1,000 | 38 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 1,000 | 38 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 1,000 | 50 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **12,000** | | ug/Kg | 1,000 | 42 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **52,000** | | ug/Kg | 2,000 | 90 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **24,000** | | ug/Kg | 1,000 | 58 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 1,000 | 44 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 1,000 | 40 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | **1,200** | | ug/Kg | 1,000 | 48 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 1,000 | 50 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 1,000 | 32 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | **1,900** | | ug/Kg | 1,000 | 62 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 1,000 | 110 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | **3,500** | | ug/Kg | 1,000 | 48 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 1,000 | 66 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 1,000 | 62 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 1,000 | 80 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **13,000** | | ug/Kg | 1,000 | 56 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 1,000 | 64 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | **410** | J | ug/Kg | 1,000 | 64 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 1,000 | 68 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 1,000 | 86 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | **800** | J | ug/Kg | 1,000 | 50 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 1,000 | 52 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 1,000 | 24 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 1,000 | 54 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 1,000 | 100 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | **730** | J | ug/Kg | 1,000 | 50 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 1,000 | 56 | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **75,000** | | ug/Kg | 1,000 | | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 94% | | %REC | 70-145 | | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 91% | | %REC | 70-145 | | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 102% | | %REC | 70-145 | | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 101% | | %REC | 70-145 | | 200 | 251834 | 08/29/20 | 08/29/20 | LYZ |

Method: EPA 8270C-SIM
Prep Method: EPA 3550C



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-082 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | **130** | | ug/Kg | 40 | 15 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Methylnaphthalene | **230** | | ug/Kg | 40 | 15 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Naphthalene | **370** | | ug/Kg | 40 | 16 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 40 | 13 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 40 | 5.6 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluorene | **35** | J | ug/Kg | 40 | 5.2 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Phenanthrene | **160** | | ug/Kg | 40 | 5.6 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Anthracene | ND | | ug/Kg | 40 | 4.8 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Fluoranthene | **40** | B | ug/Kg | 40 | 3.4 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Pyrene | **65** | B | ug/Kg | 40 | 3.1 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)anthracene | **33** | J | ug/Kg | 40 | 4.4 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Chrysene | **78** | | ug/Kg | 40 | 3.3 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 40 | 6.8 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 40 | 6.8 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 40 | 7.2 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 40 | 7.2 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 40 | 5.6 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 40 | 4.8 | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 107% | | %REC | 27-125 | | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| 2-Fluorobiphenyl | 75% | | %REC | 30-120 | | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |
| Terphenyl-d14 | 78% | | %REC | 33-155 | | 4 | 251614 | 08/25/20 | 08/31/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-21-10' | Lab ID: 432615-083 | Collected: 08/21/20 08:39 |
|---|---|---|
| | Matrix: Soil | |

| 432615-083 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C13-C22) | **9.7** | J | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C23-C44) | **6.5** | J | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 122% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | **19** | | ug/Kg | 9.6 | 8.5 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | **1.2** | J | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | **57** | J | ug/Kg | 100 | 50 | 1 | 252015 | 09/02/20 | 09/02/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.8 | 0.71 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | **0.36** | J | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | **3.2** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **17** | J | ug/Kg | 96 | 0.69 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | **0.38** | J | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | **0.21** | J | ug/Kg | 4.8 | 0.14 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **2.6** | J | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | **0.30** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-083 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **5.8** | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **0.30** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.8 | 0.12 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **3.4** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **8.5** | J | ug/Kg | 9.6 | 0.37 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **5.1** | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.28 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | **0.25** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | **1.7** | J | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **1.0** | J | ug/Kg | 4.8 | 0.27 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.8 | 0.26 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.32 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | **0.49** | B,J | ug/Kg | 4.8 | 0.15 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **14** | | ug/Kg | 4.8 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 96% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 100% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 102% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-22-2' | Lab ID: 432615-085 | Collected: 08/21/20 11:56 |
|---|---|---|
| | Matrix: Soil | |

| 432615-085 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 2.8 | 1.5 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Arsenic | **3.3** | | mg/Kg | 0.94 | 0.63 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Barium | **110** | | mg/Kg | 0.94 | 0.10 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Beryllium | **0.19** | J | mg/Kg | 0.47 | 0.063 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cadmium | **0.19** | J | mg/Kg | 0.47 | 0.089 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Chromium | **13** | | mg/Kg | 0.94 | 0.091 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Cobalt | **6.1** | | mg/Kg | 0.47 | 0.081 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Copper | **18** | | mg/Kg | 0.94 | 0.40 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Lead | **50** | | mg/Kg | 0.94 | 0.79 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.94 | 0.56 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Nickel | **8.4** | | mg/Kg | 0.94 | 0.25 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Selenium | ND | | mg/Kg | 2.8 | 1.7 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Silver | ND | | mg/Kg | 0.47 | 0.15 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Thallium | ND | | mg/Kg | 2.8 | 1.0 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Vanadium | **24** | | mg/Kg | 0.94 | 0.25 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Zinc | **45** | | mg/Kg | 4.7 | 0.71 | 0.94 | 252333 | 09/10/20 | 09/10/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.055** | J | mg/Kg | 0.14 | 0.039 | 1 | 252336 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C23-C44) | **21** | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 127% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.4 | 0.12 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.4 | 0.37 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.4 | 0.17 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.8 | 7.7 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.4 | 0.20 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.4 | 0.12 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.4 | 0.19 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-085 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 4.4 | 0.20 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 88 | 44 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.4 | 0.65 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.4 | 0.16 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.4 | 0.15 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.4 | 0.17 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.4 | 0.20 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **5.6** | J | ug/Kg | 88 | 0.63 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.4 | 0.17 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.4 | 0.15 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.4 | 0.16 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.4 | 0.13 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.4 | 0.16 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.4 | 0.12 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | ND | | ug/Kg | 4.4 | 0.16 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 4.4 | 0.20 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.4 | 0.30 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.4 | 0.15 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **0.63** | J | ug/Kg | 4.4 | 0.15 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.4 | 0.16 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.4 | 0.19 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.4 | 0.17 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 4.4 | 0.20 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.4 | 0.17 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.4 | 0.11 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.4 | 0.16 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.4 | 0.21 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 4.4 | 0.20 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 8.8 | 0.33 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | ND | | ug/Kg | 4.4 | 0.17 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.4 | 0.11 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.4 | 0.17 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.4 | 0.22 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.4 | 0.25 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.4 | 0.19 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.4 | 0.26 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.4 | 0.20 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.4 | 0.22 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.4 | 0.19 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-085 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 4.4 | 0.30 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.4 | 0.25 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.4 | 0.25 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.4 | 0.24 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.4 | 0.21 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.4 | 0.22 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.4 | 0.16 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.4 | 0.18 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.4 | 0.29 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.4 | 0.37 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.4 | 0.14 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.4 | 0.16 | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | ND | | ug/Kg | 4.4 | | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 95% | | %REC | 70-145 | | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 94% | | %REC | 70-145 | | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 105% | | %REC | 70-145 | | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 102% | | %REC | 70-145 | | 0.88 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 10 | 3.7 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 10 | 3.8 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Naphthalene | ND | | ug/Kg | 10 | 4.0 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Fluorene | ND | | ug/Kg | 10 | 1.3 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Fluoranthene | **3.4** | B,J | ug/Kg | 10 | 0.84 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Pyrene | **3.7** | B,J | ug/Kg | 10 | 0.78 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(a)anthracene | **4.6** | J | ug/Kg | 10 | 1.1 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Chrysene | **4.4** | J | ug/Kg | 10 | 0.83 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(b)fluoranthene | **5.9** | J | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(k)fluoranthene | **5.4** | J | ug/Kg | 10 | 1.7 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(a)pyrene | **4.6** | J | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Indeno(1,2,3-cd)pyrene | **5.1** | J | ug/Kg | 10 | 1.8 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Dibenz(a,h)anthracene | **6.9** | J,b | ug/Kg | 10 | 1.4 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Benzo(g,h,i)perylene | **5.1** | J | ug/Kg | 10 | 1.2 | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 33% | | %REC | 27-125 | | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| 2-Fluorobiphenyl | 31% | | %REC | 30-120 | | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |
| Terphenyl-d14 | 42% | | %REC | 33-155 | | 1 | 251614 | 08/25/20 | 09/01/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-22-5' | Lab ID: 432615-086 | Collected: 08/21/20 12:00 |
|---|---|---|
| | Matrix: Soil | |

| 432615-086 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C23-C44) | **6.8** | J | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 123% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.2 | 0.15 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.2 | 0.44 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 9.2 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.2 | 0.24 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.2 | 0.15 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.2 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 5.2 | 0.24 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | **67** | J,b | ug/Kg | 100 | 52 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.2 | 0.77 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.2 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.2 | 0.24 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **8.8** | J | ug/Kg | 100 | 0.75 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.2 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.2 | 0.16 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.2 | 0.15 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **13** | | ug/Kg | 5.2 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 5.2 | 0.24 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.2 | 0.35 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-086 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | **0.82** | J | ug/Kg | 5.2 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **16** | | ug/Kg | 5.2 | 0.18 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.2 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | ND | | ug/Kg | 5.2 | 0.24 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.2 | 0.13 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.2 | 0.25 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **3.7** | J | ug/Kg | 5.2 | 0.24 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **4.6** | J | ug/Kg | 10 | 0.40 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **2.0** | J | ug/Kg | 5.2 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.2 | 0.14 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.2 | 0.20 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | **0.34** | J | ug/Kg | 5.2 | 0.26 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.2 | 0.30 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | **0.41** | J | ug/Kg | 5.2 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.2 | 0.31 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | **0.33** | J | ug/Kg | 5.2 | 0.24 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.2 | 0.26 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.2 | 0.23 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 5.2 | 0.35 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **1.0** | J | ug/Kg | 5.2 | 0.29 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.2 | 0.29 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.2 | 0.28 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.2 | 0.22 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.2 | 0.25 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.2 | 0.26 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.2 | 0.21 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.2 | 0.34 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.2 | 0.44 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | **0.66** | B,J | ug/Kg | 5.2 | 0.17 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.2 | 0.19 | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **6.6** | J | ug/Kg | 5.2 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 99% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 99% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 1 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-23-2' | Lab ID: 432615-089 | Collected: 08/21/20 13:18 |
|---|---|---|
| | Matrix: Soil | |

| 432615-089 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **730** | | mg/Kg | 2.8 | 1.5 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **23** | | mg/Kg | 0.93 | 0.62 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **280** | | mg/Kg | 0.93 | 0.10 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.40** | J | mg/Kg | 0.46 | 0.062 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | **5.0** | | mg/Kg | 0.46 | 0.087 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **180** | | mg/Kg | 0.93 | 0.089 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **17** | | mg/Kg | 0.46 | 0.080 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **110** | | mg/Kg | 0.93 | 0.39 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **4,100** | | mg/Kg | 0.93 | 0.78 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | **36** | | mg/Kg | 0.93 | 0.55 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **26** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 2.8 | 1.7 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | **0.59** | | mg/Kg | 0.46 | 0.15 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 2.8 | 1.0 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **26** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **540** | | mg/Kg | 4.6 | 0.69 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.91** | | mg/Kg | 0.25 | 0.071 | 1.8 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | **2,600** | | mg/Kg | 800 | 320 | 80 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C13-C22) | **8,500** | | mg/Kg | 800 | 320 | 80 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C23-C44) | **33,000** | | mg/Kg | 800 | 320 | 80 | 251778 | 08/27/20 | 08/31/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 80 | 251778 | 08/27/20 | 08/31/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 1,500 | 110 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 1,500 | 190 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 1,500 | 140 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 1,500 | 61 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 1,500 | 70 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 1,500 | 58 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 3,000 | 1,600 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 1,500 | 100 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 1,500 | 82 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 1,500 | 55 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 1,500 | 210 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 1,500 | 140 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-089 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 1,500 | 76 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 30,000 | 15,000 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 1,500 | 110 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 1,500 | 91 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | **2,100** | | ug/Kg | 1,500 | 48 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 1,500 | 58 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 1,500 | 100 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 1,500 | 97 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **1,800** | J | ug/Kg | 30,000 | 240 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 1,500 | 82 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 1,500 | 97 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 1,500 | 55 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 1,500 | 52 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | **1,700** | | ug/Kg | 1,500 | 120 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 1,500 | 76 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 1,500 | 82 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 1,500 | 61 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | ND | | ug/Kg | 1,500 | 55 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 1,500 | 120 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 1,500 | 110 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 1,500 | 94 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 1,500 | 130 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | **3,200** | | ug/Kg | 1,500 | 36 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 1,500 | 76 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **2,400** | | ug/Kg | 1,500 | 73 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 1,500 | 70 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 1,500 | 76 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 1,500 | 58 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **69** | J | ug/Kg | 1,500 | 55 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 1,500 | 64 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 1,500 | 58 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 1,500 | 58 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 1,500 | 76 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **4,100** | | ug/Kg | 1,500 | 64 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **22,000** | | ug/Kg | 3,000 | 140 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **11,000** | | ug/Kg | 1,500 | 88 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 1,500 | 67 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 1,500 | 61 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | **500** | J | ug/Kg | 1,500 | 73 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 1,500 | 76 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 1,500 | 48 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | **2,100** | | ug/Kg | 1,500 | 94 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 1,500 | 160 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | **9,900** | | ug/Kg | 1,500 | 73 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 1,500 | 100 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 1,500 | 94 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-089 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 1,500 | 120 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **33,000** | | ug/Kg | 1,500 | 85 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | **1,500** | J | ug/Kg | 1,500 | 97 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | **590** | J | ug/Kg | 1,500 | 97 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 1,500 | 100 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 1,500 | 130 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | **6,500** | | ug/Kg | 1,500 | 76 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 1,500 | 79 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 1,500 | 36 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 1,500 | 82 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 1,500 | 150 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | **6,300** | | ug/Kg | 1,500 | 76 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 1,500 | 85 | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **33,000** | | ug/Kg | 1,500 | | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 92% | | %REC | 70-145 | | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 85% | | %REC | 70-145 | | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 103% | | %REC | 70-145 | | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 102% | | %REC | 70-145 | | 300 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 1,000 | 370 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Methylnaphthalene | **430** | J | ug/Kg | 1,000 | 380 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Naphthalene | **2,400** | | ug/Kg | 1,000 | 400 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthylene | ND | | ug/Kg | 1,000 | 330 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthene | **170** | J | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluorene | **200** | J | ug/Kg | 1,000 | 130 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Phenanthrene | **760** | J | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Anthracene | ND | | ug/Kg | 1,000 | 120 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluoranthene | **430** | J | ug/Kg | 1,000 | 84 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Pyrene | **490** | J | ug/Kg | 1,000 | 78 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)anthracene | **170** | J | ug/Kg | 1,000 | 110 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Chrysene | **420** | J | ug/Kg | 1,000 | 83 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(b)fluoranthene | **190** | J | ug/Kg | 1,000 | 170 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(k)fluoranthene | ND | | ug/Kg | 1,000 | 170 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 1,000 | 120 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 47% | | %REC | 27-125 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Fluorobiphenyl | 236% | * | %REC | 30-120 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Terphenyl-d14 | 40% | | %REC | 33-155 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-23-5' | Lab ID: 432615-090 | Collected: 08/21/20 13:21 |
|---|---|---|
| | Matrix: Soil | |

| 432615-090 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **1.7** | J | mg/Kg | 3.0 | 1.6 | 1 | 252610 | 09/14/20 | 09/15/20 | SBW |
| Arsenic | **4.0** | | mg/Kg | 1.0 | 0.68 | 1 | 252610 | 09/14/20 | 09/15/20 | SBW |
| Lead | **5.7** | | mg/Kg | 1.0 | 0.85 | 1 | 252610 | 09/14/20 | 09/15/20 | SBW |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 9.9 | 4.0 | 0.99 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C13-C22) | **4.5** | J | mg/Kg | 9.9 | 4.0 | 0.99 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C23-C44) | **18** | | mg/Kg | 9.9 | 4.0 | 0.99 | 251778 | 08/27/20 | 08/31/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 129% | | %REC | 70-130 | | 0.99 | 251778 | 08/27/20 | 08/31/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.7 | 0.16 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.7 | 0.48 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 10 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.7 | 0.16 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Acetone | ND | | ug/Kg | 110 | 57 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.7 | 0.84 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| MTBE | ND | | ug/Kg | 5.7 | 0.19 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Butanone | **7.1** | J | ug/Kg | 110 | 0.82 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.7 | 0.19 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.7 | 0.17 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-090 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | ug/Kg | 5.7 | 0.16 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Benzene | **7.1** | | ug/Kg | 5.7 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.7 | 0.39 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.7 | 0.19 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene | **5.6** | J | ug/Kg | 5.7 | 0.19 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Tetrachloroethene | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.7 | 0.14 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.7 | 0.27 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethylbenzene | **1.1** | J | ug/Kg | 5.7 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| m,p-Xylenes | **1.5** | J | ug/Kg | 11 | 0.43 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| o-Xylene | **0.63** | J | ug/Kg | 5.7 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Styrene | ND | | ug/Kg | 5.7 | 0.15 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.7 | 0.28 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.7 | 0.33 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.7 | 0.34 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.7 | 0.28 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.7 | 0.39 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.7 | 0.32 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.7 | 0.32 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.7 | 0.31 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.27 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.7 | 0.28 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.7 | 0.38 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.7 | 0.48 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Naphthalene | **0.31** | J | ug/Kg | 5.7 | 0.18 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Xylene (total) | **2.1** | J | ug/Kg | 5.7 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| 432615-090 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 100% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromofluorobenzene | 105% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-24-2' | Lab ID: 432615-093 | Collected: 08/21/20 09:35 |
|---|---|---|
| | Matrix: Soil | |

| 432615-093 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **4.0** | | mg/Kg | 2.8 | 1.5 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **5.3** | | mg/Kg | 0.93 | 0.62 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **110** | | mg/Kg | 0.93 | 0.10 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.37** | J | mg/Kg | 0.46 | 0.062 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.46 | 0.087 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **17** | | mg/Kg | 0.93 | 0.089 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **7.8** | | mg/Kg | 0.46 | 0.080 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **22** | | mg/Kg | 0.93 | 0.39 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **140** | | mg/Kg | 0.93 | 0.78 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.93 | 0.55 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **13** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 2.8 | 1.7 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | ND | | mg/Kg | 0.46 | 0.15 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 2.8 | 1.0 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **35** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **66** | | mg/Kg | 4.6 | 0.69 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.041** | J | mg/Kg | 0.14 | 0.038 | 0.98 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 20 | 8.0 | 2 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 20 | 8.0 | 2 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **74** | | mg/Kg | 20 | 8.0 | 2 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 123% | | %REC | 70-130 | | 2 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.8 | 0.16 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.8 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.8 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.8 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.8 | 0.49 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.8 | 0.22 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 12 | 10 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.8 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.8 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.8 | 0.16 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.8 | 0.26 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.8 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-093 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 5.8 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 100 | 50 | 1 | 252015 | 09/02/20 | 09/02/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.8 | 0.86 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.8 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.8 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.8 | 0.20 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.8 | 0.22 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.8 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **14** | J | ug/Kg | 120 | 0.84 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.8 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.8 | 0.22 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.8 | 0.20 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.8 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.8 | 0.17 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.8 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.8 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.8 | 0.16 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **9.5** | | ug/Kg | 5.8 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 5.8 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.8 | 0.40 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.8 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 5.8 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.8 | 0.20 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.8 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **8.4** | | ug/Kg | 5.8 | 0.20 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.8 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.8 | 0.26 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.8 | 0.22 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **2.2** | J | ug/Kg | 5.8 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.8 | 0.22 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.8 | 0.14 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.8 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.8 | 0.28 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **1.3** | J | ug/Kg | 5.8 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **1.5** | J | ug/Kg | 12 | 0.44 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **0.65** | J | ug/Kg | 5.8 | 0.22 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.8 | 0.15 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.8 | 0.22 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.8 | 0.29 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.8 | 0.34 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.8 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.8 | 0.26 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.8 | 0.35 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.8 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.8 | 0.29 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.8 | 0.26 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-093 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 5.8 | 0.40 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.39** | J | ug/Kg | 5.8 | 0.33 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.8 | 0.33 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.8 | 0.31 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.8 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.8 | 0.28 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.8 | 0.29 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.8 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.8 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.8 | 0.38 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.8 | 0.49 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | **0.19** | B,J | ug/Kg | 5.8 | 0.19 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.8 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **2.1** | J | ug/Kg | 5.8 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 96% | | %REC | 70-145 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 96% | | %REC | 70-145 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 102% | | %REC | 70-145 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 20 | 7.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 20 | 7.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Naphthalene | ND | | ug/Kg | 20 | 8.0 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 20 | 6.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluorene | ND | | ug/Kg | 20 | 2.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Phenanthrene | **4.5** | B,J | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Anthracene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluoranthene | **5.6** | B,J | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Pyrene | **6.3** | B,J | ug/Kg | 20 | 1.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)anthracene | **3.9** | J | ug/Kg | 20 | 2.2 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Chrysene | **5.0** | B,J | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(b)fluoranthene | **5.1** | J,b | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(k)fluoranthene | **14** | B,J | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)pyrene | **17** | B,J,b | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(g,h,i)perylene | **21** | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 120% | | %REC | 27-125 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Fluorobiphenyl | 106% | | %REC | 30-120 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Terphenyl-d14 | 103% | | %REC | 33-155 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-24-5' | Lab ID: 432615-094 | Collected: 08/21/20 09:40 |
|---|---|---|
| | Matrix: Soil | |

| 432615-094 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **10** | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 130% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.6 | 0.16 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.6 | 0.47 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.8 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 5.6 | 0.26 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 5.6 | 0.16 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 5.6 | 0.24 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 5.6 | 0.26 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 110 | 56 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 5.6 | 0.82 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 5.6 | 0.19 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.6 | 0.26 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **6.6** | J | ug/Kg | 110 | 0.80 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 5.6 | 0.19 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.6 | 0.17 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.6 | 0.16 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **8.2** | | ug/Kg | 5.6 | 0.20 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 5.6 | 0.26 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.6 | 0.38 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-094 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.6 | 0.19 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **6.3** | | ug/Kg | 5.6 | 0.19 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.6 | 0.24 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **0.98** | J | ug/Kg | 5.6 | 0.26 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.6 | 0.13 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.6 | 0.27 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **1.1** | J | ug/Kg | 5.6 | 0.26 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **1.3** | J | ug/Kg | 11 | 0.42 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **0.57** | J | ug/Kg | 5.6 | 0.21 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 5.6 | 0.14 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 5.6 | 0.21 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 5.6 | 0.28 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.6 | 0.32 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 5.6 | 0.24 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 5.6 | 0.33 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.6 | 0.26 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 5.6 | 0.28 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 5.6 | 0.24 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 5.6 | 0.38 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.6 | 0.31 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 5.6 | 0.31 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.6 | 0.30 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.6 | 0.27 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 5.6 | 0.28 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.6 | 0.22 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.6 | 0.37 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 5.6 | 0.47 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 5.6 | 0.18 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **1.9** | J | ug/Kg | 5.6 | | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 99% | | %REC | 70-145 | | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 103% | | %REC | 70-145 | | 1.1 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-25-2' | Lab ID: 432615-097 | Collected: 08/21/20 11:16 |
|---|---|---|
| | Matrix: Soil | |

| 432615-097 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **1.6** | J | mg/Kg | 2.8 | 1.5 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **7.0** | | mg/Kg | 0.93 | 0.63 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **110** | | mg/Kg | 0.93 | 0.10 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.37** | J | mg/Kg | 0.47 | 0.063 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.47 | 0.088 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **18** | | mg/Kg | 0.93 | 0.090 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **8.4** | | mg/Kg | 0.47 | 0.080 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **23** | | mg/Kg | 0.93 | 0.39 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **110** | | mg/Kg | 0.93 | 0.79 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.93 | 0.55 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **14** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 2.8 | 1.7 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | ND | | mg/Kg | 0.47 | 0.15 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 2.8 | 1.0 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **37** | | mg/Kg | 0.93 | 0.24 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **100** | | mg/Kg | 4.7 | 0.70 | 0.93 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.097** | J | mg/Kg | 0.12 | 0.034 | 0.87 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **16** | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 129% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.9 | 0.14 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.9 | 0.41 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.8 | 8.6 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.9 | 0.14 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-097 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | **90** | J,b | ug/Kg | 98 | 49 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.9 | 0.73 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.9 | 0.17 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **10** | J | ug/Kg | 98 | 0.71 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.9 | 0.17 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.9 | 0.15 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.9 | 0.14 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **1.6** | J | ug/Kg | 4.9 | 0.18 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.9 | 0.33 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.9 | 0.17 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **1.8** | J | ug/Kg | 4.9 | 0.17 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **0.38** | J | ug/Kg | 4.9 | 0.23 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.9 | 0.12 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.9 | 0.24 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **49** | | ug/Kg | 4.9 | 0.23 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **180** | | ug/Kg | 9.8 | 0.37 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **50** | | ug/Kg | 4.9 | 0.19 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.9 | 0.13 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.9 | 0.19 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | **0.68** | J | ug/Kg | 4.9 | 0.25 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.9 | 0.28 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.9 | 0.29 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.9 | 0.23 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.9 | 0.25 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.9 | 0.22 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-097 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 4.9 | 0.33 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.30** | J | ug/Kg | 4.9 | 0.27 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.9 | 0.27 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.9 | 0.26 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.21 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.24 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.9 | 0.25 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.9 | 0.20 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.9 | 0.32 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.9 | 0.41 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | **0.40** | B,J | ug/Kg | 4.9 | 0.16 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.9 | 0.18 | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **230** | | ug/Kg | 4.9 | | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 96% | | %REC | 70-145 | | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 96% | | %REC | 70-145 | | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 103% | | %REC | 70-145 | | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 0.98 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 20 | 7.3 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 20 | 7.5 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Naphthalene | **8.3** | J | ug/Kg | 20 | 7.8 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 20 | 6.5 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 20 | 2.7 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Fluorene | ND | | ug/Kg | 20 | 2.5 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Phenanthrene | **5.2** | B,J | ug/Kg | 20 | 2.7 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Anthracene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Fluoranthene | **18** | B,J | ug/Kg | 20 | 1.6 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Pyrene | **27** | B | ug/Kg | 20 | 1.5 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Benzo(a)anthracene | **15** | J | ug/Kg | 20 | 2.2 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Chrysene | **19** | J | ug/Kg | 20 | 1.6 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Benzo(b)fluoranthene | **16** | J | ug/Kg | 20 | 3.3 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Benzo(k)fluoranthene | **15** | B,J | ug/Kg | 20 | 3.3 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Benzo(a)pyrene | **18** | B,J | ug/Kg | 20 | 3.5 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Indeno(1,2,3-cd)pyrene | **9.4** | J | ug/Kg | 20 | 3.5 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 20 | 2.7 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Benzo(g,h,i)perylene | **12** | J | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 81% | | %REC | 27-125 | | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| 2-Fluorobiphenyl | 92% | | %REC | 30-120 | | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |
| Terphenyl-d14 | 87% | | %REC | 33-155 | | 2 | 251693 | 08/26/20 | 09/01/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-25-5' | Lab ID: 432615-098 | Collected: 08/21/20 11:19 |
|---|---|---|
| | Matrix: Soil | |

| 432615-098 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **9.7** | J | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 127% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.6 | 8.5 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 96 | 48 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.8 | 0.71 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **3.2** | J | ug/Kg | 96 | 0.69 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.8 | 0.14 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **0.89** | J | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-098 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **0.50** | J | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **1.5** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.8 | 0.12 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 9.6 | 0.37 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.28 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.8 | 0.26 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.32 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.8 | 0.15 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | ND | | ug/Kg | 4.8 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 97% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 99% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-26-2' | Lab ID: 432615-101 | Collected: 08/21/20 10:40 |
|---|---|---|
| | Matrix: Soil | |

| 432615-101 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | **1.9** | J | mg/Kg | 3.0 | 1.6 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **14** | | mg/Kg | 0.99 | 0.66 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **270** | | mg/Kg | 0.99 | 0.11 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.65** | | mg/Kg | 0.50 | 0.066 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.50 | 0.093 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **30** | | mg/Kg | 0.99 | 0.095 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **14** | | mg/Kg | 0.50 | 0.085 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **34** | | mg/Kg | 0.99 | 0.42 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **9.3** | | mg/Kg | 0.99 | 0.83 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.99 | 0.58 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **24** | | mg/Kg | 0.99 | 0.26 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | ND | | mg/Kg | 0.50 | 0.16 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **54** | | mg/Kg | 0.99 | 0.26 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **72** | | mg/Kg | 5.0 | 0.74 | 0.99 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.051** | J | mg/Kg | 0.12 | 0.034 | 0.87 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C13-C22) | **16** | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| TPH (C23-C44) | **37** | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 126% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/31/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 7.1 | 0.20 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 7.1 | 0.29 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 7.1 | 0.29 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 7.1 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 7.1 | 0.60 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 7.1 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 14 | 13 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 7.1 | 0.33 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 7.1 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 7.1 | 0.20 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 7.1 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 7.1 | 0.29 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-101 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 7.1 | 0.33 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | **110** | J,b | ug/Kg | 140 | 71 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 7.1 | 1.1 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 7.1 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 7.1 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 7.1 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 7.1 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 7.1 | 0.33 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **14** | J | ug/Kg | 140 | 1.0 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 7.1 | 0.29 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 7.1 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 7.1 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 7.1 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 7.1 | 0.21 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 7.1 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 7.1 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 7.1 | 0.20 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **14** | | ug/Kg | 7.1 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | **3.3** | J | ug/Kg | 7.1 | 0.33 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 7.1 | 0.49 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 7.1 | 0.29 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 7.1 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 7.1 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 7.1 | 0.29 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **11** | | ug/Kg | 7.1 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 7.1 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 7.1 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 7.1 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **44** | | ug/Kg | 7.1 | 0.33 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 7.1 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 7.1 | 0.17 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 7.1 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 7.1 | 0.34 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **1.9** | J | ug/Kg | 7.1 | 0.33 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **1.9** | J | ug/Kg | 14 | 0.54 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **0.84** | J | ug/Kg | 7.1 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 7.1 | 0.19 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 7.1 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 7.1 | 0.36 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 7.1 | 0.41 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 7.1 | 0.29 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 7.1 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 7.1 | 0.43 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 7.1 | 0.33 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 7.1 | 0.36 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 7.1 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-101 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 7.1 | 0.49 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.50** | J | ug/Kg | 7.1 | 0.40 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 7.1 | 0.40 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 7.1 | 0.39 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 7.1 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 7.1 | 0.34 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 7.1 | 0.36 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 7.1 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 7.1 | 0.29 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 7.1 | 0.47 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 7.1 | 0.60 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 7.1 | 0.23 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 7.1 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **2.8** | J | ug/Kg | 7.1 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 99% | | %REC | 70-145 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 100% | | %REC | 70-145 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 101% | | %REC | 70-145 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 102% | | %REC | 70-145 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 20 | 7.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 20 | 7.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Naphthalene | ND | | ug/Kg | 20 | 8.0 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 20 | 6.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluorene | ND | | ug/Kg | 20 | 2.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Anthracene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluoranthene | ND | | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Pyrene | ND | | ug/Kg | 20 | 1.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 20 | 2.2 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Chrysene | ND | | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)pyrene | **11** | B,J,b | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 98% | | %REC | 27-125 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Fluorobiphenyl | 88% | | %REC | 30-120 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Terphenyl-d14 | 92% | | %REC | 33-155 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-26-5' | Lab ID: 432615-102 | Collected: 08/21/20 10:44 |
|---|---|---|
| | Matrix: Soil | |

| 432615-102 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Arsenic | **6.4** | | mg/Kg | 1.0 | 0.67 | 1 | 252543 | 09/11/20 | 09/11/20 | KLN |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 50 | 20 | 5 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 50 | 20 | 5 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **130** | | mg/Kg | 50 | 20 | 5 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 5 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.8 | 0.19 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.8 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.8 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.8 | 0.28 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.8 | 0.57 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.8 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | **36** | | ug/Kg | 14 | 12 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 6.8 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 6.8 | 0.28 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 6.8 | 0.19 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 6.8 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 6.8 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 6.8 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 100 | 50 | 1 | 252015 | 09/02/20 | 09/02/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 6.8 | 1.0 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.8 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 6.8 | 0.28 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 6.8 | 0.23 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.8 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 6.8 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **35** | J | ug/Kg | 140 | 0.97 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 6.8 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.8 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 6.8 | 0.23 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 6.8 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.8 | 0.20 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.8 | 0.28 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 6.8 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.8 | 0.19 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **3.7** | J | ug/Kg | 6.8 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| 432615-102 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | **0.83** | J | ug/Kg | 6.8 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.8 | 0.46 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 6.8 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 6.8 | 0.28 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | **1.1** | J | ug/Kg | 6.8 | 0.23 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.8 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **3.4** | J | ug/Kg | 6.8 | 0.23 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.8 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.8 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.8 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **10** | | ug/Kg | 6.8 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 6.8 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.8 | 0.16 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 6.8 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.8 | 0.32 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **0.41** | J | ug/Kg | 6.8 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **0.96** | J | ug/Kg | 14 | 0.51 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **0.38** | J | ug/Kg | 6.8 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 6.8 | 0.18 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 6.8 | 0.26 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 6.8 | 0.34 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.8 | 0.39 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.8 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 6.8 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 6.8 | 0.41 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.8 | 0.31 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 6.8 | 0.34 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 6.8 | 0.30 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 6.8 | 0.46 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | **0.54** | J | ug/Kg | 6.8 | 0.38 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 6.8 | 0.38 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.8 | 0.36 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.8 | 0.28 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.8 | 0.32 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 6.8 | 0.34 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.8 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.8 | 0.27 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.8 | 0.45 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 6.8 | 0.57 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 6.8 | 0.22 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.8 | 0.24 | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **1.3** | J | ug/Kg | 6.8 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 96% | | %REC | 70-145 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 93% | | %REC | 70-145 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 105% | | %REC | 70-145 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| 432615-102 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Bromofluorobenzene | 103% | | %REC | 70-145 | | 1.4 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-27-2' | Lab ID: 432615-105 | Collected: 08/21/20 10:13 |
|---|---|---|
| | Matrix: Soil | |

| 432615-105 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 3.1 | 1.6 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **2.2** | | mg/Kg | 1.0 | 0.68 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **77** | | mg/Kg | 1.0 | 0.11 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.18** | J | mg/Kg | 0.51 | 0.068 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | **0.12** | J | mg/Kg | 0.51 | 0.096 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **18** | | mg/Kg | 1.0 | 0.098 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **5.2** | | mg/Kg | 0.51 | 0.088 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **15** | | mg/Kg | 1.0 | 0.43 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **100** | | mg/Kg | 1.0 | 0.86 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | **0.70** | J | mg/Kg | 1.0 | 0.60 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **14** | | mg/Kg | 1.0 | 0.27 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 3.1 | 1.8 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | **5.1** | | mg/Kg | 0.51 | 0.16 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 3.1 | 1.1 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **25** | | mg/Kg | 1.0 | 0.27 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **77** | | mg/Kg | 5.1 | 0.77 | 1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.080** | J | mg/Kg | 0.12 | 0.033 | 0.86 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 50 | 20 | 5 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | **40** | J | mg/Kg | 50 | 20 | 5 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **400** | | mg/Kg | 50 | 20 | 5 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 5 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 510 | 30 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 510 | 140 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 510 | 96 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 510 | 140 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 510 | 190 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 510 | 200 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 510 | 70 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 510 | 170 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 510 | 87 | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 84% | | %REC | 19-121 | | 10 | 251650 | 08/25/20 | 08/27/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-105 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | **10** | | ug/Kg | 9.6 | 8.5 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 96 | 48 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.8 | 0.71 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | **0.46** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **5.1** | J | ug/Kg | 96 | 0.69 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | **0.22** | J | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.8 | 0.14 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | **7.5** | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **0.32** | J | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **5.7** | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.8 | 0.12 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| 432615-105 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | ND | | ug/Kg | 9.6 | 0.37 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.28 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.8 | 0.26 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.32 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.8 | 0.15 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | ND | | ug/Kg | 4.8 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 97% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 103% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 103% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 2,000 | 740 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Methylnaphthalene | ND | | ug/Kg | 2,000 | 760 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Naphthalene | ND | | ug/Kg | 2,000 | 800 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthylene | ND | | ug/Kg | 2,000 | 660 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthene | ND | | ug/Kg | 2,000 | 280 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluorene | ND | | ug/Kg | 2,000 | 260 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Phenanthrene | ND | | ug/Kg | 2,000 | 280 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Anthracene | ND | | ug/Kg | 2,000 | 240 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluoranthene | ND | | ug/Kg | 2,000 | 170 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Pyrene | ND | | ug/Kg | 2,000 | 160 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)anthracene | ND | | ug/Kg | 2,000 | 220 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-105 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | ND | | ug/Kg | 2,000 | 170 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(b)fluoranthene | ND | | ug/Kg | 2,000 | 340 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(k)fluoranthene | ND | | ug/Kg | 2,000 | 340 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)pyrene | ND | | ug/Kg | 2,000 | 360 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 2,000 | 360 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 2,000 | 280 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 2,000 | 240 | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 72% | | %REC | 27-125 | | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Fluorobiphenyl | 87% | | %REC | 30-120 | | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Terphenyl-d14 | 92% | | %REC | 33-155 | | 200 | 251693 | 08/26/20 | 08/31/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-27-5' | Lab ID: 432615-106 | Collected: 08/21/20 10:16 |
|---|---|---|
| | Matrix: Soil | |

| 432615-106 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **8.6** | J | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 121% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.4 | 0.15 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.4 | 0.46 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.6 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.4 | 0.15 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.4 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Acetone | ND | | ug/Kg | 110 | 54 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.4 | 0.80 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| MTBE | ND | | ug/Kg | 5.4 | 0.18 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethane | **1.6** | J | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Butanone | **6.8** | J | ug/Kg | 110 | 0.78 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,2-Dichloroethene | **2.5** | J | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.4 | 0.18 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.4 | 0.16 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.4 | 0.15 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Benzene | **9.8** | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichloroethene | **10** | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.4 | 0.37 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-106 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.4 | 0.18 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene | **7.9** | | ug/Kg | 5.4 | 0.18 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.4 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Tetrachloroethene | **6.3** | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.4 | 0.13 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.4 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethylbenzene | **1.6** | J | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| m,p-Xylenes | **1.8** | J | ug/Kg | 11 | 0.41 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| o-Xylene | **0.81** | J | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Styrene | ND | | ug/Kg | 5.4 | 0.14 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.4 | 0.27 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.4 | 0.32 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.4 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.4 | 0.33 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.4 | 0.27 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.4 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.4 | 0.37 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trimethylbenzene | **0.35** | J | ug/Kg | 5.4 | 0.30 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.4 | 0.30 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.4 | 0.29 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.4 | 0.27 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.4 | 0.36 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.4 | 0.46 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Naphthalene | **0.24** | J | ug/Kg | 5.4 | 0.17 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Xylene (total) | **2.6** | J | ug/Kg | 5.4 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene-d8 | 99% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromofluorobenzene | 97% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-28-2' | Lab ID: 432615-109 | Collected: 08/21/20 13:58 |
|---|---|---|
| | Matrix: Soil | |

| 432615-109 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 3.2 | 1.7 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **3.1** | | mg/Kg | 1.1 | 0.71 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **76** | | mg/Kg | 1.1 | 0.12 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.48** | J | mg/Kg | 0.53 | 0.071 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.53 | 0.099 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **15** | | mg/Kg | 1.1 | 0.10 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **4.9** | | mg/Kg | 0.53 | 0.091 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **11** | | mg/Kg | 1.1 | 0.44 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **15** | | mg/Kg | 1.1 | 0.88 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | **0.94** | J | mg/Kg | 1.1 | 0.62 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **9.3** | | mg/Kg | 1.1 | 0.27 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 3.2 | 1.9 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | ND | | mg/Kg | 0.53 | 0.17 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 3.2 | 1.2 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **31** | | mg/Kg | 1.1 | 0.27 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **34** | | mg/Kg | 5.3 | 0.79 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.11** | J | mg/Kg | 0.13 | 0.036 | 0.92 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 100 | 40 | 10 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 100 | 40 | 10 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **300** | | mg/Kg | 100 | 40 | 10 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 10 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.0 | 0.17 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.0 | 0.50 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 12 | 10 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 12 | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloromethane | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 6.0 | 0.17 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromomethane | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroethane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-109 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Acetone | ND | | ug/Kg | 120 | 60 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 113 | **6.0** | | ug/Kg | 6.0 | 0.88 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| MTBE | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethane | **0.62** | J | ug/Kg | 6.0 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Butanone | **5.7** | J | ug/Kg | 120 | 0.86 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,2-Dichloroethene | **2.4** | J | ug/Kg | 6.0 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroform | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.0 | 0.18 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.0 | 0.17 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Benzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichloroethene | **21** | | ug/Kg | 6.0 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene | **0.54** | J | ug/Kg | 6.0 | 0.20 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Tetrachloroethene | **52** | | ug/Kg | 6.0 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.0 | 0.14 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.29 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 12 | 0.45 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| o-Xylene | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Styrene | ND | | ug/Kg | 6.0 | 0.15 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromoform | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 6.0 | 0.30 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.35 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 6.0 | 0.36 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.30 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-109 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.33 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 6.0 | 0.33 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.0 | 0.32 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.29 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 6.0 | 0.30 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.0 | 0.39 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 6.0 | 0.50 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Naphthalene | ND | | ug/Kg | 6.0 | 0.19 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 6.0 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 96% | | %REC | 70-145 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane-d4 | 98% | | %REC | 70-145 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene-d8 | 102% | | %REC | 70-145 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromofluorobenzene | 98% | | %REC | 70-145 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 1,000 | 370 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Methylnaphthalene | ND | | ug/Kg | 1,000 | 380 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Naphthalene | ND | | ug/Kg | 1,000 | 400 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthylene | ND | | ug/Kg | 1,000 | 330 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluorene | ND | | ug/Kg | 1,000 | 130 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Phenanthrene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Anthracene | ND | | ug/Kg | 1,000 | 120 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluoranthene | ND | | ug/Kg | 1,000 | 84 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Pyrene | ND | | ug/Kg | 1,000 | 78 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)anthracene | ND | | ug/Kg | 1,000 | 110 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Chrysene | ND | | ug/Kg | 1,000 | 83 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(b)fluoranthene | ND | | ug/Kg | 1,000 | 170 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(k)fluoranthene | ND | | ug/Kg | 1,000 | 170 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 1,000 | 120 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 106% | | %REC | 27-125 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Fluorobiphenyl | 91% | | %REC | 30-120 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Terphenyl-d14 | 98% | | %REC | 33-155 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-28-5' | Lab ID: 432615-110 | Collected: 08/21/20 13:58 |
|---|---|---|
| | Matrix: Soil | |

| 432615-110 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **11** | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 129% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.2 | 0.12 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.2 | 0.35 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.3 | 7.3 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 12 | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloromethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 4.2 | 0.12 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromomethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroethane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Acetone | ND | | ug/Kg | 83 | 42 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 113 | ND | | ug/Kg | 4.2 | 0.62 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| MTBE | ND | | ug/Kg | 4.2 | 0.14 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethane | **0.23** | J | ug/Kg | 4.2 | 0.19 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Butanone | **3.3** | J | ug/Kg | 83 | 0.60 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,2-Dichloroethene | **2.3** | J | ug/Kg | 4.2 | 0.17 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroform | ND | | ug/Kg | 4.2 | 0.14 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.2 | 0.13 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.2 | 0.12 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Benzene | **4.0** | J | ug/Kg | 4.2 | 0.15 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichloroethene | **3.7** | J | ug/Kg | 4.2 | 0.19 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-110 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.2 | 0.14 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene | **3.7** | J | ug/Kg | 4.2 | 0.14 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Tetrachloroethene | **24** | | ug/Kg | 4.2 | 0.19 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.2 | 0.10 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.2 | 0.20 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethylbenzene | **0.73** | J | ug/Kg | 4.2 | 0.19 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| m,p-Xylenes | **0.86** | J | ug/Kg | 8.3 | 0.32 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| o-Xylene | **0.39** | J | ug/Kg | 4.2 | 0.16 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Styrene | ND | | ug/Kg | 4.2 | 0.11 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromoform | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 4.2 | 0.21 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.2 | 0.24 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 4.2 | 0.25 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 4.2 | 0.21 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.20 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 4.2 | 0.21 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 4.2 | 0.35 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Naphthalene | **0.19** | J | ug/Kg | 4.2 | 0.13 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Xylene (total) | **1.2** | J | ug/Kg | 4.2 | | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane-d4 | 106% | | %REC | 70-145 | | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene-d8 | 99% | | %REC | 70-145 | | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromofluorobenzene | 98% | | %REC | 70-145 | | 0.83 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-29-2' | Lab ID: 432615-113 | Collected: 08/21/20 14:19 |
|---|---|---|
| | Matrix: Soil | |

| 432615-113 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 2.6 | 1.4 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **2.1** | | mg/Kg | 0.88 | 0.59 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **74** | | mg/Kg | 0.88 | 0.096 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.16** | J | mg/Kg | 0.44 | 0.059 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.44 | 0.082 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **15** | | mg/Kg | 0.88 | 0.084 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **4.5** | | mg/Kg | 0.44 | 0.075 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **9.3** | | mg/Kg | 0.88 | 0.37 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **47** | | mg/Kg | 0.88 | 0.74 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.88 | 0.52 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **14** | | mg/Kg | 0.88 | 0.23 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 2.6 | 1.6 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | **0.20** | J | mg/Kg | 0.44 | 0.14 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 2.6 | 0.96 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **27** | | mg/Kg | 0.88 | 0.23 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **46** | | mg/Kg | 4.4 | 0.66 | 0.88 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.048** | J | mg/Kg | 0.13 | 0.037 | 0.95 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **17** | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 129% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.3 | 0.12 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.3 | 0.17 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.3 | 0.17 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.3 | 0.18 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.3 | 0.36 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butyl Alcohol (TBA) | **12** | | ug/Kg | 8.6 | 7.6 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 12 | ND | | ug/Kg | 4.3 | 0.20 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloromethane | ND | | ug/Kg | 4.3 | 0.18 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 4.3 | 0.12 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromomethane | ND | | ug/Kg | 4.3 | 0.19 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroethane | ND | | ug/Kg | 4.3 | 0.17 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-113 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 4.3 | 0.20 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Acetone | **130** | | ug/Kg | 86 | 43 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 113 | ND | | ug/Kg | 4.3 | 0.64 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 4.3 | 0.18 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| MTBE | ND | | ug/Kg | 4.3 | 0.15 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.3 | 0.20 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Butanone | **26** | J | ug/Kg | 86 | 0.62 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,2-Dichloroethene | **0.21** | J | ug/Kg | 4.3 | 0.17 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroform | ND | | ug/Kg | 4.3 | 0.15 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1-Trichloroethane | **0.18** | J | ug/Kg | 4.3 | 0.13 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.3 | 0.18 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.3 | 0.12 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Benzene | **0.38** | J | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichloroethene | **11** | | ug/Kg | 4.3 | 0.20 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.3 | 0.29 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 4.3 | 0.17 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 4.3 | 0.18 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.3 | 0.15 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.3 | 0.17 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene | **0.41** | J | ug/Kg | 4.3 | 0.15 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.3 | 0.19 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Tetrachloroethene | **140** | | ug/Kg | 4.3 | 0.20 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.3 | 0.10 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.3 | 0.21 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethylbenzene | **0.29** | J | ug/Kg | 4.3 | 0.20 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| m,p-Xylenes | **1.0** | J | ug/Kg | 8.6 | 0.33 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| o-Xylene | **0.28** | J | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Styrene | ND | | ug/Kg | 4.3 | 0.11 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromoform | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 4.3 | 0.22 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.3 | 0.25 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.3 | 0.17 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 4.3 | 0.19 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 4.3 | 0.26 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.3 | 0.20 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 4.3 | 0.22 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 4.3 | 0.19 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-113 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 4.3 | 0.29 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.3 | 0.24 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 4.3 | 0.24 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.3 | 0.23 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.3 | 0.18 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.3 | 0.21 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 4.3 | 0.22 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.3 | 0.17 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.3 | 0.28 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 4.3 | 0.36 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Naphthalene | **0.15** | J | ug/Kg | 4.3 | 0.14 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.3 | 0.16 | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Xylene (total) | **1.3** | J | ug/Kg | 4.3 | | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 97% | | %REC | 70-145 | | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane-d4 | 97% | | %REC | 70-145 | | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene-d8 | 104% | | %REC | 70-145 | | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromofluorobenzene | 107% | | %REC | 70-145 | | 0.86 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 40 | 15 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 40 | 15 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Naphthalene | ND | | ug/Kg | 40 | 16 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 40 | 13 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 40 | 5.6 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluorene | ND | | ug/Kg | 40 | 5.2 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 40 | 5.6 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Anthracene | ND | | ug/Kg | 40 | 4.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluoranthene | ND | | ug/Kg | 40 | 3.4 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Pyrene | ND | | ug/Kg | 40 | 3.1 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 40 | 4.4 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Chrysene | ND | | ug/Kg | 40 | 3.3 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 40 | 6.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(k)fluoranthene | ND | | ug/Kg | 40 | 6.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 40 | 7.2 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 40 | 7.2 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 40 | 5.6 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 40 | 4.8 | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 68% | | %REC | 27-125 | | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Fluorobiphenyl | 63% | | %REC | 30-120 | | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Terphenyl-d14 | 79% | | %REC | 33-155 | | 4 | 251693 | 08/26/20 | 08/29/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-29-5' | Lab ID: 432615-114 | Collected: 08/21/20 14:22 |
|---|---|---|
| | Matrix: Soil | |

| 432615-114 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| TPH (C23-C44) | **8.5** | J | mg/Kg | 10 | 4.0 | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 130% | | %REC | 70-130 | | 1 | 251778 | 08/27/20 | 08/29/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.1 | 0.17 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.1 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.1 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.1 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.1 | 0.51 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.1 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 12 | 11 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 12 | ND | | ug/Kg | 6.1 | 0.28 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloromethane | ND | | ug/Kg | 6.1 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 6.1 | 0.17 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromomethane | ND | | ug/Kg | 6.1 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroethane | ND | | ug/Kg | 6.1 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 6.1 | 0.28 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Acetone | ND | | ug/Kg | 120 | 61 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 113 | ND | | ug/Kg | 6.1 | 0.90 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.1 | 0.22 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 6.1 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| MTBE | ND | | ug/Kg | 6.1 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.1 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethane | **0.39** | J | ug/Kg | 6.1 | 0.28 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Butanone | **5.0** | J | ug/Kg | 120 | 0.88 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,2-Dichloroethene | **1.1** | J | ug/Kg | 6.1 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.1 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroform | ND | | ug/Kg | 6.1 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 6.1 | 0.22 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.1 | 0.18 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.1 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 6.1 | 0.22 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.1 | 0.17 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Benzene | **5.4** | J | ug/Kg | 6.1 | 0.22 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichloroethene | **10** | | ug/Kg | 6.1 | 0.28 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.1 | 0.41 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 6.1 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-114 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 6.1 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 6.1 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.1 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene | **3.7** | J | ug/Kg | 6.1 | 0.21 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.1 | 0.22 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.1 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.1 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Tetrachloroethene | **92** | | ug/Kg | 6.1 | 0.28 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 6.1 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.1 | 0.15 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 6.1 | 0.22 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.1 | 0.29 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethylbenzene | **0.66** | J | ug/Kg | 6.1 | 0.28 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| m,p-Xylenes | **0.84** | J | ug/Kg | 12 | 0.46 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| o-Xylene | **0.36** | J | ug/Kg | 6.1 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Styrene | ND | | ug/Kg | 6.1 | 0.16 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromoform | ND | | ug/Kg | 6.1 | 0.23 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 6.1 | 0.30 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.1 | 0.35 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.1 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 6.1 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 6.1 | 0.37 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.1 | 0.28 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 6.1 | 0.30 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 6.1 | 0.27 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 6.1 | 0.41 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.1 | 0.34 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 6.1 | 0.34 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.1 | 0.33 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.1 | 0.26 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.1 | 0.29 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 6.1 | 0.30 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.1 | 0.22 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.1 | 0.24 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.1 | 0.40 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 6.1 | 0.51 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Naphthalene | ND | | ug/Kg | 6.1 | 0.20 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.1 | 0.22 | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Xylene (total) | **1.2** | J | ug/Kg | 6.1 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 99% | | %REC | 70-145 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane-d4 | 102% | | %REC | 70-145 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene-d8 | 99% | | %REC | 70-145 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 1.2 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-30-2' | Lab ID: 432615-117 | Collected: 08/22/20 08:00 |
|---|---|---|
| | Matrix: Soil | |

| 432615-117 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 3.3 | 1.8 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **2.7** | | mg/Kg | 1.1 | 0.74 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **59** | | mg/Kg | 1.1 | 0.12 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.25** | J | mg/Kg | 0.56 | 0.074 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.56 | 0.10 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **8.7** | | mg/Kg | 1.1 | 0.11 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **3.8** | | mg/Kg | 0.56 | 0.096 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **9.8** | | mg/Kg | 1.1 | 0.47 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **6.1** | | mg/Kg | 1.1 | 0.93 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | ND | | mg/Kg | 1.1 | 0.66 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **7.0** | | mg/Kg | 1.1 | 0.29 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 3.3 | 2.0 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | ND | | mg/Kg | 0.56 | 0.18 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 3.3 | 1.2 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **20** | | mg/Kg | 1.1 | 0.29 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **27** | | mg/Kg | 5.6 | 0.83 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | ND | | mg/Kg | 0.12 | 0.034 | 0.88 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 20 | 8.0 | 2 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 20 | 8.0 | 2 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C23-C44) | **70** | B | mg/Kg | 20 | 8.0 | 2 | 251790 | 08/27/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 119% | | %REC | 70-130 | | 2 | 251790 | 08/27/20 | 08/28/20 | MES |
| Method: EPA 8082<br>Prep Method: EPA 3546 | | | | | | | | | | |
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.4 | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.8 | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.5 | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |
| **Surrogates** | | | | **Limits** | | | | | | |
| Decachlorobiphenyl (PCB) | 68% | | %REC | 19-121 | | 0.99 | 251650 | 08/25/20 | 08/26/20 | KTD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-117 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.7 | 0.16 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.7 | 0.48 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 10 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.7 | 0.16 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Acetone | **63** | J | ug/Kg | 110 | 57 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.7 | 0.84 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| MTBE | ND | | ug/Kg | 5.7 | 0.19 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 2-Butanone | **8.2** | J | ug/Kg | 110 | 0.82 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.7 | 0.19 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.7 | 0.17 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.7 | 0.16 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Benzene | **0.37** | J | ug/Kg | 5.7 | 0.20 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Trichloroethene | **0.48** | J | ug/Kg | 5.7 | 0.26 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.7 | 0.39 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.7 | 0.19 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Toluene | **0.46** | J | ug/Kg | 5.7 | 0.19 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Tetrachloroethene | **4.8** | J | ug/Kg | 5.7 | 0.26 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.7 | 0.14 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-117 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.7 | 0.27 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| m,p-Xylenes | **0.65** | J | ug/Kg | 11 | 0.43 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| o-Xylene | **0.24** | J | ug/Kg | 5.7 | 0.22 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Styrene | ND | | ug/Kg | 5.7 | 0.15 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.7 | 0.22 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.7 | 0.28 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.7 | 0.33 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.7 | 0.34 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.7 | 0.26 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.7 | 0.28 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.7 | 0.25 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.7 | 0.39 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.7 | 0.32 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.7 | 0.32 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.7 | 0.31 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.27 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.7 | 0.28 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.7 | 0.23 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.7 | 0.38 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.7 | 0.48 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Naphthalene | ND | | ug/Kg | 5.7 | 0.18 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Xylene (total) | **0.89** | J | ug/Kg | 5.7 | | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 97% | | %REC | 70-145 | | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichloroethane-d4 | 128% | | %REC | 70-145 | | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Toluene-d8 | 109% | | %REC | 70-145 | | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromofluorobenzene | 95% | | %REC | 70-145 | | 1.1 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Methylnaphthalene | ND | | ug/Kg | 500 | 190 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Naphthalene | ND | | ug/Kg | 500 | 200 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthylene | ND | | ug/Kg | 500 | 170 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthene | ND | | ug/Kg | 500 | 70 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluorene | ND | | ug/Kg | 500 | 65 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Phenanthrene | ND | | ug/Kg | 500 | 70 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Anthracene | ND | | ug/Kg | 500 | 60 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluoranthene | ND | | ug/Kg | 500 | 42 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Pyrene | ND | | ug/Kg | 500 | 39 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)anthracene | ND | | ug/Kg | 500 | 55 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-117 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chrysene | ND | | ug/Kg | 500 | 42 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(b)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(k)fluoranthene | ND | | ug/Kg | 500 | 85 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 500 | 90 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 500 | 70 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 500 | 60 | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 58% | | %REC | 27-125 | | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Fluorobiphenyl | 78% | | %REC | 30-120 | | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Terphenyl-d14 | 78% | | %REC | 33-155 | | 50 | 251693 | 08/26/20 | 08/31/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-30-5' | Lab ID: 432615-118 | Collected: 08/22/20 08:07 |
|---|---|---|
| | Matrix: Soil | |

| 432615-118 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C23-C44) | **11** | B | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 113% | | %REC | 70-130 | | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.2 | 0.12 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.2 | 0.35 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.3 | 7.3 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Freon 12 | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chloromethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 4.2 | 0.12 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromomethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chloroethane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Acetone | ND | | ug/Kg | 83 | 42 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Freon 113 | ND | | ug/Kg | 4.2 | 0.62 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| MTBE | ND | | ug/Kg | 4.2 | 0.14 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 2-Butanone | **7.9** | J | ug/Kg | 83 | 0.60 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chloroform | ND | | ug/Kg | 4.2 | 0.14 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,1-Trichloroethane | **0.40** | J | ug/Kg | 4.2 | 0.13 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.2 | 0.12 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Benzene | **8.9** | | ug/Kg | 4.2 | 0.15 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Trichloroethene | **4.5** | | ug/Kg | 4.2 | 0.19 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-118 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.2 | 0.14 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Toluene | **4.2** | | ug/Kg | 4.2 | 0.14 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Tetrachloroethene | **37** | | ug/Kg | 4.2 | 0.19 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.2 | 0.10 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.2 | 0.20 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Ethylbenzene | **0.55** | J | ug/Kg | 4.2 | 0.19 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| m,p-Xylenes | **0.56** | J | ug/Kg | 8.3 | 0.32 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| o-Xylene | **0.22** | J | ug/Kg | 4.2 | 0.16 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Styrene | ND | | ug/Kg | 4.2 | 0.11 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromoform | ND | | ug/Kg | 4.2 | 0.16 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 4.2 | 0.21 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.2 | 0.24 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 4.2 | 0.25 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.2 | 0.19 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 4.2 | 0.21 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.2 | 0.23 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.18 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.20 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 4.2 | 0.21 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.2 | 0.17 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.2 | 0.28 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 4.2 | 0.35 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Naphthalene | ND | | ug/Kg | 4.2 | 0.13 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.2 | 0.15 | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Xylene (total) | **0.77** | J | ug/Kg | 4.2 | | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichloroethane-d4 | 131% | | %REC | 70-145 | | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Toluene-d8 | 106% | | %REC | 70-145 | | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromofluorobenzene | 98% | | %REC | 70-145 | | 0.83 | 251915 | 08/31/20 | 08/31/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-31-2' | Lab ID: 432615-121 | Collected: 08/22/20 10:55 |
|---|---|---|
| | Matrix: Soil | |

| 432615-121 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 2.6 | 1.4 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **5.0** | | mg/Kg | 0.86 | 0.58 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **85** | | mg/Kg | 0.86 | 0.095 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.67** | | mg/Kg | 0.43 | 0.058 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.43 | 0.081 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **19** | | mg/Kg | 0.86 | 0.083 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **9.3** | | mg/Kg | 0.43 | 0.074 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **32** | | mg/Kg | 0.86 | 0.36 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **19** | | mg/Kg | 0.86 | 0.72 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.86 | 0.51 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **15** | | mg/Kg | 0.86 | 0.22 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 2.6 | 1.6 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | ND | | mg/Kg | 0.43 | 0.14 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 2.6 | 0.95 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **44** | | mg/Kg | 0.86 | 0.22 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **63** | | mg/Kg | 4.3 | 0.65 | 0.86 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.058** | J | mg/Kg | 0.13 | 0.035 | 0.91 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 50 | 20 | 5 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 50 | 20 | 5 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C23-C44) | **98** | B | mg/Kg | 50 | 20 | 5 | 251790 | 08/27/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 5 | 251790 | 08/27/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.0 | 0.17 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.0 | 0.50 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 12 | 10 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Freon 12 | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chloromethane | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 6.0 | 0.17 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromomethane | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chloroethane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-121 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Acetone | ND | | ug/Kg | 120 | 60 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Freon 113 | ND | | ug/Kg | 6.0 | 0.88 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| MTBE | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 2-Butanone | **7.6** | J | ug/Kg | 120 | 0.86 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chloroform | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.0 | 0.18 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.0 | 0.17 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Benzene | **0.27** | J | ug/Kg | 6.0 | 0.21 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Trichloroethene | **0.29** | J | ug/Kg | 6.0 | 0.27 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Toluene | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Tetrachloroethene | **11** | | ug/Kg | 6.0 | 0.27 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.0 | 0.14 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.29 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 12 | 0.45 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| o-Xylene | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Styrene | ND | | ug/Kg | 6.0 | 0.15 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromoform | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 6.0 | 0.30 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.35 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 6.0 | 0.36 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.30 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-121 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.33 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 6.0 | 0.33 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.0 | 0.32 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.29 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 6.0 | 0.30 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.0 | 0.39 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 6.0 | 0.50 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Naphthalene | ND | | ug/Kg | 6.0 | 0.19 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 6.0 | | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 96% | | %REC | 70-145 | | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| 1,2-Dichloroethane-d4 | 125% | | %REC | 70-145 | | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Toluene-d8 | 109% | | %REC | 70-145 | | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Bromofluorobenzene | 95% | | %REC | 70-145 | | 1.2 | 251915 | 08/31/20 | 08/31/20 | LXR |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 1,000 | 370 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Methylnaphthalene | ND | | ug/Kg | 1,000 | 380 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Naphthalene | ND | | ug/Kg | 1,000 | 400 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthylene | ND | | ug/Kg | 1,000 | 330 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluorene | ND | | ug/Kg | 1,000 | 130 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Phenanthrene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Anthracene | ND | | ug/Kg | 1,000 | 120 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluoranthene | ND | | ug/Kg | 1,000 | 84 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Pyrene | ND | | ug/Kg | 1,000 | 78 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)anthracene | ND | | ug/Kg | 1,000 | 110 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Chrysene | ND | | ug/Kg | 1,000 | 83 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(b)fluoranthene | ND | | ug/Kg | 1,000 | 170 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(k)fluoranthene | ND | | ug/Kg | 1,000 | 170 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 1,000 | 120 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 51% | | %REC | 27-125 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Fluorobiphenyl | 73% | | %REC | 30-120 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Terphenyl-d14 | 75% | | %REC | 33-155 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-31-5' | Lab ID: 432615-122 | Collected: 08/22/20 10:58 |
|---|---|---|
| | Matrix: Soil | |

| 432615-122 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C23-C44) | **14** | B | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 106% | | %REC | 70-130 | | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.4 | 0.15 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.4 | 0.46 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.6 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.4 | 0.15 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.4 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Acetone | ND | | ug/Kg | 110 | 54 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.4 | 0.80 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| MTBE | ND | | ug/Kg | 5.4 | 0.18 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Butanone | **5.6** | J | ug/Kg | 110 | 0.78 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.4 | 0.18 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1-Trichloroethane | **0.41** | J | ug/Kg | 5.4 | 0.16 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.4 | 0.15 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Benzene | **1.9** | J | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichloroethene | **2.4** | J | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.4 | 0.37 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-122 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.4 | 0.18 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene | **0.35** | J | ug/Kg | 5.4 | 0.18 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.4 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Tetrachloroethene | **39** | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.4 | 0.13 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.4 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.41 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| o-Xylene | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Styrene | ND | | ug/Kg | 5.4 | 0.14 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.4 | 0.21 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.4 | 0.27 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.4 | 0.32 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.4 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.4 | 0.33 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.4 | 0.25 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.4 | 0.27 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.4 | 0.24 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.4 | 0.37 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.4 | 0.30 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.4 | 0.30 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.4 | 0.29 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.26 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.4 | 0.27 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.4 | 0.22 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.4 | 0.36 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.4 | 0.46 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Naphthalene | ND | | ug/Kg | 5.4 | 0.17 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 5.4 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 108% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane-d4 | 101% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene-d8 | 99% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 1.1 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-32-2' | Lab ID: 432615-125 | Collected: 08/22/20 10:20 |
|---|---|---|
| | Matrix: Soil | |

| 432615-125 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 3.3 | 1.8 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **4.3** | | mg/Kg | 1.1 | 0.74 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **87** | | mg/Kg | 1.1 | 0.12 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.36** | J | mg/Kg | 0.56 | 0.074 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.56 | 0.10 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **12** | | mg/Kg | 1.1 | 0.11 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **6.7** | | mg/Kg | 0.56 | 0.096 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **19** | | mg/Kg | 1.1 | 0.47 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **12** | | mg/Kg | 1.1 | 0.93 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | ND | | mg/Kg | 1.1 | 0.66 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **14** | | mg/Kg | 1.1 | 0.29 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 3.3 | 2.0 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | ND | | mg/Kg | 0.56 | 0.18 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 3.3 | 1.2 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **34** | | mg/Kg | 1.1 | 0.29 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **49** | | mg/Kg | 5.6 | 0.83 | 1.1 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | **0.055** | J | mg/Kg | 0.13 | 0.037 | 0.95 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 200 | 80 | 20 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 200 | 80 | 20 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C23-C44) | **930** | | mg/Kg | 200 | 80 | 20 | 251790 | 08/27/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | | DO | %REC | 70-130 | | 20 | 251790 | 08/27/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.4 | 0.18 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.4 | 0.54 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 13 | 11 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 12 | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloromethane | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 6.4 | 0.18 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromomethane | ND | | ug/Kg | 6.4 | 0.28 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroethane | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-125 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Acetone | ND | | ug/Kg | 130 | 64 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 113 | ND | | ug/Kg | 6.4 | 0.95 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| MTBE | ND | | ug/Kg | 6.4 | 0.22 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Butanone | **4.6** | J | ug/Kg | 130 | 0.92 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroform | ND | | ug/Kg | 6.4 | 0.22 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.4 | 0.19 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.4 | 0.18 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Benzene | **0.24** | J | ug/Kg | 6.4 | 0.23 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.4 | 0.44 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Methyl-2-Pentanone | **0.34** | J | ug/Kg | 6.4 | 0.22 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene | ND | | ug/Kg | 6.4 | 0.22 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.4 | 0.28 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Tetrachloroethene | **8.0** | | ug/Kg | 6.4 | 0.29 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.4 | 0.15 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.4 | 0.31 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 13 | 0.49 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| o-Xylene | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Styrene | ND | | ug/Kg | 6.4 | 0.17 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromoform | ND | | ug/Kg | 6.4 | 0.24 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 6.4 | 0.32 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.4 | 0.37 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 6.4 | 0.28 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 6.4 | 0.38 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.4 | 0.29 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 6.4 | 0.32 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 6.4 | 0.28 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-125 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 6.4 | 0.44 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.4 | 0.36 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 6.4 | 0.36 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.4 | 0.35 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.4 | 0.27 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.4 | 0.31 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 6.4 | 0.32 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.4 | 0.26 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.4 | 0.42 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 6.4 | 0.54 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Naphthalene | ND | | ug/Kg | 6.4 | 0.21 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.4 | 0.23 | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 6.4 | | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane-d4 | 96% | | %REC | 70-145 | | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene-d8 | 103% | | %REC | 70-145 | | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 1.3 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 1,000 | 370 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Methylnaphthalene | ND | | ug/Kg | 1,000 | 380 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Naphthalene | ND | | ug/Kg | 1,000 | 400 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthylene | ND | | ug/Kg | 1,000 | 330 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Acenaphthene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluorene | ND | | ug/Kg | 1,000 | 130 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Phenanthrene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Anthracene | ND | | ug/Kg | 1,000 | 120 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Fluoranthene | ND | | ug/Kg | 1,000 | 84 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Pyrene | ND | | ug/Kg | 1,000 | 78 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)anthracene | ND | | ug/Kg | 1,000 | 110 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Chrysene | ND | | ug/Kg | 1,000 | 83 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(b)fluoranthene | ND | | ug/Kg | 1,000 | 170 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(k)fluoranthene | ND | | ug/Kg | 1,000 | 170 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(a)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 1,000 | 180 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 1,000 | 140 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 1,000 | 120 | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 79% | | %REC | 27-125 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| 2-Fluorobiphenyl | 83% | | %REC | 30-120 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |
| Terphenyl-d14 | 83% | | %REC | 33-155 | | 100 | 251693 | 08/26/20 | 08/31/20 | MTS |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-32-5' | Lab ID: 432615-126 | Collected: 08/22/20 10:25 |
|---|---|---|
| | Matrix: Soil | |

| 432615-126 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C23-C44) | **11** | B | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 106% | | %REC | 70-130 | | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.7 | 0.13 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.7 | 0.19 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.7 | 0.19 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.7 | 0.20 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.7 | 0.40 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.7 | 0.18 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.4 | 8.3 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 12 | ND | | ug/Kg | 4.7 | 0.22 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloromethane | ND | | ug/Kg | 4.7 | 0.20 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 4.7 | 0.13 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromomethane | ND | | ug/Kg | 4.7 | 0.21 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroethane | ND | | ug/Kg | 4.7 | 0.19 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 4.7 | 0.22 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Acetone | **56** | J | ug/Kg | 94 | 47 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Freon 113 | ND | | ug/Kg | 4.7 | 0.70 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.7 | 0.17 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Methylene Chloride | ND | | ug/Kg | 4.7 | 0.20 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| MTBE | ND | | ug/Kg | 4.7 | 0.16 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.7 | 0.18 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.7 | 0.22 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Butanone | **7.4** | J | ug/Kg | 94 | 0.68 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.7 | 0.19 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.7 | 0.18 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chloroform | ND | | ug/Kg | 4.7 | 0.16 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 4.7 | 0.17 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1-Trichloroethane | **0.36** | J | ug/Kg | 4.7 | 0.14 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.7 | 0.20 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 4.7 | 0.17 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.7 | 0.13 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Benzene | **2.8** | J | ug/Kg | 4.7 | 0.17 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Trichloroethene | **1.8** | J | ug/Kg | 4.7 | 0.22 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.7 | 0.32 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 4.7 | 0.19 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-126 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 4.7 | 0.20 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.7 | 0.16 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.7 | 0.19 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene | **0.55** | J | ug/Kg | 4.7 | 0.16 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.7 | 0.17 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.7 | 0.21 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.7 | 0.18 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Tetrachloroethene | **45** | | ug/Kg | 4.7 | 0.22 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 4.7 | 0.18 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.7 | 0.11 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 4.7 | 0.17 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.7 | 0.23 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 4.7 | 0.22 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 9.4 | 0.36 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| o-Xylene | ND | | ug/Kg | 4.7 | 0.18 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Styrene | ND | | ug/Kg | 4.7 | 0.12 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromoform | ND | | ug/Kg | 4.7 | 0.18 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 4.7 | 0.24 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.7 | 0.27 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.7 | 0.19 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 4.7 | 0.21 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 4.7 | 0.28 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.7 | 0.22 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 4.7 | 0.24 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 4.7 | 0.21 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 4.7 | 0.32 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.7 | 0.26 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 4.7 | 0.26 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.7 | 0.25 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.7 | 0.20 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.7 | 0.23 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 4.7 | 0.24 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.7 | 0.17 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.7 | 0.19 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.7 | 0.31 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 4.7 | 0.40 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Naphthalene | ND | | ug/Kg | 4.7 | 0.15 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.7 | 0.17 | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 4.7 | | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Toluene-d8 | 100% | | %REC | 70-145 | | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |
| Bromofluorobenzene | 98% | | %REC | 70-145 | | 0.94 | 251805 | 08/28/20 | 08/28/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-33-2' | Lab ID: 432615-129 | Collected: 08/22/20 10:04 |
|---|---|---|
| | Matrix: Soil | |

| 432615-129 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 6010B<br>Prep Method: EPA 3050B | | | | | | | | | | |
| Antimony | ND | | mg/Kg | 2.7 | 1.4 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Arsenic | **6.9** | | mg/Kg | 0.89 | 0.60 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Barium | **170** | | mg/Kg | 0.89 | 0.098 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Beryllium | **0.55** | | mg/Kg | 0.45 | 0.060 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cadmium | ND | | mg/Kg | 0.45 | 0.084 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Chromium | **24** | | mg/Kg | 0.89 | 0.086 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Cobalt | **11** | | mg/Kg | 0.45 | 0.077 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Copper | **47** | | mg/Kg | 0.89 | 0.38 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Lead | **12** | | mg/Kg | 0.89 | 0.75 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Molybdenum | ND | | mg/Kg | 0.89 | 0.53 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Nickel | **18** | | mg/Kg | 0.89 | 0.23 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Selenium | ND | | mg/Kg | 2.7 | 1.6 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Silver | ND | | mg/Kg | 0.45 | 0.14 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Thallium | ND | | mg/Kg | 2.7 | 0.98 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Vanadium | **45** | | mg/Kg | 0.89 | 0.23 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Zinc | **68** | | mg/Kg | 4.5 | 0.67 | 0.89 | 252358 | 09/08/20 | 09/09/20 | KLN |
| Method: EPA 7471A<br>Prep Method: METHOD | | | | | | | | | | |
| Mercury | ND | | mg/Kg | 0.13 | 0.035 | 0.91 | 252337 | 09/08/20 | 09/08/20 | JDB |
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C13-C22) | **4.5** | J | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C23-C44) | **14** | B | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 113% | | %REC | 70-130 | | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.6 | 8.5 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-129 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | **50** | J,b | ug/Kg | 96 | 48 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 4.8 | 0.71 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **7.6** | J | ug/Kg | 96 | 0.69 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | **0.25** | J | ug/Kg | 4.8 | 0.14 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **11** | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | **1.9** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromomethane | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **6.9** | | ug/Kg | 4.8 | 0.16 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **43** | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.8 | 0.12 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **0.99** | J | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **1.1** | J | ug/Kg | 9.6 | 0.37 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **0.49** | J | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 4.8 | 0.13 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 4.8 | 0.18 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.28 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.22 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.21 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-129 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.8 | 0.26 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.23 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 4.8 | 0.24 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.8 | 0.19 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.32 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 4.8 | 0.15 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **1.6** | J | ug/Kg | 4.8 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 97% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 97% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 102% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 102% | | %REC | 70-145 | | 0.96 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Method: EPA 8270C-SIM<br>Prep Method: EPA 3550C | | | | | | | | | | |
| 1-Methylnaphthalene | ND | | ug/Kg | 20 | 7.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Methylnaphthalene | ND | | ug/Kg | 20 | 7.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Naphthalene | ND | | ug/Kg | 20 | 8.0 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthylene | ND | | ug/Kg | 20 | 6.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Acenaphthene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluorene | ND | | ug/Kg | 20 | 2.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Phenanthrene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Anthracene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Fluoranthene | ND | | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Pyrene | ND | | ug/Kg | 20 | 1.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)anthracene | ND | | ug/Kg | 20 | 2.2 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Chrysene | ND | | ug/Kg | 20 | 1.7 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(b)fluoranthene | ND | | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(k)fluoranthene | **11** | B,J | ug/Kg | 20 | 3.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(a)pyrene | ND | | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 20 | 3.6 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 20 | 2.8 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 20 | 2.4 | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| **Surrogates** | | | | **Limits** | | | | | | |
| Nitrobenzene-d5 | 87% | | %REC | 27-125 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| 2-Fluorobiphenyl | 79% | | %REC | 30-120 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |
| Terphenyl-d14 | 82% | | %REC | 33-155 | | 2 | 251693 | 08/26/20 | 08/29/20 | TJW |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| Sample ID: SB-33-5' | Lab ID: 432615-130 | Collected: 08/22/20 10:07 |
|---|---|---|
| | Matrix: Soil | |

| 432615-130 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8015B<br>Prep Method: EPA 3580 | | | | | | | | | | |
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| TPH (C23-C44) | **10** | B | mg/Kg | 10 | 4.0 | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| **Surrogates** | | | | **Limits** | | | | | | |
| n-Triacontane | 109% | | %REC | 70-130 | | 1 | 251790 | 08/27/20 | 08/28/20 | MES |
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.0 | 0.17 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.0 | 0.50 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 12 | 10 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 12 | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloromethane | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Vinyl Chloride | ND | | ug/Kg | 6.0 | 0.17 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromomethane | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroethane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Acetone | ND | | ug/Kg | 120 | 60 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Freon 113 | ND | | ug/Kg | 6.0 | 0.88 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Methylene Chloride | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| MTBE | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Butanone | **10** | J | ug/Kg | 120 | 0.86 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chloroform | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromochloromethane | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.0 | 0.18 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.0 | 0.17 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Benzene | **10** | | ug/Kg | 6.0 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Trichloroethene | **1.6** | J | ug/Kg | 6.0 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromodichloromethane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432615

| 432615-130 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Dibromomethane | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 6.0 | 0.20 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene | **6.1** | | ug/Kg | 6.0 | 0.20 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Tetrachloroethene | **35** | | ug/Kg | 6.0 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Dibromochloromethane | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.0 | 0.14 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Chlorobenzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.29 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Ethylbenzene | **0.92** | J | ug/Kg | 6.0 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| m,p-Xylenes | **0.82** | J | ug/Kg | 12 | 0.45 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| o-Xylene | **0.36** | J | ug/Kg | 6.0 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Styrene | ND | | ug/Kg | 6.0 | 0.15 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromoform | ND | | ug/Kg | 6.0 | 0.23 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Isopropylbenzene | ND | | ug/Kg | 6.0 | 0.30 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.0 | 0.35 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Propylbenzene | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromobenzene | ND | | ug/Kg | 6.0 | 0.36 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.27 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.30 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/Kg | 6.0 | 0.26 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| tert-Butylbenzene | ND | | ug/Kg | 6.0 | 0.40 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.0 | 0.33 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| sec-Butylbenzene | ND | | ug/Kg | 6.0 | 0.33 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.0 | 0.32 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.25 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.29 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| n-Butylbenzene | ND | | ug/Kg | 6.0 | 0.30 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.0 | 0.24 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.0 | 0.39 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/Kg | 6.0 | 0.50 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Naphthalene | ND | | ug/Kg | 6.0 | 0.19 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.0 | 0.21 | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Xylene (total) | **1.2** | J | ug/Kg | 6.0 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| 1,2-Dichloroethane-d4 | 101% | | %REC | 70-145 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |
| Bromofluorobenzene | 102% | | %REC | 70-145 | | 1.2 | 251834 | 08/29/20 | 08/29/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432615

| | |
|---|---|
| * | Value is outside QC limits |
| B | Contamination found in associated Method Blank |
| DO | Diluted Out |
| H | Holding time was exceeded |
| J | Estimated value |
| ND | Not Detected |
| b | See narrative |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC882892** | **Batch:** | **251614** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC882892 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | | ug/Kg | 10 | 3.7 | 08/25/20 | 08/27/20 |
| 2-Methylnaphthalene | ND | | ug/Kg | 10 | 3.8 | 08/25/20 | 08/27/20 |
| Naphthalene | ND | | ug/Kg | 10 | 4.0 | 08/25/20 | 08/27/20 |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 08/25/20 | 08/27/20 |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 08/25/20 | 08/27/20 |
| Fluorene | ND | | ug/Kg | 10 | 1.3 | 08/25/20 | 08/27/20 |
| Phenanthrene | ND | | ug/Kg | 10 | 1.4 | 08/25/20 | 08/27/20 |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 08/25/20 | 08/27/20 |
| Fluoranthene | 1.3 | J | ug/Kg | 10 | 0.84 | 08/25/20 | 08/27/20 |
| Pyrene | 1.7 | J | ug/Kg | 10 | 0.78 | 08/25/20 | 08/27/20 |
| Benzo(a)anthracene | ND | | ug/Kg | 10 | 1.1 | 08/25/20 | 08/27/20 |
| Chrysene | ND | | ug/Kg | 10 | 0.83 | 08/25/20 | 08/27/20 |
| Benzo(b)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 08/25/20 | 08/27/20 |
| Benzo(k)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 08/25/20 | 08/27/20 |
| Benzo(a)pyrene | ND | | ug/Kg | 10 | 1.8 | 08/25/20 | 08/27/20 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 10 | 1.8 | 08/25/20 | 08/27/20 |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 10 | 1.4 | 08/25/20 | 08/27/20 |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 10 | 1.2 | 08/25/20 | 08/27/20 |
| **Surrogates** | | | | **Limits** | | | |
| Nitrobenzene-d5 | 46% | | %REC | 27-125 | | 08/25/20 | 08/27/20 |
| 2-Fluorobiphenyl | 43% | | %REC | 30-120 | | 08/25/20 | 08/27/20 |
| Terphenyl-d14 | 70% | | %REC | 33-155 | | 08/25/20 | 08/27/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample** | **Lab ID:** | **QC882893** | **Batch:** | **251614** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC882893 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 18.83 | 50.00 | ug/Kg | 38% | | 28-130 |
| 2-Methylnaphthalene | 18.80 | 50.00 | ug/Kg | 38% | | 33-130 |
| Naphthalene | 20.08 | 50.00 | ug/Kg | 40% | | 25-130 |
| Acenaphthylene | 20.02 | 50.00 | ug/Kg | 40% | | 28-130 |
| Acenaphthene | 19.63 | 50.00 | ug/Kg | 39% | | 32-130 |
| Fluorene | 21.58 | 50.00 | ug/Kg | 43% | | 35-130 |
| Phenanthrene | 25.11 | 50.00 | ug/Kg | 50% | | 35-132 |
| Anthracene | 26.30 | 50.00 | ug/Kg | 53% | | 34-136 |
| Fluoranthene | 31.33 | 50.00 | ug/Kg | 63% | | 34-139 |
| Pyrene | 32.18 | 50.00 | ug/Kg | 64% | | 35-134 |
| Benzo(a)anthracene | 36.16 | 50.00 | ug/Kg | 72% | | 30-132 |
| Chrysene | 30.87 | 50.00 | ug/Kg | 62% | | 29-130 |
| Benzo(b)fluoranthene | 45.90 | 50.00 | ug/Kg | 92% | b | 32-137 |
| Benzo(k)fluoranthene | 40.60 | 50.00 | ug/Kg | 81% | | 32-130 |
| Benzo(a)pyrene | 46.47 | 50.00 | ug/Kg | 93% | b | 10-138 |
| Indeno(1,2,3-cd)pyrene | 39.35 | 50.00 | ug/Kg | 79% | | 34-132 |
| Dibenz(a,h)anthracene | 37.78 | 50.00 | ug/Kg | 76% | | 32-130 |
| Benzo(g,h,i)perylene | 34.81 | 50.00 | ug/Kg | 70% | | 27-130 |
| **Surrogates** | | | | | | |
| Nitrobenzene-d5 | 22.25 | 50.00 | ug/Kg | 44% | | 27-125 |
| 2-Fluorobiphenyl | 20.60 | 50.00 | ug/Kg | 41% | | 30-120 |
| Terphenyl-d14 | 34.20 | 50.00 | ug/Kg | 68% | | 33-155 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike** | **Lab ID:** | **QC882894** | **Batch:** | **251614** |
| **Matrix (Source ID):** | **Soil (432231-026)** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC882894 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 37.80 | ND | 50.00 | ug/Kg | 76% | | 25-130 | 1 |
| 2-Methylnaphthalene | 34.16 | ND | 50.00 | ug/Kg | 68% | | 32-133 | 1 |
| Naphthalene | 36.19 | ND | 50.00 | ug/Kg | 72% | | 33-130 | 1 |
| Acenaphthylene | 41.67 | ND | 50.00 | ug/Kg | 83% | | 14-157 | 1 |
| Acenaphthene | 39.82 | ND | 50.00 | ug/Kg | 80% | | 28-134 | 1 |
| Fluorene | 43.07 | ND | 50.00 | ug/Kg | 86% | | 27-140 | 1 |
| Phenanthrene | 43.13 | 1.470 | 50.00 | ug/Kg | 83% | | 29-147 | 1 |
| Anthracene | 44.43 | ND | 50.00 | ug/Kg | 89% | | 24-156 | 1 |
| Fluoranthene | 47.97 | 0.8432 | 50.00 | ug/Kg | 94% | | 28-160 | 1 |
| Pyrene | 48.21 | 1.027 | 50.00 | ug/Kg | 94% | | 26-153 | 1 |
| Benzo(a)anthracene | 52.80 | ND | 50.00 | ug/Kg | 106% | | 26-174 | 1 |
| Chrysene | 44.61 | ND | 50.00 | ug/Kg | 89% | | 40-139 | 1 |
| Benzo(b)fluoranthene | 63.28 | ND | 50.00 | ug/Kg | 127% | b | 36-164 | 1 |
| Benzo(k)fluoranthene | 51.96 | 5.563 | 50.00 | ug/Kg | 93% | | 36-161 | 1 |
| Benzo(a)pyrene | 63.04 | 5.926 | 50.00 | ug/Kg | 114% | b | 18-173 | 1 |
| Indeno(1,2,3-cd)pyrene | 53.76 | 6.982 | 50.00 | ug/Kg | 94% | | 26-154 | 1 |
| Dibenz(a,h)anthracene | 47.99 | ND | 50.00 | ug/Kg | 96% | | 38-132 | 1 |
| Benzo(g,h,i)perylene | 47.05 | 11.37 | 50.00 | ug/Kg | 71% | | 36-130 | 1 |
| **Surrogates** | | | | | | | | |
| Nitrobenzene-d5 | 46.19 | | 50.00 | ug/Kg | 92% | | 27-125 | 1 |
| 2-Fluorobiphenyl | 41.61 | | 50.00 | ug/Kg | 83% | | 30-120 | 1 |
| Terphenyl-d14 | 49.75 | | 50.00 | ug/Kg | 100% | | 33-155 | 1 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC882895** | **Batch:** | **251614** |
| **Matrix (Source ID):** | **Soil (432231-026)** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC882895 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 40.21 | ND | 50.00 | ug/Kg | 80% | | 25-130 | 6 | 35 | 1 |
| 2-Methylnaphthalene | 36.95 | ND | 50.00 | ug/Kg | 74% | | 32-133 | 8 | 35 | 1 |
| Naphthalene | 39.13 | ND | 50.00 | ug/Kg | 78% | | 33-130 | 8 | 35 | 1 |
| Acenaphthylene | 42.87 | ND | 50.00 | ug/Kg | 86% | | 14-157 | 3 | 35 | 1 |
| Acenaphthene | 42.96 | ND | 50.00 | ug/Kg | 86% | | 28-134 | 8 | 35 | 1 |
| Fluorene | 45.65 | ND | 50.00 | ug/Kg | 91% | | 27-140 | 6 | 35 | 1 |
| Phenanthrene | 44.21 | 1.470 | 50.00 | ug/Kg | 85% | | 29-147 | 2 | 35 | 1 |
| Anthracene | 46.07 | ND | 50.00 | ug/Kg | 92% | | 24-156 | 4 | 35 | 1 |
| Fluoranthene | 49.98 | 0.8432 | 50.00 | ug/Kg | 98% | | 28-160 | 4 | 35 | 1 |
| Pyrene | 50.02 | 1.027 | 50.00 | ug/Kg | 98% | | 26-153 | 4 | 35 | 1 |
| Benzo(a)anthracene | 55.66 | ND | 50.00 | ug/Kg | 111% | | 26-174 | 5 | 35 | 1 |
| Chrysene | 46.85 | ND | 50.00 | ug/Kg | 94% | | 40-139 | 5 | 35 | 1 |
| Benzo(b)fluoranthene | 71.42 | ND | 50.00 | ug/Kg | 143% | b | 36-164 | 12 | 35 | 1 |
| Benzo(k)fluoranthene | 60.79 | 5.563 | 50.00 | ug/Kg | 110% | | 36-161 | 16 | 35 | 1 |
| Benzo(a)pyrene | 71.54 | 5.926 | 50.00 | ug/Kg | 131% | b | 18-173 | 13 | 35 | 1 |
| Indeno(1,2,3-cd)pyrene | 58.10 | 6.982 | 50.00 | ug/Kg | 102% | | 26-154 | 8 | 35 | 1 |
| Dibenz(a,h)anthracene | 51.16 | ND | 50.00 | ug/Kg | 102% | | 38-132 | 6 | 35 | 1 |
| Benzo(g,h,i)perylene | 50.64 | 11.37 | 50.00 | ug/Kg | 79% | | 36-130 | 7 | 35 | 1 |
| **Surrogates** | | | | | | | | | | |
| Nitrobenzene-d5 | 48.83 | | 50.00 | ug/Kg | 98% | | 27-125 | | | 1 |
| 2-Fluorobiphenyl | 46.01 | | 50.00 | ug/Kg | 92% | | 30-120 | | | 1 |
| Terphenyl-d14 | 52.25 | | 50.00 | ug/Kg | 105% | | 33-155 | | | 1 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC882934** | **Batch:** | **251650** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8082** | **Prep Method:** | **EPA 3546** |

| QC882934 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 08/25/20 | 08/26/20 |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 08/25/20 | 08/26/20 |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 08/25/20 | 08/26/20 |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 08/25/20 | 08/26/20 |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 08/25/20 | 08/26/20 |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 08/25/20 | 08/26/20 |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 08/25/20 | 08/26/20 |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 08/25/20 | 08/26/20 |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 08/25/20 | 08/26/20 |
| **Surrogates** | | | | **Limits** | | | |
| Decachlorobiphenyl (PCB) | 69% | | %REC | 19-121 | | 08/25/20 | 08/26/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type:** Lab Control Sample | **Lab ID:** QC882935 | **Batch:** 251650 |
| **Matrix:** Soil | **Method:** EPA 8082 | **Prep Method:** EPA 3546 |

| QC882935 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Aroclor-1016 | 376.5 | 500.0 | ug/Kg | 75% | | 14-150 |
| Aroclor-1260 | 373.2 | 500.0 | ug/Kg | 75% | | 10-150 |
| **Surrogates** | | | | | | |
| Decachlorobiphenyl (PCB) | 37.45 | 50.00 | ug/Kg | 75% | | 19-121 |

| | | |
|---|---|---|
| **Type:** Matrix Spike | **Lab ID:** QC882936 | **Batch:** 251650 |
| **Matrix (Source ID):** Soil (432231-013) | **Method:** EPA 8082 | **Prep Method:** EPA 3546 |

| QC882936 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 407.9 | ND | 500.0 | ug/Kg | 82% | | 42-127 | 1 |
| Aroclor-1260 | 385.7 | ND | 500.0 | ug/Kg | 77% | | 38-130 | 1 |
| **Surrogates** | | | | | | | | |
| Decachlorobiphenyl (PCB) | 37.98 | | 50.00 | ug/Kg | 76% | | 19-121 | 1 |

| | | |
|---|---|---|
| **Type:** Matrix Spike Duplicate | **Lab ID:** QC882937 | **Batch:** 251650 |
| **Matrix (Source ID):** Soil (432231-013) | **Method:** EPA 8082 | **Prep Method:** EPA 3546 |

| QC882937 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 444.8 | ND | 495.0 | ug/Kg | 90% | | 42-127 | 10 | 30 | 0.99 |
| Aroclor-1260 | 437.1 | ND | 495.0 | ug/Kg | 88% | | 38-130 | 13 | 30 | 0.99 |
| **Surrogates** | | | | | | | | | | |
| Decachlorobiphenyl (PCB) | 43.65 | | 49.50 | ug/Kg | 88% | | 19-121 | | | 0.99 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | |
|---|---|---|---|
| **Type:** Blank | **Lab ID:** QC882951 | **Batch:** 251658 | |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5030B | |

| QC882951 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.9 | 08/26/20 | 08/26/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.7 | 08/26/20 | 08/26/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 08/26/20 | 08/26/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 08/26/20 | 08/26/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.7 | 08/26/20 | 08/26/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/26/20 | 08/26/20 |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.7 | 08/26/20 | 08/26/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 3.2 | 08/26/20 | 08/26/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.2 | 08/26/20 | 08/26/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.6 | 08/26/20 | 08/26/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.6 | 08/26/20 | 08/26/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 1.9 | 08/26/20 | 08/26/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.6 | 08/26/20 | 08/26/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.6 | 08/26/20 | 08/26/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |

ENTHALPY ANALYTICAL

# Batch QC

| QC882951 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.8 | 08/26/20 | 08/26/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.7 | 08/26/20 | 08/26/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.4 | 08/26/20 | 08/26/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/26/20 | 08/26/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.7 | 08/26/20 | 08/26/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.6 | 08/26/20 | 08/26/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.9 | 08/26/20 | 08/26/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.6 | 08/26/20 | 08/26/20 |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.9 | 08/26/20 | 08/26/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.5 | 08/26/20 | 08/26/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 08/26/20 | 08/26/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 98% | | %REC | 70-130 | 1.3 | 08/26/20 | 08/26/20 |
| 1,2-Dichloroethane-d4 | 98% | | %REC | 70-145 | | 08/26/20 | 08/26/20 |
| Toluene-d8 | 101% | | %REC | 70-145 | | 08/26/20 | 08/26/20 |
| Bromofluorobenzene | 93% | | %REC | 70-145 | 1.5 | 08/26/20 | 08/26/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC882952 | Batch: 251658 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC882952 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 38.88 | 50.00 | ug/Kg | 78% | | 70-131 |
| MTBE | 41.67 | 50.00 | ug/Kg | 83% | | 69-130 |
| Benzene | 39.36 | 50.00 | ug/Kg | 79% | | 70-130 |
| Trichloroethene | 40.55 | 50.00 | ug/Kg | 81% | | 70-130 |
| Toluene | 38.96 | 50.00 | ug/Kg | 78% | | 70-130 |
| Chlorobenzene | 40.01 | 50.00 | ug/Kg | 80% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 48.66 | 50.00 | ug/Kg | 97% | | 70-130 |
| 1,2-Dichloroethane-d4 | 47.73 | 50.00 | ug/Kg | 95% | | 70-145 |
| Toluene-d8 | 51.30 | 50.00 | ug/Kg | 103% | | 70-145 |
| Bromofluorobenzene | 50.49 | 50.00 | ug/Kg | 101% | | 70-145 |

| Type: Lab Control Sample Duplicate | Lab ID: QC882953 | Batch: 251658 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC882953 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 38.75 | 50.00 | ug/Kg | 78% | | 70-131 | 0 | 33 |
| MTBE | 41.60 | 50.00 | ug/Kg | 83% | | 69-130 | 0 | 30 |
| Benzene | 38.95 | 50.00 | ug/Kg | 78% | | 70-130 | 1 | 30 |
| Trichloroethene | 40.78 | 50.00 | ug/Kg | 82% | | 70-130 | 1 | 30 |
| Toluene | 38.89 | 50.00 | ug/Kg | 78% | | 70-130 | 0 | 30 |
| Chlorobenzene | 39.88 | 50.00 | ug/Kg | 80% | | 70-130 | 0 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 48.99 | 50.00 | ug/Kg | 98% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 47.71 | 50.00 | ug/Kg | 95% | | 70-145 | | |
| Toluene-d8 | 51.94 | 50.00 | ug/Kg | 104% | | 70-145 | | |
| Bromofluorobenzene | 50.49 | 50.00 | ug/Kg | 101% | | 70-145 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type:** Blank | **Lab ID:** QC882954 | **Batch:** 251658 |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5030B |

| QC882954 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 250 | 18 | 08/26/20 | 08/26/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 250 | 32 | 08/26/20 | 08/26/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 250 | 24 | 08/26/20 | 08/26/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 250 | 7.7 | 08/26/20 | 08/26/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 250 | 6.6 | 08/26/20 | 08/26/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 250 | 6.1 | 08/26/20 | 08/26/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 500 | 82 | 08/26/20 | 08/26/20 |
| Freon 12 | ND | | ug/Kg | 250 | 3.8 | 08/26/20 | 08/26/20 |
| Chloromethane | 48 | J | ug/Kg | 250 | 6.8 | 08/26/20 | 08/26/20 |
| Vinyl Chloride | ND | | ug/Kg | 250 | 5.3 | 08/26/20 | 08/26/20 |
| Bromomethane | 180 | J | ug/Kg | 250 | 6.6 | 08/26/20 | 08/26/20 |
| Chloroethane | ND | | ug/Kg | 250 | 9.4 | 08/26/20 | 08/26/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 250 | 8.5 | 08/26/20 | 08/26/20 |
| Acetone | 370 | J | ug/Kg | 5,000 | 270 | 08/26/20 | 08/26/20 |
| Freon 113 | ND | | ug/Kg | 250 | 18 | 08/26/20 | 08/26/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 250 | 5.1 | 08/26/20 | 08/26/20 |
| Methylene Chloride | ND | | ug/Kg | 250 | 10 | 08/26/20 | 08/26/20 |
| MTBE | ND | | ug/Kg | 250 | 5.8 | 08/26/20 | 08/26/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 250 | 5.0 | 08/26/20 | 08/26/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 250 | 7.7 | 08/26/20 | 08/26/20 |
| 2-Butanone | 3,300 | J | ug/Kg | 5,000 | 48 | 08/26/20 | 08/26/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 250 | 6.5 | 08/26/20 | 08/26/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 250 | 7.3 | 08/26/20 | 08/26/20 |
| Chloroform | ND | | ug/Kg | 250 | 6.6 | 08/26/20 | 08/26/20 |
| Bromochloromethane | ND | | ug/Kg | 250 | 15 | 08/26/20 | 08/26/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 250 | 8.8 | 08/26/20 | 08/26/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 250 | 7.5 | 08/26/20 | 08/26/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 250 | 8.0 | 08/26/20 | 08/26/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 250 | 4.8 | 08/26/20 | 08/26/20 |
| Benzene | ND | | ug/Kg | 250 | 4.4 | 08/26/20 | 08/26/20 |
| Trichloroethene | ND | | ug/Kg | 250 | 9.8 | 08/26/20 | 08/26/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 250 | 8.1 | 08/26/20 | 08/26/20 |
| Bromodichloromethane | ND | | ug/Kg | 250 | 9.0 | 08/26/20 | 08/26/20 |
| Dibromomethane | ND | | ug/Kg | 250 | 22 | 08/26/20 | 08/26/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 250 | 23 | 08/26/20 | 08/26/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 250 | 5.9 | 08/26/20 | 08/26/20 |
| Toluene | ND | | ug/Kg | 250 | 7.0 | 08/26/20 | 08/26/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 250 | 9.2 | 08/26/20 | 08/26/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 250 | 13 | 08/26/20 | 08/26/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 250 | 5.7 | 08/26/20 | 08/26/20 |
| Tetrachloroethene | ND | | ug/Kg | 250 | 5.3 | 08/26/20 | 08/26/20 |
| Dibromochloromethane | ND | | ug/Kg | 250 | 8.1 | 08/26/20 | 08/26/20 |

ENTHALPY ANALYTICAL

# Batch QC

| QC882954 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 250 | 11 | 08/26/20 | 08/26/20 |
| Chlorobenzene | ND | | ug/Kg | 250 | 5.4 | 08/26/20 | 08/26/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 250 | 9.7 | 08/26/20 | 08/26/20 |
| Ethylbenzene | 3.8 | J | ug/Kg | 250 | 3.7 | 08/26/20 | 08/26/20 |
| m,p-Xylenes | ND | | ug/Kg | 500 | 10 | 08/26/20 | 08/26/20 |
| o-Xylene | 5.3 | J | ug/Kg | 250 | 4.6 | 08/26/20 | 08/26/20 |
| Styrene | 4.1 | J | ug/Kg | 250 | 2.9 | 08/26/20 | 08/26/20 |
| Bromoform | ND | | ug/Kg | 250 | 10 | 08/26/20 | 08/26/20 |
| Isopropylbenzene | ND | | ug/Kg | 250 | 4.2 | 08/26/20 | 08/26/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 250 | 10 | 08/26/20 | 08/26/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 250 | 4.3 | 08/26/20 | 08/26/20 |
| Propylbenzene | 4.6 | J | ug/Kg | 250 | 4.2 | 08/26/20 | 08/26/20 |
| Bromobenzene | ND | | ug/Kg | 250 | 8.1 | 08/26/20 | 08/26/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 250 | 5.7 | 08/26/20 | 08/26/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 250 | 5.3 | 08/26/20 | 08/26/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 250 | 5.2 | 08/26/20 | 08/26/20 |
| tert-Butylbenzene | ND | | ug/Kg | 250 | 4.5 | 08/26/20 | 08/26/20 |
| 1,2,4-Trimethylbenzene | 5.1 | J | ug/Kg | 250 | 3.8 | 08/26/20 | 08/26/20 |
| sec-Butylbenzene | 4.7 | J | ug/Kg | 250 | 3.4 | 08/26/20 | 08/26/20 |
| para-Isopropyl Toluene | 4.9 | J | ug/Kg | 250 | 4.0 | 08/26/20 | 08/26/20 |
| 1,3-Dichlorobenzene | 5.6 | J | ug/Kg | 250 | 4.5 | 08/26/20 | 08/26/20 |
| 1,4-Dichlorobenzene | 6.9 | J | ug/Kg | 250 | 5.8 | 08/26/20 | 08/26/20 |
| n-Butylbenzene | 8.6 | J | ug/Kg | 250 | 4.2 | 08/26/20 | 08/26/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 250 | 5.2 | 08/26/20 | 08/26/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 250 | 6.0 | 08/26/20 | 08/26/20 |
| 1,2,4-Trichlorobenzene | 11 | J | ug/Kg | 250 | 4.8 | 08/26/20 | 08/26/20 |
| Hexachlorobutadiene | 7.2 | J | ug/Kg | 250 | 4.8 | 08/26/20 | 08/26/20 |
| Naphthalene | 27 | J | ug/Kg | 250 | 8.4 | 08/26/20 | 08/26/20 |
| 1,2,3-Trichlorobenzene | 12 | J | ug/Kg | 250 | 5.0 | 08/26/20 | 08/26/20 |
| Xylene (total) | 5.3 | J | ug/Kg | 250 | | 08/26/20 | 08/26/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 99% | | %REC | 70-130 | | 08/26/20 | 08/26/20 |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 08/26/20 | 08/26/20 |
| Toluene-d8 | 97% | | %REC | 70-145 | | 08/26/20 | 08/26/20 |
| Bromofluorobenzene | 90% | | %REC | 70-145 | | 08/26/20 | 08/26/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | |
|---|---|---|---|
| **Type:** Blank | **Lab ID:** QC882955 | **Batch:** 251659 | |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5030B | |

| QC882955 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.1 | 08/27/20 | 08/27/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.4 | 08/27/20 | 08/27/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 08/27/20 | 08/27/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.1 | 08/27/20 | 08/27/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 08/27/20 | 08/27/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.7 | 08/27/20 | 08/27/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 0.7 | 08/27/20 | 08/27/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.1 | 08/27/20 | 08/27/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC882955 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.1 | 08/27/20 | 08/27/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.4 | 08/27/20 | 08/27/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.1 | 08/27/20 | 08/27/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/27/20 | 08/27/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.4 | 08/27/20 | 08/27/20 |
| Naphthalene | 0.2 | J | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/27/20 | 08/27/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 08/27/20 | 08/27/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 99% | | %REC | 70-130 | | 08/27/20 | 08/27/20 |
| 1,2-Dichloroethane-d4 | 96% | | %REC | 70-145 | | 08/27/20 | 08/27/20 |
| Toluene-d8 | 99% | | %REC | 70-145 | | 08/27/20 | 08/27/20 |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 08/27/20 | 08/27/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC882956 | Batch: 251659 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC882956 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 46.99 | 50.00 | ug/Kg | 94% | | 70-131 |
| MTBE | 46.17 | 50.00 | ug/Kg | 92% | | 69-130 |
| Benzene | 46.33 | 50.00 | ug/Kg | 93% | | 70-130 |
| Trichloroethene | 45.95 | 50.00 | ug/Kg | 92% | | 70-130 |
| Toluene | 46.70 | 50.00 | ug/Kg | 93% | | 70-130 |
| Chlorobenzene | 47.89 | 50.00 | ug/Kg | 96% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 50.59 | 50.00 | ug/Kg | 101% | | 70-130 |
| 1,2-Dichloroethane-d4 | 48.17 | 50.00 | ug/Kg | 96% | | 70-145 |
| Toluene-d8 | 50.26 | 50.00 | ug/Kg | 101% | | 70-145 |
| Bromofluorobenzene | 50.41 | 50.00 | ug/Kg | 101% | | 70-145 |

| Type: Lab Control Sample Duplicate | Lab ID: QC882957 | Batch: 251659 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC882957 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 37.87 | 50.00 | ug/Kg | 76% | | 70-131 | 21 | 33 |
| MTBE | 41.71 | 50.00 | ug/Kg | 83% | | 69-130 | 10 | 30 |
| Benzene | 42.50 | 50.00 | ug/Kg | 85% | | 70-130 | 9 | 30 |
| Trichloroethene | 43.61 | 50.00 | ug/Kg | 87% | | 70-130 | 5 | 30 |
| Toluene | 42.55 | 50.00 | ug/Kg | 85% | | 70-130 | 9 | 30 |
| Chlorobenzene | 42.31 | 50.00 | ug/Kg | 85% | | 70-130 | 12 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 50.33 | 50.00 | ug/Kg | 101% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 48.60 | 50.00 | ug/Kg | 97% | | 70-145 | | |
| Toluene-d8 | 49.99 | 50.00 | ug/Kg | 100% | | 70-145 | | |
| Bromofluorobenzene | 46.45 | 50.00 | ug/Kg | 93% | | 70-145 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC883033** | **Batch:** | **251693** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC883033 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | | ug/Kg | 10 | 3.7 | 08/26/20 | 08/29/20 |
| 2-Methylnaphthalene | ND | | ug/Kg | 10 | 3.8 | 08/26/20 | 08/29/20 |
| Naphthalene | ND | | ug/Kg | 10 | 4.0 | 08/26/20 | 08/29/20 |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 08/26/20 | 08/29/20 |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 08/26/20 | 08/29/20 |
| Fluorene | ND | | ug/Kg | 10 | 1.3 | 08/26/20 | 08/29/20 |
| Phenanthrene | 1.6 | J | ug/Kg | 10 | 1.4 | 08/26/20 | 08/29/20 |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 08/26/20 | 08/29/20 |
| Fluoranthene | 1.6 | J | ug/Kg | 10 | 0.84 | 08/26/20 | 08/29/20 |
| Pyrene | 2.2 | J | ug/Kg | 10 | 0.78 | 08/26/20 | 08/29/20 |
| Benzo(a)anthracene | ND | | ug/Kg | 10 | 1.1 | 08/26/20 | 08/29/20 |
| Chrysene | 0.90 | J | ug/Kg | 10 | 0.83 | 08/26/20 | 08/29/20 |
| Benzo(b)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 08/26/20 | 08/29/20 |
| Benzo(k)fluoranthene | 5.6 | J | ug/Kg | 10 | 1.7 | 08/26/20 | 08/29/20 |
| Benzo(a)pyrene | 6.3 | J,b | ug/Kg | 10 | 1.8 | 08/26/20 | 08/29/20 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 10 | 1.8 | 08/26/20 | 08/29/20 |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 10 | 1.4 | 08/26/20 | 08/29/20 |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 10 | 1.2 | 08/26/20 | 08/29/20 |
| **Surrogates** | | | | **Limits** | | | |
| Nitrobenzene-d5 | 47% | | %REC | 27-125 | | 08/26/20 | 08/29/20 |
| 2-Fluorobiphenyl | 38% | | %REC | 30-120 | | 08/26/20 | 08/29/20 |
| Terphenyl-d14 | 57% | | %REC | 33-155 | | 08/26/20 | 08/29/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample** | **Lab ID:** | **QC883034** | **Batch:** | **251693** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC883034 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 20.61 | 50.00 | ug/Kg | 41% | | 28-130 |
| 2-Methylnaphthalene | 20.10 | 50.00 | ug/Kg | 40% | | 33-130 |
| Naphthalene | 20.61 | 50.00 | ug/Kg | 41% | | 25-130 |
| Acenaphthylene | 21.79 | 50.00 | ug/Kg | 44% | | 28-130 |
| Acenaphthene | 19.30 | 50.00 | ug/Kg | 39% | | 32-130 |
| Fluorene | 21.92 | 50.00 | ug/Kg | 44% | | 35-130 |
| Phenanthrene | 21.51 | 50.00 | ug/Kg | 43% | | 35-132 |
| Anthracene | 21.83 | 50.00 | ug/Kg | 44% | | 34-136 |
| Fluoranthene | 24.22 | 50.00 | ug/Kg | 48% | | 34-139 |
| Pyrene | 24.96 | 50.00 | ug/Kg | 50% | | 35-134 |
| Benzo(a)anthracene | 23.77 | 50.00 | ug/Kg | 48% | | 30-132 |
| Chrysene | 21.01 | 50.00 | ug/Kg | 42% | | 29-130 |
| Benzo(b)fluoranthene | 32.14 | 50.00 | ug/Kg | 64% | b | 32-137 |
| Benzo(k)fluoranthene | 28.63 | 50.00 | ug/Kg | 57% | | 32-130 |
| Benzo(a)pyrene | 31.09 | 50.00 | ug/Kg | 62% | b | 10-138 |
| Indeno(1,2,3-cd)pyrene | 25.06 | 50.00 | ug/Kg | 50% | | 34-132 |
| Dibenz(a,h)anthracene | 28.04 | 50.00 | ug/Kg | 56% | | 32-130 |
| Benzo(g,h,i)perylene | 23.48 | 50.00 | ug/Kg | 47% | | 27-130 |
| **Surrogates** | | | | | | |
| Nitrobenzene-d5 | 27.32 | 50.00 | ug/Kg | 55% | | 27-125 |
| 2-Fluorobiphenyl | 23.05 | 50.00 | ug/Kg | 46% | | 30-120 |
| Terphenyl-d14 | 27.01 | 50.00 | ug/Kg | 54% | | 33-155 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike** | **Lab ID:** | **QC883035** | **Batch:** | **251693** |
| **Matrix (Source ID):** | **Soil (432615-005)** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC883035 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 30.19 | ND | 100.0 | ug/Kg | 30% | | 25-130 | 2 |
| 2-Methylnaphthalene | 66.77 | ND | 100.0 | ug/Kg | 67% | | 32-133 | 2 |
| Naphthalene | 64.76 | ND | 100.0 | ug/Kg | 65% | | 33-130 | 2 |
| Acenaphthylene | 68.03 | ND | 100.0 | ug/Kg | 68% | | 14-157 | 2 |
| Acenaphthene | 69.02 | ND | 100.0 | ug/Kg | 69% | | 28-134 | 2 |
| Fluorene | 73.97 | ND | 100.0 | ug/Kg | 74% | | 27-140 | 2 |
| Phenanthrene | 75.85 | ND | 100.0 | ug/Kg | 76% | | 29-147 | 2 |
| Anthracene | 77.21 | ND | 100.0 | ug/Kg | 77% | | 24-156 | 2 |
| Fluoranthene | 75.77 | ND | 100.0 | ug/Kg | 76% | | 28-160 | 2 |
| Pyrene | 75.27 | 1.613 | 100.0 | ug/Kg | 74% | | 26-153 | 2 |
| Benzo(a)anthracene | 89.54 | ND | 100.0 | ug/Kg | 90% | | 26-174 | 2 |
| Chrysene | 76.94 | ND | 100.0 | ug/Kg | 77% | | 40-139 | 2 |
| Benzo(b)fluoranthene | 106.4 | ND | 100.0 | ug/Kg | 106% | b | 36-164 | 2 |
| Benzo(k)fluoranthene | 93.07 | 10.65 | 100.0 | ug/Kg | 82% | | 36-161 | 2 |
| Benzo(a)pyrene | 117.8 | ND | 100.0 | ug/Kg | 118% | b | 18-173 | 2 |
| Indeno(1,2,3-cd)pyrene | 95.88 | ND | 100.0 | ug/Kg | 96% | | 26-154 | 2 |
| Dibenz(a,h)anthracene | 84.89 | ND | 100.0 | ug/Kg | 85% | | 38-132 | 2 |
| Benzo(g,h,i)perylene | 85.70 | ND | 100.0 | ug/Kg | 86% | | 36-130 | 2 |
| **Surrogates** | | | | | | | | |
| Nitrobenzene-d5 | 65.63 | | 100.0 | ug/Kg | 66% | | 27-125 | 2 |
| 2-Fluorobiphenyl | 71.76 | | 100.0 | ug/Kg | 72% | | 30-120 | 2 |
| Terphenyl-d14 | 80.11 | | 100.0 | ug/Kg | 80% | | 33-155 | 2 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC883036** | **Batch:** | **251693** |
| **Matrix (Source ID):** | **Soil (432615-005)** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC883036 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 45.09 | ND | 100.0 | ug/Kg | 45% | | 25-130 | 40* | 35 | 2 |
| 2-Methylnaphthalene | 50.17 | ND | 100.0 | ug/Kg | 50% | | 32-133 | 28 | 35 | 2 |
| Naphthalene | 47.19 | ND | 100.0 | ug/Kg | 47% | | 33-130 | 31 | 35 | 2 |
| Acenaphthylene | 46.15 | ND | 100.0 | ug/Kg | 46% | | 14-157 | 38* | 35 | 2 |
| Acenaphthene | 44.62 | ND | 100.0 | ug/Kg | 45% | | 28-134 | 43* | 35 | 2 |
| Fluorene | 48.69 | ND | 100.0 | ug/Kg | 49% | | 27-140 | 41* | 35 | 2 |
| Phenanthrene | 54.25 | ND | 100.0 | ug/Kg | 54% | | 29-147 | 33 | 35 | 2 |
| Anthracene | 55.96 | ND | 100.0 | ug/Kg | 56% | | 24-156 | 32 | 35 | 2 |
| Fluoranthene | 59.04 | ND | 100.0 | ug/Kg | 59% | | 28-160 | 25 | 35 | 2 |
| Pyrene | 57.80 | 1.613 | 100.0 | ug/Kg | 56% | | 26-153 | 26 | 35 | 2 |
| Benzo(a)anthracene | 69.49 | ND | 100.0 | ug/Kg | 69% | | 26-174 | 25 | 35 | 2 |
| Chrysene | 59.55 | ND | 100.0 | ug/Kg | 60% | | 40-139 | 25 | 35 | 2 |
| Benzo(b)fluoranthene | 78.89 | ND | 100.0 | ug/Kg | 79% | b | 36-164 | 30 | 35 | 2 |
| Benzo(k)fluoranthene | 71.00 | 10.65 | 100.0 | ug/Kg | 60% | | 36-161 | 27 | 35 | 2 |
| Benzo(a)pyrene | 83.50 | ND | 100.0 | ug/Kg | 84% | b | 18-173 | 34 | 35 | 2 |
| Indeno(1,2,3-cd)pyrene | 72.13 | ND | 100.0 | ug/Kg | 72% | | 26-154 | 28 | 35 | 2 |
| Dibenz(a,h)anthracene | 70.42 | ND | 100.0 | ug/Kg | 70% | | 38-132 | 19 | 35 | 2 |
| Benzo(g,h,i)perylene | 64.15 | ND | 100.0 | ug/Kg | 64% | | 36-130 | 29 | 35 | 2 |
| **Surrogates** | | | | | | | | | | |
| Nitrobenzene-d5 | 60.35 | | 100.0 | ug/Kg | 60% | | 27-125 | | | 2 |
| 2-Fluorobiphenyl | 49.60 | | 100.0 | ug/Kg | 50% | | 30-120 | | | 2 |
| Terphenyl-d14 | 62.01 | | 100.0 | ug/Kg | 62% | | 33-155 | | | 2 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC883050** | **Batch:** | **251698** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8015B** | **Prep Method:** | **EPA 3580** |

| QC883050 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 08/26/20 | 08/26/20 |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 08/26/20 | 08/26/20 |
| TPH (C23-C44) | 6.4 | J | mg/Kg | 10 | 4.0 | 08/26/20 | 08/26/20 |
| **Surrogates** | | | | **Limits** | | | |
| n-Triacontane | 102% | | %REC | 70-130 | | 08/26/20 | 08/26/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC883051 | Batch: 251698 |
|---|---|---|
| Matrix: Soil | Method: EPA 8015B | Prep Method: EPA 3580 |

| QC883051 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Diesel C10-C28 | 244.9 | 248.8 | mg/Kg | 98% | | 76-122 |
| **Surrogates** | | | | | | |
| n-Triacontane | 9.528 | 9.950 | mg/Kg | 96% | | 70-130 |

| Type: Matrix Spike | Lab ID: QC883052 | Batch: 251698 |
|---|---|---|
| Matrix (Source ID): Soil (432615-002) | Method: EPA 8015B | Prep Method: EPA 3580 |

| QC883052 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Diesel C10-C28 | 249.5 | 6.725 | 251.3 | mg/Kg | 97% | | 62-126 | 1 |
| **Surrogates** | | | | | | | | |
| n-Triacontane | 10.27 | | 10.05 | mg/Kg | 102% | | 70-130 | 1 |

| Type: Matrix Spike Duplicate | Lab ID: QC883053 | Batch: 251698 |
|---|---|---|
| Matrix (Source ID): Soil (432615-002) | Method: EPA 8015B | Prep Method: EPA 3580 |

| QC883053 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel C10-C28 | 244.6 | 6.725 | 251.3 | mg/Kg | 95% | | 62-126 | 2 | 35 | 1 |
| **Surrogates** | | | | | | | | | | |
| n-Triacontane | 10.01 | | 10.05 | mg/Kg | 100% | | 70-130 | | | 1 |

| Type: Blank | Lab ID: QC883107 | Batch: 251720 |
|---|---|---|
| Matrix: Soil | Method: EPA 8015B | Prep Method: EPA 3580 |

| QC883107 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 08/26/20 | 08/28/20 |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 08/26/20 | 08/28/20 |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 08/26/20 | 08/28/20 |
| **Surrogates** | | | | **Limits** | | | |
| n-Triacontane | 108% | | %REC | 70-130 | | 08/26/20 | 08/28/20 |

| Type: Lab Control Sample | Lab ID: QC883108 | Batch: 251720 |
|---|---|---|
| Matrix: Soil | Method: EPA 8015B | Prep Method: EPA 3580 |

| QC883108 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Diesel C10-C28 | 256.5 | 250.0 | mg/Kg | 103% | | 76-122 |
| **Surrogates** | | | | | | |
| n-Triacontane | 11.01 | 10.00 | mg/Kg | 110% | | 70-130 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: | Matrix Spike | Lab ID: | QC883109 | Batch: | 251720 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-034) | Method: | EPA 8015B | Prep Method: | EPA 3580 |

| QC883109 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Diesel C10-C28 | 251.1 | 4.069 | 250.0 | mg/Kg | 99% | | 62-126 | 1 |
| **Surrogates** | | | | | | | | |
| n-Triacontane | 11.24 | | 10.00 | mg/Kg | 112% | | 70-130 | 1 |

| Type: | Matrix Spike Duplicate | Lab ID: | QC883110 | Batch: | 251720 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-034) | Method: | EPA 8015B | Prep Method: | EPA 3580 |

| QC883110 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel C10-C28 | 251.4 | 4.069 | 250.0 | mg/Kg | 99% | | 62-126 | 0 | 35 | 1 |
| **Surrogates** | | | | | | | | | | |
| n-Triacontane | 11.02 | | 10.00 | mg/Kg | 110% | | 70-130 | | | 1 |

| Type: | Blank | Lab ID: | QC883258 | Batch: | 251778 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 8015B | Prep Method: | EPA 3580 |

| QC883258 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 08/27/20 | 08/31/20 |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 08/27/20 | 08/31/20 |
| TPH (C23-C44) | ND | | mg/Kg | 10 | 4.0 | 08/27/20 | 08/31/20 |
| **Surrogates** | | | | **Limits** | | | |
| n-Triacontane | 120% | | %REC | 70-130 | | 08/27/20 | 08/31/20 |

| Type: | Lab Control Sample | Lab ID: | QC883259 | Batch: | 251778 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 8015B | Prep Method: | EPA 3580 |

| QC883259 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Diesel C10-C28 | 253.2 | 250.0 | mg/Kg | 101% | | 76-122 |
| **Surrogates** | | | | | | |
| n-Triacontane | 11.68 | 10.00 | mg/Kg | 117% | | 70-130 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike** | **Lab ID:** | **QC883260** | **Batch:** | **251778** |
| **Matrix (Source ID):** | **Soil (432615-078)** | **Method:** | **EPA 8015B** | **Prep Method:** | **EPA 3580** |

| QC883260 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Diesel C10-C28 | 251.4 | ND | 250.0 | mg/Kg | 101% | | 62-126 | 1 |
| **Surrogates** | | | | | | | | |
| n-Triacontane | 10.99 | | 10.00 | mg/Kg | 110% | | 70-130 | 1 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC883261** | **Batch:** | **251778** |
| **Matrix (Source ID):** | **Soil (432615-078)** | **Method:** | **EPA 8015B** | **Prep Method:** | **EPA 3580** |

| QC883261 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel C10-C28 | 256.9 | ND | 250.0 | mg/Kg | 103% | | 62-126 | 2 | 35 | 1 |
| **Surrogates** | | | | | | | | | | |
| n-Triacontane | 10.90 | | 10.00 | mg/Kg | 109% | | 70-130 | | | 1 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC883298** | **Batch:** | **251790** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8015B** | **Prep Method:** | **EPA 3580** |

| QC883298 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| TPH (C6-C12) | ND | | mg/Kg | 10 | 4.0 | 08/27/20 | 08/31/20 |
| TPH (C13-C22) | ND | | mg/Kg | 10 | 4.0 | 08/27/20 | 08/31/20 |
| TPH (C23-C44) | 6.8 | J | mg/Kg | 10 | 4.0 | 08/27/20 | 08/31/20 |
| **Surrogates** | | | | **Limits** | | | |
| n-Triacontane | 115% | | %REC | 70-130 | | 08/27/20 | 08/31/20 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample** | **Lab ID:** | **QC883299** | **Batch:** | **251790** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8015B** | **Prep Method:** | **EPA 3580** |

| QC883299 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Diesel C10-C28 | 254.1 | 250.0 | mg/Kg | 102% | | 76-122 |
| **Surrogates** | | | | | | |
| n-Triacontane | 10.54 | 10.00 | mg/Kg | 105% | | 70-130 |

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike** | **Lab ID:** | **QC883300** | **Batch:** | **251790** |
| **Matrix (Source ID):** | **Soil (432615-129)** | **Method:** | **EPA 8015B** | **Prep Method:** | **EPA 3580** |

| QC883300 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Diesel C10-C28 | 246.1 | 9.804 | 251.3 | mg/Kg | 94% | | 62-126 | 1 |
| **Surrogates** | | | | | | | | |
| n-Triacontane | 10.80 | | 10.05 | mg/Kg | 107% | | 70-130 | 1 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC883301** | **Batch:** | **251790** |
| **Matrix (Source ID):** | **Soil (432615-129)** | **Method:** | **EPA 8015B** | **Prep Method:** | **EPA 3580** |

| QC883301 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel C10-C28 | 239.3 | 9.804 | 250.0 | mg/Kg | 92% | | 62-126 | 2 | 35 | 1 |
| **Surrogates** | | | | | | | | | | |
| n-Triacontane | 9.526 | | 10.00 | mg/Kg | 95% | | 70-130 | | | 1 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Blank** | **Lab ID: QC883354** | **Batch: 251805** |
| **Matrix: Miscell.** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC883354 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 08/28/20 | 08/28/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 08/28/20 | 08/28/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.7 | 08/28/20 | 08/28/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 0.7 | 08/28/20 | 08/28/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |

ENTHALPY ANALYTICAL

# Batch QC

| QC883354 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.4 | 08/28/20 | 08/28/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 08/28/20 | 08/28/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 98% | | %REC | 70-130 | | 08/28/20 | 08/28/20 |
| 1,2-Dichloroethane-d4 | 94% | | %REC | 70-145 | | 08/28/20 | 08/28/20 |
| Toluene-d8 | 101% | | %REC | 70-145 | | 08/28/20 | 08/28/20 |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 08/28/20 | 08/28/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC883355 | Batch: 251805 |
|---|---|---|
| Matrix: Miscell. | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC883355 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.11 | 50.00 | ug/Kg | 86% | | 70-131 |
| MTBE | 45.12 | 50.00 | ug/Kg | 90% | | 69-130 |
| Benzene | 43.33 | 50.00 | ug/Kg | 87% | | 70-130 |
| Trichloroethene | 46.83 | 50.00 | ug/Kg | 94% | | 70-130 |
| Toluene | 44.06 | 50.00 | ug/Kg | 88% | | 70-130 |
| Chlorobenzene | 45.82 | 50.00 | ug/Kg | 92% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 51.46 | 50.00 | ug/Kg | 103% | | 70-130 |
| 1,2-Dichloroethane-d4 | 48.49 | 50.00 | ug/Kg | 97% | | 70-145 |
| Toluene-d8 | 50.13 | 50.00 | ug/Kg | 100% | | 70-145 |
| Bromofluorobenzene | 49.85 | 50.00 | ug/Kg | 100% | | 70-145 |

| Type: Lab Control Sample Duplicate | Lab ID: QC883356 | Batch: 251805 |
|---|---|---|
| Matrix: Miscell. | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC883356 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 44.09 | 50.00 | ug/Kg | 88% | | 70-131 | 2 | 33 |
| MTBE | 45.82 | 50.00 | ug/Kg | 92% | | 69-130 | 2 | 30 |
| Benzene | 45.57 | 50.00 | ug/Kg | 91% | | 70-130 | 5 | 30 |
| Trichloroethene | 48.78 | 50.00 | ug/Kg | 98% | | 70-130 | 4 | 30 |
| Toluene | 46.22 | 50.00 | ug/Kg | 92% | | 70-130 | 5 | 30 |
| Chlorobenzene | 47.15 | 50.00 | ug/Kg | 94% | | 70-130 | 3 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 51.21 | 50.00 | ug/Kg | 102% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 47.63 | 50.00 | ug/Kg | 95% | | 70-145 | | |
| Toluene-d8 | 50.48 | 50.00 | ug/Kg | 101% | | 70-145 | | |
| Bromofluorobenzene | 50.03 | 50.00 | ug/Kg | 100% | | 70-145 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type:** Blank | **Lab ID:** QC883357 | **Batch:** 251805 |
| **Matrix:** Miscell. | **Method:** EPA 8260B | **Prep Method:** EPA 5030B |

| QC883357 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 250 | 18 | 08/27/20 | 08/27/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 250 | 32 | 08/27/20 | 08/27/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 250 | 24 | 08/27/20 | 08/27/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 250 | 10 | 08/27/20 | 08/27/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 250 | 12 | 08/27/20 | 08/27/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 250 | 9.5 | 08/27/20 | 08/27/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 500 | 260 | 08/27/20 | 08/27/20 |
| Freon 12 | ND | | ug/Kg | 250 | 17 | 08/27/20 | 08/27/20 |
| Chloromethane | 38 | J | ug/Kg | 250 | 14 | 08/27/20 | 08/27/20 |
| Vinyl Chloride | ND | | ug/Kg | 250 | 9.0 | 08/27/20 | 08/27/20 |
| Bromomethane | 160 | J | ug/Kg | 250 | 34 | 08/27/20 | 08/27/20 |
| Chloroethane | ND | | ug/Kg | 250 | 23 | 08/27/20 | 08/27/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 250 | 13 | 08/27/20 | 08/27/20 |
| Acetone | ND | | ug/Kg | 5,000 | 2,500 | 08/27/20 | 08/27/20 |
| Freon 113 | ND | | ug/Kg | 250 | 18 | 08/27/20 | 08/27/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 250 | 15 | 08/27/20 | 08/27/20 |
| Methylene Chloride | ND | | ug/Kg | 250 | 8.0 | 08/27/20 | 08/27/20 |
| MTBE | ND | | ug/Kg | 250 | 9.5 | 08/27/20 | 08/27/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 250 | 17 | 08/27/20 | 08/27/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 250 | 16 | 08/27/20 | 08/27/20 |
| 2-Butanone | ND | | ug/Kg | 5,000 | 39 | 08/27/20 | 08/27/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 250 | 14 | 08/27/20 | 08/27/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 250 | 16 | 08/27/20 | 08/27/20 |
| Chloroform | ND | | ug/Kg | 250 | 9.0 | 08/27/20 | 08/27/20 |
| Bromochloromethane | ND | | ug/Kg | 250 | 8.5 | 08/27/20 | 08/27/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 250 | 19 | 08/27/20 | 08/27/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 250 | 13 | 08/27/20 | 08/27/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 250 | 14 | 08/27/20 | 08/27/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 250 | 10 | 08/27/20 | 08/27/20 |
| Benzene | ND | | ug/Kg | 250 | 9.0 | 08/27/20 | 08/27/20 |
| Trichloroethene | ND | | ug/Kg | 250 | 20 | 08/27/20 | 08/27/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 250 | 18 | 08/27/20 | 08/27/20 |
| Bromodichloromethane | ND | | ug/Kg | 250 | 16 | 08/27/20 | 08/27/20 |
| Dibromomethane | ND | | ug/Kg | 250 | 22 | 08/27/20 | 08/27/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 250 | 6.0 | 08/27/20 | 08/27/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 250 | 13 | 08/27/20 | 08/27/20 |
| Toluene | ND | | ug/Kg | 250 | 12 | 08/27/20 | 08/27/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 250 | 12 | 08/27/20 | 08/27/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 250 | 13 | 08/27/20 | 08/27/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 250 | 9.5 | 08/27/20 | 08/27/20 |
| Tetrachloroethene | ND | | ug/Kg | 250 | 9.0 | 08/27/20 | 08/27/20 |
| Dibromochloromethane | ND | | ug/Kg | 250 | 11 | 08/27/20 | 08/27/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC883357 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 250 | 9.5 | 08/27/20 | 08/27/20 |
| Chlorobenzene | ND | | ug/Kg | 250 | 9.5 | 08/27/20 | 08/27/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 250 | 13 | 08/27/20 | 08/27/20 |
| Ethylbenzene | 13 | J | ug/Kg | 250 | 11 | 08/27/20 | 08/27/20 |
| m,p-Xylenes | ND | | ug/Kg | 500 | 23 | 08/27/20 | 08/27/20 |
| o-Xylene | 17 | J | ug/Kg | 250 | 15 | 08/27/20 | 08/27/20 |
| Styrene | ND | | ug/Kg | 250 | 11 | 08/27/20 | 08/27/20 |
| Bromoform | ND | | ug/Kg | 250 | 10 | 08/27/20 | 08/27/20 |
| Isopropylbenzene | ND | | ug/Kg | 250 | 12 | 08/27/20 | 08/27/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 250 | 13 | 08/27/20 | 08/27/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 250 | 8.0 | 08/27/20 | 08/27/20 |
| Propylbenzene | ND | | ug/Kg | 250 | 16 | 08/27/20 | 08/27/20 |
| Bromobenzene | ND | | ug/Kg | 250 | 27 | 08/27/20 | 08/27/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 250 | 12 | 08/27/20 | 08/27/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 250 | 17 | 08/27/20 | 08/27/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 250 | 16 | 08/27/20 | 08/27/20 |
| tert-Butylbenzene | ND | | ug/Kg | 250 | 20 | 08/27/20 | 08/27/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 250 | 14 | 08/27/20 | 08/27/20 |
| sec-Butylbenzene | ND | | ug/Kg | 250 | 16 | 08/27/20 | 08/27/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 250 | 16 | 08/27/20 | 08/27/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 250 | 17 | 08/27/20 | 08/27/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 250 | 22 | 08/27/20 | 08/27/20 |
| n-Butylbenzene | ND | | ug/Kg | 250 | 13 | 08/27/20 | 08/27/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 250 | 13 | 08/27/20 | 08/27/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 250 | 6.0 | 08/27/20 | 08/27/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 250 | 14 | 08/27/20 | 08/27/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 250 | 26 | 08/27/20 | 08/27/20 |
| Naphthalene | 16 | J | ug/Kg | 250 | 13 | 08/27/20 | 08/27/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 250 | 14 | 08/27/20 | 08/27/20 |
| Xylene (total) | 17 | J | ug/Kg | 250 | | 08/27/20 | 08/27/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 98% | | %REC | 70-130 | | 08/27/20 | 08/27/20 |
| 1,2-Dichloroethane-d4 | 96% | | %REC | 70-145 | | 08/27/20 | 08/27/20 |
| Toluene-d8 | 102% | | %REC | 70-145 | | 08/27/20 | 08/27/20 |
| Bromofluorobenzene | 96% | | %REC | 70-145 | | 08/27/20 | 08/27/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type:** Blank | **Lab ID:** QC883448 | **Batch:** 251834 |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5030B |

| QC883448 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 08/28/20 | 08/28/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 08/28/20 | 08/28/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.7 | 08/28/20 | 08/28/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 0.7 | 08/28/20 | 08/28/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |

ENTHALPY ANALYTICAL

# Batch QC

| QC883448 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.4 | 08/28/20 | 08/28/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| Naphthalene | 0.2 | J | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 08/28/20 | 08/28/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 97% | | %REC | 70-130 | | 08/28/20 | 08/28/20 |
| 1,2-Dichloroethane-d4 | 93% | | %REC | 70-145 | | 08/28/20 | 08/28/20 |
| Toluene-d8 | 100% | | %REC | 70-145 | | 08/28/20 | 08/28/20 |
| Bromofluorobenzene | 99% | | %REC | 70-145 | | 08/28/20 | 08/28/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC883449 | Batch: 251834 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC883449 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 38.80 | 50.00 | ug/Kg | 78% | | 70-131 |
| MTBE | 43.30 | 50.00 | ug/Kg | 87% | | 69-130 |
| Benzene | 44.01 | 50.00 | ug/Kg | 88% | | 70-130 |
| Trichloroethene | 47.87 | 50.00 | ug/Kg | 96% | | 70-130 |
| Toluene | 44.50 | 50.00 | ug/Kg | 89% | | 70-130 |
| Chlorobenzene | 45.79 | 50.00 | ug/Kg | 92% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 49.76 | 50.00 | ug/Kg | 100% | | 70-130 |
| 1,2-Dichloroethane-d4 | 46.50 | 50.00 | ug/Kg | 93% | | 70-145 |
| Toluene-d8 | 49.88 | 50.00 | ug/Kg | 100% | | 70-145 |
| Bromofluorobenzene | 51.41 | 50.00 | ug/Kg | 103% | | 70-145 |

| Type: Lab Control Sample Duplicate | Lab ID: QC883450 | Batch: 251834 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC883450 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 39.12 | 50.00 | ug/Kg | 78% | | 70-131 | 1 | 33 |
| MTBE | 44.19 | 50.00 | ug/Kg | 88% | | 69-130 | 2 | 30 |
| Benzene | 44.43 | 50.00 | ug/Kg | 89% | | 70-130 | 1 | 30 |
| Trichloroethene | 48.74 | 50.00 | ug/Kg | 97% | | 70-130 | 2 | 30 |
| Toluene | 45.08 | 50.00 | ug/Kg | 90% | | 70-130 | 1 | 30 |
| Chlorobenzene | 46.24 | 50.00 | ug/Kg | 92% | | 70-130 | 1 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 50.34 | 50.00 | ug/Kg | 101% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 46.16 | 50.00 | ug/Kg | 92% | | 70-145 | | |
| Toluene-d8 | 50.16 | 50.00 | ug/Kg | 100% | | 70-145 | | |
| Bromofluorobenzene | 51.09 | 50.00 | ug/Kg | 102% | | 70-145 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | | |
|---|---|---|---|
| **Type:** Blank | **Lab ID:** QC883601 | **Batch:** 251834 | |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5030B | |

| QC883601 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.6 | 08/28/20 | 08/28/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.5 | 08/28/20 | 08/28/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 5.2 | 08/28/20 | 08/28/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.7 | 08/28/20 | 08/28/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.5 | 08/28/20 | 08/28/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 08/28/20 | 08/28/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 0.8 | 08/28/20 | 08/28/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC883601 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.5 | 08/28/20 | 08/28/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.5 | 08/28/20 | 08/28/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/28/20 | 08/28/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.4 | 08/28/20 | 08/28/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.1 | 08/28/20 | 08/28/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.5 | 08/28/20 | 08/28/20 |
| Naphthalene | 0.3 | J | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/28/20 | 08/28/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 08/28/20 | 08/28/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 96% | | %REC | 70-130 | | 08/28/20 | 08/28/20 |
| 1,2-Dichloroethane-d4 | 93% | | %REC | 70-145 | | 08/28/20 | 08/28/20 |
| Toluene-d8 | 101% | | %REC | 70-145 | | 08/28/20 | 08/28/20 |
| Bromofluorobenzene | 100% | | %REC | 70-145 | | 08/28/20 | 08/28/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Blank** | **Lab ID: QC883662** | **Batch: 251915** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC883662 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.1 | 08/31/20 | 08/31/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.4 | 08/31/20 | 08/31/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 08/31/20 | 08/31/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.1 | 08/31/20 | 08/31/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 08/31/20 | 08/31/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.7 | 08/31/20 | 08/31/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 0.7 | 08/31/20 | 08/31/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.1 | 08/31/20 | 08/31/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC883662 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.1 | 08/31/20 | 08/31/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.4 | 08/31/20 | 08/31/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.1 | 08/31/20 | 08/31/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 08/31/20 | 08/31/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.4 | 08/31/20 | 08/31/20 |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 08/31/20 | 08/31/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 08/31/20 | 08/31/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 98% | | %REC | 70-130 | | 08/31/20 | 08/31/20 |
| 1,2-Dichloroethane-d4 | 122% | | %REC | 70-145 | | 08/31/20 | 08/31/20 |
| Toluene-d8 | 107% | | %REC | 70-145 | | 08/31/20 | 08/31/20 |
| Bromofluorobenzene | 98% | | %REC | 70-145 | | 08/31/20 | 08/31/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | |
|---|---|---|---|
| **Type:** Blank | **Lab ID:** QC883663 | **Batch:** 251915 | |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5030B | |

| QC883663 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 250 | 18 | 08/31/20 | 08/31/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 250 | 32 | 08/31/20 | 08/31/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 250 | 24 | 08/31/20 | 08/31/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 250 | 10 | 08/31/20 | 08/31/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 250 | 12 | 08/31/20 | 08/31/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 250 | 9.5 | 08/31/20 | 08/31/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 500 | 260 | 08/31/20 | 08/31/20 |
| Freon 12 | ND | | ug/Kg | 250 | 17 | 08/31/20 | 08/31/20 |
| Chloromethane | ND | | ug/Kg | 250 | 14 | 08/31/20 | 08/31/20 |
| Vinyl Chloride | ND | | ug/Kg | 250 | 9.0 | 08/31/20 | 08/31/20 |
| Bromomethane | 90 | J | ug/Kg | 250 | 34 | 08/31/20 | 08/31/20 |
| Chloroethane | ND | | ug/Kg | 250 | 23 | 08/31/20 | 08/31/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 250 | 13 | 08/31/20 | 08/31/20 |
| Acetone | ND | | ug/Kg | 5,000 | 2,500 | 08/31/20 | 08/31/20 |
| Freon 113 | ND | | ug/Kg | 250 | 18 | 08/31/20 | 08/31/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 250 | 15 | 08/31/20 | 08/31/20 |
| Methylene Chloride | ND | | ug/Kg | 250 | 8.0 | 08/31/20 | 08/31/20 |
| MTBE | ND | | ug/Kg | 250 | 9.5 | 08/31/20 | 08/31/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 250 | 17 | 08/31/20 | 08/31/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 250 | 16 | 08/31/20 | 08/31/20 |
| 2-Butanone | ND | | ug/Kg | 5,000 | 39 | 08/31/20 | 08/31/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 250 | 14 | 08/31/20 | 08/31/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 250 | 16 | 08/31/20 | 08/31/20 |
| Chloroform | ND | | ug/Kg | 250 | 9.0 | 08/31/20 | 08/31/20 |
| Bromochloromethane | ND | | ug/Kg | 250 | 8.5 | 08/31/20 | 08/31/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 250 | 19 | 08/31/20 | 08/31/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 250 | 13 | 08/31/20 | 08/31/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 250 | 14 | 08/31/20 | 08/31/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 250 | 10 | 08/31/20 | 08/31/20 |
| Benzene | ND | | ug/Kg | 250 | 9.0 | 08/31/20 | 08/31/20 |
| Trichloroethene | ND | | ug/Kg | 250 | 20 | 08/31/20 | 08/31/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 250 | 18 | 08/31/20 | 08/31/20 |
| Bromodichloromethane | ND | | ug/Kg | 250 | 16 | 08/31/20 | 08/31/20 |
| Dibromomethane | ND | | ug/Kg | 250 | 22 | 08/31/20 | 08/31/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 250 | 6.0 | 08/31/20 | 08/31/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 250 | 13 | 08/31/20 | 08/31/20 |
| Toluene | ND | | ug/Kg | 250 | 12 | 08/31/20 | 08/31/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 250 | 12 | 08/31/20 | 08/31/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 250 | 13 | 08/31/20 | 08/31/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 250 | 9.5 | 08/31/20 | 08/31/20 |
| Tetrachloroethene | ND | | ug/Kg | 250 | 9.0 | 08/31/20 | 08/31/20 |
| Dibromochloromethane | ND | | ug/Kg | 250 | 11 | 08/31/20 | 08/31/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC883663 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 250 | 9.5 | 08/31/20 | 08/31/20 |
| Chlorobenzene | ND | | ug/Kg | 250 | 9.5 | 08/31/20 | 08/31/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 250 | 13 | 08/31/20 | 08/31/20 |
| Ethylbenzene | 16 | J | ug/Kg | 250 | 11 | 08/31/20 | 08/31/20 |
| m,p-Xylenes | 23 | J | ug/Kg | 500 | 23 | 08/31/20 | 08/31/20 |
| o-Xylene | 19 | J | ug/Kg | 250 | 15 | 08/31/20 | 08/31/20 |
| Styrene | ND | | ug/Kg | 250 | 11 | 08/31/20 | 08/31/20 |
| Bromoform | ND | | ug/Kg | 250 | 10 | 08/31/20 | 08/31/20 |
| Isopropylbenzene | ND | | ug/Kg | 250 | 12 | 08/31/20 | 08/31/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 250 | 13 | 08/31/20 | 08/31/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 250 | 8.0 | 08/31/20 | 08/31/20 |
| Propylbenzene | ND | | ug/Kg | 250 | 16 | 08/31/20 | 08/31/20 |
| Bromobenzene | ND | | ug/Kg | 250 | 27 | 08/31/20 | 08/31/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 250 | 12 | 08/31/20 | 08/31/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 250 | 17 | 08/31/20 | 08/31/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 250 | 16 | 08/31/20 | 08/31/20 |
| tert-Butylbenzene | ND | | ug/Kg | 250 | 20 | 08/31/20 | 08/31/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 250 | 14 | 08/31/20 | 08/31/20 |
| sec-Butylbenzene | ND | | ug/Kg | 250 | 16 | 08/31/20 | 08/31/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 250 | 16 | 08/31/20 | 08/31/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 250 | 17 | 08/31/20 | 08/31/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 250 | 22 | 08/31/20 | 08/31/20 |
| n-Butylbenzene | ND | | ug/Kg | 250 | 13 | 08/31/20 | 08/31/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 250 | 13 | 08/31/20 | 08/31/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 250 | 6.0 | 08/31/20 | 08/31/20 |
| 1,2,4-Trichlorobenzene | 130 | J | ug/Kg | 250 | 14 | 08/31/20 | 08/31/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 250 | 26 | 08/31/20 | 08/31/20 |
| Naphthalene | 230 | J | ug/Kg | 250 | 13 | 08/31/20 | 08/31/20 |
| 1,2,3-Trichlorobenzene | 120 | J | ug/Kg | 250 | 14 | 08/31/20 | 08/31/20 |
| Xylene (total) | 42 | J | ug/Kg | 250 | | 08/31/20 | 08/31/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 95% | | %REC | 70-130 | | 08/31/20 | 08/31/20 |
| 1,2-Dichloroethane-d4 | 119% | | %REC | 70-145 | | 08/31/20 | 08/31/20 |
| Toluene-d8 | 107% | | %REC | 70-145 | | 08/31/20 | 08/31/20 |
| Bromofluorobenzene | 92% | | %REC | 70-145 | | 08/31/20 | 08/31/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC883664 | Batch: 251915 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC883664 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.05 | 50.00 | ug/Kg | 86% | | 70-131 |
| MTBE | 45.49 | 50.00 | ug/Kg | 91% | | 69-130 |
| Benzene | 50.52 | 50.00 | ug/Kg | 101% | | 70-130 |
| Trichloroethene | 46.53 | 50.00 | ug/Kg | 93% | | 70-130 |
| Toluene | 49.29 | 50.00 | ug/Kg | 99% | | 70-130 |
| Chlorobenzene | 46.14 | 50.00 | ug/Kg | 92% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 49.93 | 50.00 | ug/Kg | 100% | | 70-130 |
| 1,2-Dichloroethane-d4 | 60.66 | 50.00 | ug/Kg | 121% | | 70-145 |
| Toluene-d8 | 54.12 | 50.00 | ug/Kg | 108% | | 70-145 |
| Bromofluorobenzene | 44.86 | 50.00 | ug/Kg | 90% | | 70-145 |

| Type: Lab Control Sample Duplicate | Lab ID: QC883665 | Batch: 251915 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC883665 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 41.19 | 50.00 | ug/Kg | 82% | | 70-131 | 4 | 33 |
| MTBE | 45.23 | 50.00 | ug/Kg | 90% | | 69-130 | 1 | 30 |
| Benzene | 48.95 | 50.00 | ug/Kg | 98% | | 70-130 | 3 | 30 |
| Trichloroethene | 44.47 | 50.00 | ug/Kg | 89% | | 70-130 | 5 | 30 |
| Toluene | 47.45 | 50.00 | ug/Kg | 95% | | 70-130 | 4 | 30 |
| Chlorobenzene | 45.19 | 50.00 | ug/Kg | 90% | | 70-130 | 2 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 49.61 | 50.00 | ug/Kg | 99% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 59.51 | 50.00 | ug/Kg | 119% | | 70-145 | | |
| Toluene-d8 | 53.55 | 50.00 | ug/Kg | 107% | | 70-145 | | |
| Bromofluorobenzene | 44.84 | 50.00 | ug/Kg | 90% | | 70-145 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC883708** | **Batch:** | **251938** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC883708 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | | ug/Kg | 10 | 3.7 | 08/31/20 | 08/31/20 |
| 2-Methylnaphthalene | ND | | ug/Kg | 10 | 3.8 | 08/31/20 | 08/31/20 |
| Naphthalene | ND | | ug/Kg | 10 | 4.0 | 08/31/20 | 08/31/20 |
| Acenaphthylene | ND | | ug/Kg | 10 | 3.3 | 08/31/20 | 08/31/20 |
| Acenaphthene | ND | | ug/Kg | 10 | 1.4 | 08/31/20 | 08/31/20 |
| Fluorene | 1.3 | J | ug/Kg | 10 | 1.3 | 08/31/20 | 08/31/20 |
| Phenanthrene | 3.3 | J | ug/Kg | 10 | 1.4 | 08/31/20 | 08/31/20 |
| Anthracene | ND | | ug/Kg | 10 | 1.2 | 08/31/20 | 08/31/20 |
| Fluoranthene | 1.5 | J | ug/Kg | 10 | 0.84 | 08/31/20 | 08/31/20 |
| Pyrene | 1.7 | J | ug/Kg | 10 | 0.78 | 08/31/20 | 08/31/20 |
| Benzo(a)anthracene | ND | | ug/Kg | 10 | 1.1 | 08/31/20 | 08/31/20 |
| Chrysene | 1.0 | J | ug/Kg | 10 | 0.83 | 08/31/20 | 08/31/20 |
| Benzo(b)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 08/31/20 | 08/31/20 |
| Benzo(k)fluoranthene | ND | | ug/Kg | 10 | 1.7 | 08/31/20 | 08/31/20 |
| Benzo(a)pyrene | ND | | ug/Kg | 10 | 1.8 | 08/31/20 | 08/31/20 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/Kg | 10 | 1.8 | 08/31/20 | 08/31/20 |
| Dibenz(a,h)anthracene | ND | | ug/Kg | 10 | 1.4 | 08/31/20 | 08/31/20 |
| Benzo(g,h,i)perylene | ND | | ug/Kg | 10 | 1.2 | 08/31/20 | 08/31/20 |
| **Surrogates** | | | | **Limits** | | | |
| Nitrobenzene-d5 | 69% | | %REC | 27-125 | | 08/31/20 | 08/31/20 |
| 2-Fluorobiphenyl | 75% | | %REC | 30-120 | | 08/31/20 | 08/31/20 |
| Terphenyl-d14 | 79% | | %REC | 33-155 | | 08/31/20 | 08/31/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample** | **Lab ID:** | **QC883709** | **Batch:** | **251938** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC883709 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 29.68 | 50.00 | ug/Kg | 59% | | 28-130 |
| 2-Methylnaphthalene | 32.27 | 50.00 | ug/Kg | 65% | | 33-130 |
| Naphthalene | 31.01 | 50.00 | ug/Kg | 62% | | 25-130 |
| Acenaphthylene | 29.64 | 50.00 | ug/Kg | 59% | | 28-130 |
| Acenaphthene | 30.48 | 50.00 | ug/Kg | 61% | | 32-130 |
| Fluorene | 33.03 | 50.00 | ug/Kg | 66% | | 35-130 |
| Phenanthrene | 35.69 | 50.00 | ug/Kg | 71% | | 35-132 |
| Anthracene | 32.56 | 50.00 | ug/Kg | 65% | | 34-136 |
| Fluoranthene | 33.28 | 50.00 | ug/Kg | 67% | | 34-139 |
| Pyrene | 32.44 | 50.00 | ug/Kg | 65% | | 35-134 |
| Benzo(a)anthracene | 36.23 | 50.00 | ug/Kg | 72% | | 30-132 |
| Chrysene | 32.35 | 50.00 | ug/Kg | 65% | | 29-130 |
| Benzo(b)fluoranthene | 37.08 | 50.00 | ug/Kg | 74% | | 32-137 |
| Benzo(k)fluoranthene | 34.55 | 50.00 | ug/Kg | 69% | | 32-130 |
| Benzo(a)pyrene | 33.63 | 50.00 | ug/Kg | 67% | | 10-138 |
| Indeno(1,2,3-cd)pyrene | 33.14 | 50.00 | ug/Kg | 66% | | 34-132 |
| Dibenz(a,h)anthracene | 32.74 | 50.00 | ug/Kg | 65% | b | 32-130 |
| Benzo(g,h,i)perylene | 32.05 | 50.00 | ug/Kg | 64% | | 27-130 |
| **Surrogates** | | | | | | |
| Nitrobenzene-d5 | 31.04 | 50.00 | ug/Kg | 62% | | 27-125 |
| 2-Fluorobiphenyl | 35.23 | 50.00 | ug/Kg | 70% | | 30-120 |
| Terphenyl-d14 | 35.25 | 50.00 | ug/Kg | 70% | | 33-155 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike** | **Lab ID:** | **QC883710** | **Batch:** | **251938** |
| **Matrix (Source ID):** | **Soil (432832-001)** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC883710 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 36.87 | ND | 50.00 | ug/Kg | 0% | * | 25-130 | 10 |
| 2-Methylnaphthalene | 39.46 | 40.87 | 50.00 | ug/Kg | -3% | * | 32-133 | 10 |
| Naphthalene | 40.13 | ND | 50.00 | ug/Kg | 80% | | 33-130 | 10 |
| Acenaphthylene | 34.45 | 35.29 | 50.00 | ug/Kg | -2% | * | 14-157 | 10 |
| Acenaphthene | 39.79 | 39.71 | 50.00 | ug/Kg | 0% | * | 28-134 | 10 |
| Fluorene | 41.80 | 42.00 | 50.00 | ug/Kg | 0% | * | 27-140 | 10 |
| Phenanthrene | 48.86 | 47.40 | 50.00 | ug/Kg | 3% | * | 29-147 | 10 |
| Anthracene | 42.51 | 41.14 | 50.00 | ug/Kg | 3% | * | 24-156 | 10 |
| Fluoranthene | 46.74 | 47.78 | 50.00 | ug/Kg | -2% | * | 28-160 | 10 |
| Pyrene | 45.59 | 47.08 | 50.00 | ug/Kg | -3% | * | 26-153 | 10 |
| Benzo(a)anthracene | 44.64 | 47.84 | 50.00 | ug/Kg | -6% | * | 26-174 | 10 |
| Chrysene | 47.15 | 46.04 | 50.00 | ug/Kg | 2% | * | 40-139 | 10 |
| Benzo(b)fluoranthene | 47.74 | 50.95 | 50.00 | ug/Kg | -6% | * | 36-164 | 10 |
| Benzo(k)fluoranthene | 48.68 | 47.02 | 50.00 | ug/Kg | 3% | * | 36-161 | 10 |
| Benzo(a)pyrene | 42.47 | 45.23 | 50.00 | ug/Kg | -6% | * | 18-173 | 10 |
| Indeno(1,2,3-cd)pyrene | 34.07 | 37.51 | 50.00 | ug/Kg | -7% | * | 26-154 | 10 |
| Dibenz(a,h)anthracene | 45.14 | 53.28 | 50.00 | ug/Kg | -16% | b,* | 38-132 | 10 |
| Benzo(g,h,i)perylene | 41.14 | 39.38 | 50.00 | ug/Kg | 4% | * | 36-130 | 10 |
| **Surrogates** | | | | | | | | |
| Nitrobenzene-d5 | 42.14 | | 50.00 | ug/Kg | 84% | | 27-125 | 10 |
| 2-Fluorobiphenyl | 43.32 | | 50.00 | ug/Kg | 87% | | 30-120 | 10 |
| Terphenyl-d14 | 43.87 | | 50.00 | ug/Kg | 88% | | 33-155 | 10 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC883711** | **Batch:** | **251938** |
| **Matrix (Source ID):** | **Soil (432832-001)** | **Method:** | **EPA 8270C-SIM** | **Prep Method:** | **EPA 3550C** |

| QC883711 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 37.74 | ND | 50.00 | ug/Kg | 75% | | 25-130 | 2 | 35 | 10 |
| 2-Methylnaphthalene | 39.37 | 40.87 | 50.00 | ug/Kg | -3% | * | 32-133 | 0 | 35 | 10 |
| Naphthalene | 38.78 | ND | 50.00 | ug/Kg | 0% | * | 33-130 | 3 | 35 | 10 |
| Acenaphthylene | 33.70 | 35.29 | 50.00 | ug/Kg | -3% | * | 14-157 | 2 | 35 | 10 |
| Acenaphthene | 43.90 | 39.71 | 50.00 | ug/Kg | 8% | * | 28-134 | 10 | 35 | 10 |
| Fluorene | 44.91 | 42.00 | 50.00 | ug/Kg | 6% | * | 27-140 | 7 | 35 | 10 |
| Phenanthrene | 60.41 | 47.40 | 50.00 | ug/Kg | 26% | * | 29-147 | 21 | 35 | 10 |
| Anthracene | 46.96 | 41.14 | 50.00 | ug/Kg | 12% | * | 24-156 | 10 | 35 | 10 |
| Fluoranthene | 54.32 | 47.78 | 50.00 | ug/Kg | 13% | * | 28-160 | 15 | 35 | 10 |
| Pyrene | 52.50 | 47.08 | 50.00 | ug/Kg | 11% | * | 26-153 | 14 | 35 | 10 |
| Benzo(a)anthracene | 49.70 | 47.84 | 50.00 | ug/Kg | 4% | * | 26-174 | 11 | 35 | 10 |
| Chrysene | 55.43 | 46.04 | 50.00 | ug/Kg | 19% | * | 40-139 | 16 | 35 | 10 |
| Benzo(b)fluoranthene | 52.24 | 50.95 | 50.00 | ug/Kg | 3% | * | 36-164 | 9 | 35 | 10 |
| Benzo(k)fluoranthene | 47.53 | 47.02 | 50.00 | ug/Kg | 1% | * | 36-161 | 2 | 35 | 10 |
| Benzo(a)pyrene | 52.65 | 45.23 | 50.00 | ug/Kg | 15% | * | 18-173 | 21 | 35 | 10 |
| Indeno(1,2,3-cd)pyrene | 36.55 | 37.51 | 50.00 | ug/Kg | -2% | * | 26-154 | 7 | 35 | 10 |
| Dibenz(a,h)anthracene | 50.95 | 53.28 | 50.00 | ug/Kg | -5% | b,* | 38-132 | 12 | 35 | 10 |
| Benzo(g,h,i)perylene | 44.45 | 39.38 | 50.00 | ug/Kg | 10% | * | 36-130 | 8 | 35 | 10 |
| **Surrogates** | | | | | | | | | | |
| Nitrobenzene-d5 | 35.80 | | 50.00 | ug/Kg | 72% | | 27-125 | | | 10 |
| 2-Fluorobiphenyl | 41.06 | | 50.00 | ug/Kg | 82% | | 30-120 | | | 10 |
| Terphenyl-d14 | 48.42 | | 50.00 | ug/Kg | 97% | | 33-155 | | | 10 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Blank** | **Lab ID: QC883929** | **Batch: 252015** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC883929 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.1 | 09/02/20 | 09/02/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.4 | 09/02/20 | 09/02/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 09/02/20 | 09/02/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.1 | 09/02/20 | 09/02/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 09/02/20 | 09/02/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.7 | 09/02/20 | 09/02/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Methylene Chloride | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 0.7 | 09/02/20 | 09/02/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.1 | 09/02/20 | 09/02/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |

ENTHALPY ANALYTICAL

# Batch QC

| QC883929 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.1 | 09/02/20 | 09/02/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.4 | 09/02/20 | 09/02/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.1 | 09/02/20 | 09/02/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.3 | 09/02/20 | 09/02/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.4 | 09/02/20 | 09/02/20 |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.2 | 09/02/20 | 09/02/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 09/02/20 | 09/02/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 100% | | %REC | 70-130 | | 09/02/20 | 09/02/20 |
| 1,2-Dichloroethane-d4 | 100% | | %REC | 70-145 | | 09/02/20 | 09/02/20 |
| Toluene-d8 | 102% | | %REC | 70-145 | | 09/02/20 | 09/02/20 |
| Bromofluorobenzene | 98% | | %REC | 70-145 | | 09/02/20 | 09/02/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | |
|---|---|---|---|
| **Type:** Blank | **Lab ID:** QC883930 | **Batch:** 252015 | |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5030B | |

| QC883930 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 250 | 18 | 09/02/20 | 09/02/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 250 | 32 | 09/02/20 | 09/02/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 250 | 24 | 09/02/20 | 09/02/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 250 | 10 | 09/02/20 | 09/02/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 250 | 12 | 09/02/20 | 09/02/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 250 | 9.5 | 09/02/20 | 09/02/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 500 | 260 | 09/02/20 | 09/02/20 |
| Freon 12 | ND | | ug/Kg | 250 | 17 | 09/02/20 | 09/02/20 |
| Chloromethane | 23 | J | ug/Kg | 250 | 14 | 09/02/20 | 09/02/20 |
| Vinyl Chloride | ND | | ug/Kg | 250 | 9.0 | 09/02/20 | 09/02/20 |
| Bromomethane | 75 | J | ug/Kg | 250 | 34 | 09/02/20 | 09/02/20 |
| Chloroethane | ND | | ug/Kg | 250 | 23 | 09/02/20 | 09/02/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 250 | 13 | 09/02/20 | 09/02/20 |
| Acetone | ND | | ug/Kg | 5,000 | 2,500 | 09/02/20 | 09/02/20 |
| Freon 113 | ND | | ug/Kg | 250 | 18 | 09/02/20 | 09/02/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 250 | 15 | 09/02/20 | 09/02/20 |
| Methylene Chloride | ND | | ug/Kg | 250 | 8.0 | 09/02/20 | 09/02/20 |
| MTBE | ND | | ug/Kg | 250 | 9.5 | 09/02/20 | 09/02/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 250 | 17 | 09/02/20 | 09/02/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 250 | 16 | 09/02/20 | 09/02/20 |
| 2-Butanone | ND | | ug/Kg | 5,000 | 39 | 09/02/20 | 09/02/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 250 | 14 | 09/02/20 | 09/02/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 250 | 16 | 09/02/20 | 09/02/20 |
| Chloroform | ND | | ug/Kg | 250 | 9.0 | 09/02/20 | 09/02/20 |
| Bromochloromethane | ND | | ug/Kg | 250 | 8.5 | 09/02/20 | 09/02/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 250 | 19 | 09/02/20 | 09/02/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 250 | 13 | 09/02/20 | 09/02/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 250 | 14 | 09/02/20 | 09/02/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 250 | 10 | 09/02/20 | 09/02/20 |
| Benzene | ND | | ug/Kg | 250 | 9.0 | 09/02/20 | 09/02/20 |
| Trichloroethene | ND | | ug/Kg | 250 | 20 | 09/02/20 | 09/02/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 250 | 18 | 09/02/20 | 09/02/20 |
| Bromodichloromethane | ND | | ug/Kg | 250 | 16 | 09/02/20 | 09/02/20 |
| Dibromomethane | ND | | ug/Kg | 250 | 22 | 09/02/20 | 09/02/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 250 | 6.0 | 09/02/20 | 09/02/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 250 | 13 | 09/02/20 | 09/02/20 |
| Toluene | ND | | ug/Kg | 250 | 12 | 09/02/20 | 09/02/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 250 | 12 | 09/02/20 | 09/02/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 250 | 13 | 09/02/20 | 09/02/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 250 | 9.5 | 09/02/20 | 09/02/20 |
| Tetrachloroethene | ND | | ug/Kg | 250 | 9.0 | 09/02/20 | 09/02/20 |
| Dibromochloromethane | ND | | ug/Kg | 250 | 11 | 09/02/20 | 09/02/20 |

ENTHALPY ANALYTICAL

# Batch QC

| QC883930 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 250 | 9.5 | 09/02/20 | 09/02/20 |
| Chlorobenzene | ND | | ug/Kg | 250 | 9.5 | 09/02/20 | 09/02/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 250 | 13 | 09/02/20 | 09/02/20 |
| Ethylbenzene | 12 | J | ug/Kg | 250 | 11 | 09/02/20 | 09/02/20 |
| m,p-Xylenes | ND | | ug/Kg | 500 | 23 | 09/02/20 | 09/02/20 |
| o-Xylene | ND | | ug/Kg | 250 | 15 | 09/02/20 | 09/02/20 |
| Styrene | ND | | ug/Kg | 250 | 11 | 09/02/20 | 09/02/20 |
| Bromoform | ND | | ug/Kg | 250 | 10 | 09/02/20 | 09/02/20 |
| Isopropylbenzene | ND | | ug/Kg | 250 | 12 | 09/02/20 | 09/02/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 250 | 13 | 09/02/20 | 09/02/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 250 | 8.0 | 09/02/20 | 09/02/20 |
| Propylbenzene | ND | | ug/Kg | 250 | 16 | 09/02/20 | 09/02/20 |
| Bromobenzene | ND | | ug/Kg | 250 | 27 | 09/02/20 | 09/02/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 250 | 12 | 09/02/20 | 09/02/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 250 | 17 | 09/02/20 | 09/02/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 250 | 16 | 09/02/20 | 09/02/20 |
| tert-Butylbenzene | ND | | ug/Kg | 250 | 20 | 09/02/20 | 09/02/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 250 | 14 | 09/02/20 | 09/02/20 |
| sec-Butylbenzene | ND | | ug/Kg | 250 | 16 | 09/02/20 | 09/02/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 250 | 16 | 09/02/20 | 09/02/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 250 | 17 | 09/02/20 | 09/02/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 250 | 22 | 09/02/20 | 09/02/20 |
| n-Butylbenzene | ND | | ug/Kg | 250 | 13 | 09/02/20 | 09/02/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 250 | 13 | 09/02/20 | 09/02/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 250 | 6.0 | 09/02/20 | 09/02/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 250 | 14 | 09/02/20 | 09/02/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 250 | 26 | 09/02/20 | 09/02/20 |
| Naphthalene | ND | | ug/Kg | 250 | 13 | 09/02/20 | 09/02/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 250 | 14 | 09/02/20 | 09/02/20 |
| Xylene (total) | ND | | ug/Kg | 250 | | 09/02/20 | 09/02/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 98% | | %REC | 70-130 | | 09/02/20 | 09/02/20 |
| 1,2-Dichloroethane-d4 | 101% | | %REC | 70-145 | | 09/02/20 | 09/02/20 |
| Toluene-d8 | 102% | | %REC | 70-145 | | 09/02/20 | 09/02/20 |
| Bromofluorobenzene | 98% | | %REC | 70-145 | | 09/02/20 | 09/02/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC883931 | Batch: 252015 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC883931 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.89 | 50.00 | ug/Kg | 88% | | 70-131 |
| MTBE | 44.64 | 50.00 | ug/Kg | 89% | | 69-130 |
| Benzene | 45.31 | 50.00 | ug/Kg | 91% | | 70-130 |
| Trichloroethene | 48.53 | 50.00 | ug/Kg | 97% | | 70-130 |
| Toluene | 43.51 | 50.00 | ug/Kg | 87% | | 70-130 |
| Chlorobenzene | 45.00 | 50.00 | ug/Kg | 90% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 51.16 | 50.00 | ug/Kg | 102% | | 70-130 |
| 1,2-Dichloroethane-d4 | 51.63 | 50.00 | ug/Kg | 103% | | 70-145 |
| Toluene-d8 | 49.20 | 50.00 | ug/Kg | 98% | | 70-145 |
| Bromofluorobenzene | 51.51 | 50.00 | ug/Kg | 103% | | 70-145 |

| Type: Lab Control Sample Duplicate | Lab ID: QC883932 | Batch: 252015 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5030B |

| QC883932 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.94 | 50.00 | ug/Kg | 88% | | 70-131 | 0 | 33 |
| MTBE | 43.96 | 50.00 | ug/Kg | 88% | | 69-130 | 2 | 30 |
| Benzene | 44.30 | 50.00 | ug/Kg | 89% | | 70-130 | 2 | 30 |
| Trichloroethene | 48.88 | 50.00 | ug/Kg | 98% | | 70-130 | 1 | 30 |
| Toluene | 43.55 | 50.00 | ug/Kg | 87% | | 70-130 | 0 | 30 |
| Chlorobenzene | 45.06 | 50.00 | ug/Kg | 90% | | 70-130 | 0 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 50.80 | 50.00 | ug/Kg | 102% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 50.82 | 50.00 | ug/Kg | 102% | | 70-145 | | |
| Toluene-d8 | 49.60 | 50.00 | ug/Kg | 99% | | 70-145 | | |
| Bromofluorobenzene | 51.96 | 50.00 | ug/Kg | 104% | | 70-145 | | |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Blank | Lab ID: QC884087 | Batch: 252081 |
|---|---|---|
| Matrix: Soil | Method: EPA 8082 | Prep Method: EPA 3546 |

| QC884087 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 09/02/20 | 09/02/20 |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 09/02/20 | 09/02/20 |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 09/02/20 | 09/02/20 |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 09/02/20 | 09/02/20 |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 09/02/20 | 09/02/20 |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 09/02/20 | 09/02/20 |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 09/02/20 | 09/02/20 |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 09/02/20 | 09/02/20 |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 09/02/20 | 09/02/20 |
| **Surrogates** | | | | **Limits** | | | |
| Decachlorobiphenyl (PCB) | 57% | | %REC | 19-121 | | 09/02/20 | 09/02/20 |

| Type: Lab Control Sample | Lab ID: QC884091 | Batch: 252081 |
|---|---|---|
| Matrix: Soil | Method: EPA 8082 | Prep Method: EPA 3546 |

| QC884091 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Aroclor-1016 | 290.8 | 500.0 | ug/Kg | 58% | | 14-150 |
| Aroclor-1260 | 304.3 | 500.0 | ug/Kg | 61% | | 10-150 |
| **Surrogates** | | | | | | |
| Decachlorobiphenyl (PCB) | 28.78 | 50.00 | ug/Kg | 58% | | 19-121 |

| Type: Matrix Spike | Lab ID: QC884092 | Batch: 252081 |
|---|---|---|
| Matrix (Source ID): Soil (432854-001) | Method: EPA 8082 | Prep Method: EPA 3546 |

| QC884092 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 291.6 | ND | 500.0 | ug/Kg | 58% | | 42-127 | 1 |
| Aroclor-1260 | 322.9 | ND | 500.0 | ug/Kg | 65% | | 38-130 | 1 |
| **Surrogates** | | | | | | | | |
| Decachlorobiphenyl (PCB) | 30.69 | | 50.00 | ug/Kg | 61% | | 19-121 | 1 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC884093** | **Batch:** | **252081** |
| **Matrix (Source ID):** | **Soil (432854-001)** | **Method:** | **EPA 8082** | **Prep Method:** | **EPA 3546** |

| QC884093 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 331.9 | ND | 500.0 | ug/Kg | 66% | | 42-127 | 13 | 30 | 1 |
| Aroclor-1260 | 349.3 | ND | 500.0 | ug/Kg | 70% | | 38-130 | 8 | 30 | 1 |
| **Surrogates** | | | | | | | | | | |
| Decachlorobiphenyl (PCB) | 33.43 | | 50.00 | ug/Kg | 67% | | 19-121 | | | 1 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC884726** | **Batch:** | **252333** |
| **Matrix:** | **Soil** | **Method:** | **EPA 6010B** | **Prep Method:** | **EPA 3050B** |

| QC884726 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Antimony | ND | | mg/Kg | 3.0 | 1.6 | 09/10/20 | 09/10/20 |
| Arsenic | ND | | mg/Kg | 1.0 | 0.67 | 09/10/20 | 09/10/20 |
| Barium | ND | | mg/Kg | 1.0 | 0.11 | 09/10/20 | 09/10/20 |
| Beryllium | ND | | mg/Kg | 0.50 | 0.067 | 09/10/20 | 09/10/20 |
| Cadmium | ND | | mg/Kg | 0.50 | 0.094 | 09/10/20 | 09/10/20 |
| Chromium | ND | | mg/Kg | 1.0 | 0.096 | 09/10/20 | 09/10/20 |
| Cobalt | ND | | mg/Kg | 0.50 | 0.086 | 09/10/20 | 09/10/20 |
| Copper | ND | | mg/Kg | 1.0 | 0.42 | 09/10/20 | 09/10/20 |
| Lead | ND | | mg/Kg | 1.0 | 0.84 | 09/10/20 | 09/10/20 |
| Molybdenum | ND | | mg/Kg | 1.0 | 0.59 | 09/10/20 | 09/10/20 |
| Nickel | ND | | mg/Kg | 1.0 | 0.26 | 09/10/20 | 09/10/20 |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 09/10/20 | 09/10/20 |
| Silver | ND | | mg/Kg | 0.50 | 0.16 | 09/10/20 | 09/10/20 |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 09/10/20 | 09/10/20 |
| Vanadium | ND | | mg/Kg | 1.0 | 0.26 | 09/10/20 | 09/10/20 |
| Zinc | ND | | mg/Kg | 5.0 | 0.75 | 09/10/20 | 09/10/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC884727 | Batch: 252333 |
|---|---|---|
| Matrix: Soil | Method: EPA 6010B | Prep Method: EPA 3050B |

| QC884727 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Antimony | 98.81 | 100.0 | mg/Kg | 99% | | 80-120 |
| Arsenic | 101.6 | 100.0 | mg/Kg | 102% | | 80-120 |
| Barium | 104.9 | 100.0 | mg/Kg | 105% | | 80-120 |
| Beryllium | 99.18 | 100.0 | mg/Kg | 99% | | 80-120 |
| Cadmium | 102.9 | 100.0 | mg/Kg | 103% | | 80-120 |
| Chromium | 100.4 | 100.0 | mg/Kg | 100% | | 80-120 |
| Cobalt | 106.1 | 100.0 | mg/Kg | 106% | | 80-120 |
| Copper | 98.76 | 100.0 | mg/Kg | 99% | | 80-120 |
| Lead | 105.9 | 100.0 | mg/Kg | 106% | | 80-120 |
| Molybdenum | 103.2 | 100.0 | mg/Kg | 103% | | 80-120 |
| Nickel | 104.9 | 100.0 | mg/Kg | 105% | | 80-120 |
| Selenium | 99.08 | 100.0 | mg/Kg | 99% | | 80-120 |
| Silver | 97.47 | 100.0 | mg/Kg | 97% | | 80-120 |
| Thallium | 107.7 | 100.0 | mg/Kg | 108% | | 80-120 |
| Vanadium | 104.4 | 100.0 | mg/Kg | 104% | | 80-120 |
| Zinc | 105.3 | 100.0 | mg/Kg | 105% | | 80-120 |

| Type: Matrix Spike | Lab ID: QC884728 | Batch: 252333 |
|---|---|---|
| Matrix (Source ID): Soil (432615-017) | Method: EPA 6010B | Prep Method: EPA 3050B |

| QC884728 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Antimony | 22.14 | ND | 95.24 | mg/Kg | 23% | * | 75-125 | 0.95 |
| Arsenic | 107.6 | 8.553 | 95.24 | mg/Kg | 104% | | 75-125 | 0.95 |
| Barium | 274.4 | 161.4 | 95.24 | mg/Kg | 119% | | 75-125 | 0.95 |
| Beryllium | 95.05 | 0.4661 | 95.24 | mg/Kg | 99% | | 75-125 | 0.95 |
| Cadmium | 100.0 | ND | 95.24 | mg/Kg | 105% | | 75-125 | 0.95 |
| Chromium | 122.0 | 24.21 | 95.24 | mg/Kg | 103% | | 75-125 | 0.95 |
| Cobalt | 107.7 | 10.33 | 95.24 | mg/Kg | 102% | | 75-125 | 0.95 |
| Copper | 133.9 | 29.63 | 95.24 | mg/Kg | 109% | | 75-125 | 0.95 |
| Lead | 102.1 | 7.210 | 95.24 | mg/Kg | 100% | | 75-125 | 0.95 |
| Molybdenum | 91.84 | ND | 95.24 | mg/Kg | 96% | | 75-125 | 0.95 |
| Nickel | 116.8 | 19.80 | 95.24 | mg/Kg | 102% | | 75-125 | 0.95 |
| Selenium | 94.65 | ND | 95.24 | mg/Kg | 99% | | 75-125 | 0.95 |
| Silver | 91.27 | ND | 95.24 | mg/Kg | 96% | | 75-125 | 0.95 |
| Thallium | 94.37 | ND | 95.24 | mg/Kg | 99% | | 75-125 | 0.95 |
| Vanadium | 146.3 | 40.51 | 95.24 | mg/Kg | 111% | | 75-125 | 0.95 |
| Zinc | 162.2 | 53.52 | 95.24 | mg/Kg | 114% | | 75-125 | 0.95 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: | Matrix Spike Duplicate | Lab ID: | QC884729 | Batch: | 252333 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-017) | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC884729 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 21.84 | ND | 96.15 | mg/Kg | 23% | * | 75-125 | 2 | 41 | 0.96 |
| Arsenic | 108.1 | 8.553 | 96.15 | mg/Kg | 104% | | 75-125 | 0 | 35 | 0.96 |
| Barium | 273.7 | 161.4 | 96.15 | mg/Kg | 117% | | 75-125 | 1 | 20 | 0.96 |
| Beryllium | 95.49 | 0.4661 | 96.15 | mg/Kg | 99% | | 75-125 | 0 | 20 | 0.96 |
| Cadmium | 100.9 | ND | 96.15 | mg/Kg | 105% | | 75-125 | 0 | 20 | 0.96 |
| Chromium | 122.1 | 24.21 | 96.15 | mg/Kg | 102% | | 75-125 | 1 | 20 | 0.96 |
| Cobalt | 107.9 | 10.33 | 96.15 | mg/Kg | 101% | | 75-125 | 1 | 20 | 0.96 |
| Copper | 135.1 | 29.63 | 96.15 | mg/Kg | 110% | | 75-125 | 0 | 20 | 0.96 |
| Lead | 102.9 | 7.210 | 96.15 | mg/Kg | 100% | | 75-125 | 0 | 20 | 0.96 |
| Molybdenum | 92.45 | ND | 96.15 | mg/Kg | 96% | | 75-125 | 0 | 20 | 0.96 |
| Nickel | 117.1 | 19.80 | 96.15 | mg/Kg | 101% | | 75-125 | 0 | 20 | 0.96 |
| Selenium | 95.51 | ND | 96.15 | mg/Kg | 99% | | 75-125 | 0 | 20 | 0.96 |
| Silver | 92.70 | ND | 96.15 | mg/Kg | 96% | | 75-125 | 1 | 20 | 0.96 |
| Thallium | 95.26 | ND | 96.15 | mg/Kg | 99% | | 75-125 | 0 | 20 | 0.96 |
| Vanadium | 147.0 | 40.51 | 96.15 | mg/Kg | 111% | | 75-125 | 0 | 20 | 0.96 |
| Zinc | 162.0 | 53.52 | 96.15 | mg/Kg | 113% | | 75-125 | 1 | 20 | 0.96 |

| Type: | Blank | Lab ID: | QC884735 | Batch: | 252336 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 7471A | Prep Method: | METHOD |

| QC884735 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Mercury | ND | | mg/Kg | 0.14 | 0.039 | 09/08/20 | 09/08/20 |

| Type: | Lab Control Sample | Lab ID: | QC884736 | Batch: | 252336 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 7471A | Prep Method: | METHOD |

| QC884736 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Mercury | 0.9179 | 0.8333 | mg/Kg | 110% | | 80-120 |

| Type: | Matrix Spike | Lab ID: | QC884737 | Batch: | 252336 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-017) | Method: | EPA 7471A | Prep Method: | METHOD |

| QC884737 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Mercury | 0.9001 | 0.06935 | 0.7937 | mg/Kg | 105% | | 75-125 | 0.95 |

# Batch QC

| Type: | Matrix Spike Duplicate | Lab ID: | QC884738 | Batch: | 252336 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-017) | Method: | EPA 7471A | Prep Method: | METHOD |

| QC884738 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.8857 | 0.06935 | 0.7813 | mg/Kg | 104% | | 75-125 | 0 | 20 | 0.94 |

| Type: | Blank | Lab ID: | QC884739 | Batch: | 252337 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 7471A | Prep Method: | METHOD |

| QC884739 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Mercury | ND | | mg/Kg | 0.14 | 0.039 | 09/08/20 | 09/08/20 |

| Type: | Lab Control Sample | Lab ID: | QC884740 | Batch: | 252337 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 7471A | Prep Method: | METHOD |

| QC884740 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Mercury | 0.8272 | 0.8333 | mg/Kg | 99% | | 80-120 |

| Type: | Matrix Spike | Lab ID: | QC884741 | Batch: | 252337 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-089) | Method: | EPA 7471A | Prep Method: | METHOD |

| QC884741 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Mercury | 2.021 | 0.9106 | 0.7692 | mg/Kg | 144% | * | 75-125 | 1.8 |

| Type: | Matrix Spike Duplicate | Lab ID: | QC884742 | Batch: | 252337 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-089) | Method: | EPA 7471A | Prep Method: | METHOD |

| QC884742 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 1.806 | 0.9106 | 0.7463 | mg/Kg | 120% | | 75-125 | 10 | 20 | 1.8 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Blank | Lab ID: QC884780 | Batch: 252358 |
|---|---|---|
| Matrix: Soil | Method: EPA 6010B | Prep Method: EPA 3050B |

| QC884780 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Antimony | ND | | mg/Kg | 3.0 | 1.6 | 09/08/20 | 09/09/20 |
| Arsenic | ND | | mg/Kg | 1.0 | 0.67 | 09/08/20 | 09/09/20 |
| Barium | ND | | mg/Kg | 1.0 | 0.11 | 09/08/20 | 09/09/20 |
| Beryllium | ND | | mg/Kg | 0.50 | 0.067 | 09/08/20 | 09/09/20 |
| Cadmium | ND | | mg/Kg | 0.50 | 0.094 | 09/08/20 | 09/09/20 |
| Chromium | ND | | mg/Kg | 1.0 | 0.096 | 09/08/20 | 09/09/20 |
| Cobalt | ND | | mg/Kg | 0.50 | 0.086 | 09/08/20 | 09/09/20 |
| Copper | ND | | mg/Kg | 1.0 | 0.42 | 09/08/20 | 09/09/20 |
| Lead | ND | | mg/Kg | 1.0 | 0.84 | 09/08/20 | 09/09/20 |
| Molybdenum | ND | | mg/Kg | 1.0 | 0.59 | 09/08/20 | 09/09/20 |
| Nickel | ND | | mg/Kg | 1.0 | 0.26 | 09/08/20 | 09/09/20 |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 09/08/20 | 09/09/20 |
| Silver | ND | | mg/Kg | 0.50 | 0.16 | 09/08/20 | 09/09/20 |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 09/08/20 | 09/09/20 |
| Vanadium | ND | | mg/Kg | 1.0 | 0.26 | 09/08/20 | 09/09/20 |
| Zinc | 0.93 | J | mg/Kg | 5.0 | 0.75 | 09/08/20 | 09/09/20 |

| Type: Lab Control Sample | Lab ID: QC884781 | Batch: 252358 |
|---|---|---|
| Matrix: Soil | Method: EPA 6010B | Prep Method: EPA 3050B |

| QC884781 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Antimony | 93.71 | 100.0 | mg/Kg | 94% | | 80-120 |
| Arsenic | 92.47 | 100.0 | mg/Kg | 92% | | 80-120 |
| Barium | 96.72 | 100.0 | mg/Kg | 97% | | 80-120 |
| Beryllium | 91.25 | 100.0 | mg/Kg | 91% | | 80-120 |
| Cadmium | 91.97 | 100.0 | mg/Kg | 92% | | 80-120 |
| Chromium | 92.36 | 100.0 | mg/Kg | 92% | | 80-120 |
| Cobalt | 96.12 | 100.0 | mg/Kg | 96% | | 80-120 |
| Copper | 91.11 | 100.0 | mg/Kg | 91% | | 80-120 |
| Lead | 98.19 | 100.0 | mg/Kg | 98% | | 80-120 |
| Molybdenum | 94.17 | 100.0 | mg/Kg | 94% | | 80-120 |
| Nickel | 95.71 | 100.0 | mg/Kg | 96% | | 80-120 |
| Selenium | 87.31 | 100.0 | mg/Kg | 87% | | 80-120 |
| Silver | 94.91 | 100.0 | mg/Kg | 95% | | 80-120 |
| Thallium | 97.41 | 100.0 | mg/Kg | 97% | | 80-120 |
| Vanadium | 97.30 | 100.0 | mg/Kg | 97% | | 80-120 |
| Zinc | 98.58 | 100.0 | mg/Kg | 99% | | 80-120 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: | Matrix Spike | Lab ID: | QC884782 | Batch: | 252358 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-089) | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC884782 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Antimony | 982.4 | 725.5 | 107.5 | mg/Kg | 239% | NM | 75-125 | 1.1 |
| Arsenic | 135.1 | 22.93 | 107.5 | mg/Kg | 104% | | 75-125 | 1.1 |
| Barium | 440.9 | 280.3 | 107.5 | mg/Kg | 149% | * | 75-125 | 1.1 |
| Beryllium | 103.5 | 0.3993 | 107.5 | mg/Kg | 96% | | 75-125 | 1.1 |
| Cadmium | 112.6 | 5.043 | 107.5 | mg/Kg | 100% | | 75-125 | 1.1 |
| Chromium | 332.1 | 184.5 | 107.5 | mg/Kg | 137% | * | 75-125 | 1.1 |
| Cobalt | 125.5 | 16.68 | 107.5 | mg/Kg | 101% | | 75-125 | 1.1 |
| Copper | 241.5 | 112.0 | 107.5 | mg/Kg | 120% | | 75-125 | 1.1 |
| Lead | 5,013 | 4115 | 107.5 | mg/Kg | 835% | NM | 75-125 | 1.1 |
| Molybdenum | 152.2 | 35.98 | 107.5 | mg/Kg | 108% | | 75-125 | 1.1 |
| Nickel | 134.7 | 25.89 | 107.5 | mg/Kg | 101% | | 75-125 | 1.1 |
| Selenium | 103.5 | ND | 107.5 | mg/Kg | 96% | | 75-125 | 1.1 |
| Silver | 102.3 | 0.5899 | 107.5 | mg/Kg | 95% | | 75-125 | 1.1 |
| Thallium | 103.9 | ND | 107.5 | mg/Kg | 97% | | 75-125 | 1.1 |
| Vanadium | 140.6 | 25.63 | 107.5 | mg/Kg | 107% | | 75-125 | 1.1 |
| Zinc | 738.4 | 541.8 | 107.5 | mg/Kg | 183% | NM | 75-125 | 1.1 |

| Type: | Matrix Spike Duplicate | Lab ID: | QC884783 | Batch: | 252358 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-089) | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC884783 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 983.4 | 725.5 | 107.5 | mg/Kg | 240% | NM | 75-125 | 0 | 41 | 1.1 |
| Arsenic | 135.2 | 22.93 | 107.5 | mg/Kg | 104% | | 75-125 | 0 | 35 | 1.1 |
| Barium | 442.8 | 280.3 | 107.5 | mg/Kg | 151% | * | 75-125 | 0 | 20 | 1.1 |
| Beryllium | 103.1 | 0.3993 | 107.5 | mg/Kg | 96% | | 75-125 | 0 | 20 | 1.1 |
| Cadmium | 112.7 | 5.043 | 107.5 | mg/Kg | 100% | | 75-125 | 0 | 20 | 1.1 |
| Chromium | 331.0 | 184.5 | 107.5 | mg/Kg | 136% | * | 75-125 | 0 | 20 | 1.1 |
| Cobalt | 125.5 | 16.68 | 107.5 | mg/Kg | 101% | | 75-125 | 0 | 20 | 1.1 |
| Copper | 241.1 | 112.0 | 107.5 | mg/Kg | 120% | | 75-125 | 0 | 20 | 1.1 |
| Lead | 5,013 | 4115 | 107.5 | mg/Kg | 835% | NM | 75-125 | 0 | 20 | 1.1 |
| Molybdenum | 152.0 | 35.98 | 107.5 | mg/Kg | 108% | | 75-125 | 0 | 20 | 1.1 |
| Nickel | 135.0 | 25.89 | 107.5 | mg/Kg | 101% | | 75-125 | 0 | 20 | 1.1 |
| Selenium | 103.8 | ND | 107.5 | mg/Kg | 97% | | 75-125 | 0 | 20 | 1.1 |
| Silver | 102.2 | 0.5899 | 107.5 | mg/Kg | 95% | | 75-125 | 0 | 20 | 1.1 |
| Thallium | 104.2 | ND | 107.5 | mg/Kg | 97% | | 75-125 | 0 | 20 | 1.1 |
| Vanadium | 140.9 | 25.63 | 107.5 | mg/Kg | 107% | | 75-125 | 0 | 20 | 1.1 |
| Zinc | 737.8 | 541.8 | 107.5 | mg/Kg | 182% | NM | 75-125 | 0 | 20 | 1.1 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Blank** | **Lab ID: QC884832** | **Batch: 252394** |
| **Matrix: Soil** | **Method: EPA 6010B** | **Prep Method: EPA 3050B** |

| QC884832 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Antimony | ND | | mg/Kg | 3.0 | 1.6 | 09/09/20 | 09/10/20 |
| Arsenic | ND | | mg/Kg | 1.0 | 0.67 | 09/09/20 | 09/10/20 |
| Barium | ND | | mg/Kg | 1.0 | 0.11 | 09/09/20 | 09/10/20 |
| Beryllium | ND | | mg/Kg | 0.50 | 0.067 | 09/09/20 | 09/10/20 |
| Cadmium | ND | | mg/Kg | 0.50 | 0.094 | 09/09/20 | 09/10/20 |
| Chromium | ND | | mg/Kg | 1.0 | 0.096 | 09/09/20 | 09/10/20 |
| Cobalt | ND | | mg/Kg | 0.50 | 0.086 | 09/09/20 | 09/10/20 |
| Copper | ND | | mg/Kg | 1.0 | 0.42 | 09/09/20 | 09/10/20 |
| Lead | ND | | mg/Kg | 1.0 | 0.84 | 09/09/20 | 09/10/20 |
| Molybdenum | ND | | mg/Kg | 1.0 | 0.59 | 09/09/20 | 09/10/20 |
| Nickel | ND | | mg/Kg | 1.0 | 0.26 | 09/09/20 | 09/10/20 |
| Selenium | ND | | mg/Kg | 3.0 | 1.8 | 09/09/20 | 09/10/20 |
| Silver | ND | | mg/Kg | 0.50 | 0.16 | 09/09/20 | 09/10/20 |
| Thallium | ND | | mg/Kg | 3.0 | 1.1 | 09/09/20 | 09/10/20 |
| Vanadium | ND | | mg/Kg | 1.0 | 0.26 | 09/09/20 | 09/10/20 |
| Zinc | ND | | mg/Kg | 5.0 | 0.75 | 09/09/20 | 09/10/20 |

| | | |
|---|---|---|
| **Type: Lab Control Sample** | **Lab ID: QC884833** | **Batch: 252394** |
| **Matrix: Soil** | **Method: EPA 6010B** | **Prep Method: EPA 3050B** |

| QC884833 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Antimony | 101.1 | 100.0 | mg/Kg | 101% | | 80-120 |
| Arsenic | 99.29 | 100.0 | mg/Kg | 99% | | 80-120 |
| Barium | 104.6 | 100.0 | mg/Kg | 105% | | 80-120 |
| Beryllium | 100.6 | 100.0 | mg/Kg | 101% | | 80-120 |
| Cadmium | 102.0 | 100.0 | mg/Kg | 102% | | 80-120 |
| Chromium | 100.3 | 100.0 | mg/Kg | 100% | | 80-120 |
| Cobalt | 105.4 | 100.0 | mg/Kg | 105% | | 80-120 |
| Copper | 98.54 | 100.0 | mg/Kg | 99% | | 80-120 |
| Lead | 104.6 | 100.0 | mg/Kg | 105% | | 80-120 |
| Molybdenum | 103.2 | 100.0 | mg/Kg | 103% | | 80-120 |
| Nickel | 104.2 | 100.0 | mg/Kg | 104% | | 80-120 |
| Selenium | 94.95 | 100.0 | mg/Kg | 95% | | 80-120 |
| Silver | 96.91 | 100.0 | mg/Kg | 97% | | 80-120 |
| Thallium | 107.3 | 100.0 | mg/Kg | 107% | | 80-120 |
| Vanadium | 104.7 | 100.0 | mg/Kg | 105% | | 80-120 |
| Zinc | 104.3 | 100.0 | mg/Kg | 104% | | 80-120 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: | Matrix Spike | Lab ID: | QC884834 | Batch: | 252394 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-038) | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC884834 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Antimony | 27.39 | 2.653 | 93.46 | mg/Kg | 26% | * | 75-125 | 0.93 |
| Arsenic | 111.7 | 17.96 | 93.46 | mg/Kg | 100% | | 75-125 | 0.93 |
| Barium | 276.1 | 172.9 | 93.46 | mg/Kg | 110% | | 75-125 | 0.93 |
| Beryllium | 93.38 | 0.5513 | 93.46 | mg/Kg | 99% | | 75-125 | 0.93 |
| Cadmium | 97.76 | ND | 93.46 | mg/Kg | 105% | | 75-125 | 0.93 |
| Chromium | 119.5 | 24.61 | 93.46 | mg/Kg | 102% | | 75-125 | 0.93 |
| Cobalt | 104.6 | 9.999 | 93.46 | mg/Kg | 101% | | 75-125 | 0.93 |
| Copper | 116.9 | 23.57 | 93.46 | mg/Kg | 100% | | 75-125 | 0.93 |
| Lead | 100.2 | 8.358 | 93.46 | mg/Kg | 98% | | 75-125 | 0.93 |
| Molybdenum | 92.10 | ND | 93.46 | mg/Kg | 99% | | 75-125 | 0.93 |
| Nickel | 111.3 | 18.31 | 93.46 | mg/Kg | 100% | | 75-125 | 0.93 |
| Selenium | 90.08 | ND | 93.46 | mg/Kg | 96% | | 75-125 | 0.93 |
| Silver | 89.98 | ND | 93.46 | mg/Kg | 96% | | 75-125 | 0.93 |
| Thallium | 93.91 | ND | 93.46 | mg/Kg | 100% | | 75-125 | 0.93 |
| Vanadium | 147.6 | 47.19 | 93.46 | mg/Kg | 107% | | 75-125 | 0.93 |
| Zinc | 158.3 | 59.59 | 93.46 | mg/Kg | 106% | | 75-125 | 0.93 |

| Type: | Matrix Spike Duplicate | Lab ID: | QC884835 | Batch: | 252394 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (432615-038) | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC884835 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 27.89 | 2.653 | 94.34 | mg/Kg | 27% | * | 75-125 | 1 | 41 | 0.94 |
| Arsenic | 116.5 | 17.96 | 94.34 | mg/Kg | 104% | | 75-125 | 3 | 35 | 0.94 |
| Barium | 283.0 | 172.9 | 94.34 | mg/Kg | 117% | | 75-125 | 2 | 20 | 0.94 |
| Beryllium | 95.46 | 0.5513 | 94.34 | mg/Kg | 101% | | 75-125 | 1 | 20 | 0.94 |
| Cadmium | 99.99 | ND | 94.34 | mg/Kg | 106% | | 75-125 | 1 | 20 | 0.94 |
| Chromium | 121.7 | 24.61 | 94.34 | mg/Kg | 103% | | 75-125 | 1 | 20 | 0.94 |
| Cobalt | 106.5 | 9.999 | 94.34 | mg/Kg | 102% | | 75-125 | 1 | 20 | 0.94 |
| Copper | 117.3 | 23.57 | 94.34 | mg/Kg | 99% | | 75-125 | 0 | 20 | 0.94 |
| Lead | 101.9 | 8.358 | 94.34 | mg/Kg | 99% | | 75-125 | 1 | 20 | 0.94 |
| Molybdenum | 93.83 | ND | 94.34 | mg/Kg | 99% | | 75-125 | 1 | 20 | 0.94 |
| Nickel | 113.2 | 18.31 | 94.34 | mg/Kg | 101% | | 75-125 | 1 | 20 | 0.94 |
| Selenium | 92.90 | ND | 94.34 | mg/Kg | 98% | | 75-125 | 2 | 20 | 0.94 |
| Silver | 91.24 | ND | 94.34 | mg/Kg | 97% | | 75-125 | 0 | 20 | 0.94 |
| Thallium | 95.34 | ND | 94.34 | mg/Kg | 101% | | 75-125 | 1 | 20 | 0.94 |
| Vanadium | 150.6 | 47.19 | 94.34 | mg/Kg | 110% | | 75-125 | 1 | 20 | 0.94 |
| Zinc | 159.0 | 59.59 | 94.34 | mg/Kg | 105% | | 75-125 | 0 | 20 | 0.94 |

# Batch QC

| Type: Blank | Lab ID: QC884920 | Batch: 252425 |
|---|---|---|
| Matrix: Soil | Method: EPA 7471A | Prep Method: METHOD |

| QC884920 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Mercury | ND | | mg/Kg | 0.14 | 0.039 | 09/09/20 | 09/09/20 |

| Type: Lab Control Sample | Lab ID: QC884921 | Batch: 252425 |
|---|---|---|
| Matrix: Soil | Method: EPA 7471A | Prep Method: METHOD |

| QC884921 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Mercury | 0.8227 | 0.8333 | mg/Kg | 99% | | 80-120 |

| Type: Matrix Spike | Lab ID: QC884922 | Batch: 252425 |
|---|---|---|
| Matrix (Source ID): Soil (432615-038) | Method: EPA 7471A | Prep Method: METHOD |

| QC884922 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Mercury | 0.7910 | ND | 0.7576 | mg/Kg | 104% | | 75-125 | 0.91 |

| Type: Matrix Spike Duplicate | Lab ID: QC884923 | Batch: 252425 |
|---|---|---|
| Matrix (Source ID): Soil (432615-038) | Method: EPA 7471A | Prep Method: METHOD |

| QC884923 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.7824 | ND | 0.7692 | mg/Kg | 102% | | 75-125 | 3 | 20 | 0.92 |

| Type: Blank | Lab ID: QC885261 | Batch: 252543 |
|---|---|---|
| Matrix: Soil | Method: EPA 6010B | Prep Method: EPA 3050B |

| QC885261 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Arsenic | ND | | mg/Kg | 1.0 | 0.67 | 09/11/20 | 09/11/20 |
| Lead | ND | | mg/Kg | 1.0 | 0.84 | 09/11/20 | 09/11/20 |

| Type: Lab Control Sample | Lab ID: QC885262 | Batch: 252543 |
|---|---|---|
| Matrix: Soil | Method: EPA 6010B | Prep Method: EPA 3050B |

| QC885262 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Arsenic | 99.15 | 100.0 | mg/Kg | 99% | | 80-120 |
| Lead | 105.7 | 100.0 | mg/Kg | 106% | | 80-120 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: | Matrix Spike | Lab ID: | QC885263 | Batch: | 252543 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (433239-001) | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC885263 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Arsenic | 101.1 | 5.276 | 94.34 | mg/Kg | 102% | | 75-125 | 0.94 |
| Lead | 200.2 | 14.03 | 94.34 | mg/Kg | 197% | * | 75-125 | 0.94 |

| Type: | Matrix Spike Duplicate | Lab ID: | QC885264 | Batch: | 252543 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (433239-001) | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC885264 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 105.6 | 5.276 | 96.15 | mg/Kg | 104% | | 75-125 | 3 | 35 | 0.96 |
| Lead | 113.7 | 14.03 | 96.15 | mg/Kg | 104% | | 75-125 | 57* | 20 | 0.96 |

| Type: | Blank | Lab ID: | QC885441 | Batch: | 252610 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC885441 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Antimony | ND | | mg/Kg | 3.0 | 1.6 | 09/14/20 | 09/15/20 |
| Arsenic | ND | | mg/Kg | 1.0 | 0.67 | 09/14/20 | 09/15/20 |
| Lead | ND | | mg/Kg | 1.0 | 0.84 | 09/14/20 | 09/15/20 |

| Type: | Lab Control Sample | Lab ID: | QC885442 | Batch: | 252610 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC885442 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Antimony | 105.0 | 100.0 | mg/Kg | 105% | | 80-120 |
| Arsenic | 102.7 | 100.0 | mg/Kg | 103% | | 80-120 |
| Lead | 107.8 | 100.0 | mg/Kg | 108% | | 80-120 |

| Type: | Matrix Spike | Lab ID: | QC885443 | Batch: | 252610 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (433379-001) | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC885443 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Antimony | 36.75 | ND | 92.59 | mg/Kg | 40% | * | 75-125 | 0.93 |
| Arsenic | 106.0 | 10.46 | 92.59 | mg/Kg | 103% | | 75-125 | 0.93 |
| Lead | 106.7 | 12.29 | 92.59 | mg/Kg | 102% | | 75-125 | 0.93 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC885444** | **Batch:** | **252610** |
| **Matrix (Source ID):** | **Soil (433379-001)** | **Method:** | **EPA 6010B** | **Prep Method:** | **EPA 3050B** |

| QC885444 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 40.69 | ND | 92.59 | mg/Kg | 44% | * | 75-125 | 10 | 41 | 0.93 |
| Arsenic | 106.4 | 10.46 | 92.59 | mg/Kg | 104% | | 75-125 | 0 | 35 | 0.93 |
| Lead | 116.0 | 12.29 | 92.59 | mg/Kg | 112% | | 75-125 | 8 | 20 | 0.93 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC885512** | **Batch:** | **252650** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8082** | **Prep Method:** | **EPA 3546** |

| QC885512 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 09/14/20 | 09/17/20 |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 09/14/20 | 09/17/20 |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 09/14/20 | 09/17/20 |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 09/14/20 | 09/17/20 |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 09/14/20 | 09/17/20 |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 09/14/20 | 09/17/20 |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 09/14/20 | 09/17/20 |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 09/14/20 | 09/17/20 |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 09/14/20 | 09/17/20 |
| **Surrogates** | | | | **Limits** | | | |
| Decachlorobiphenyl (PCB) | 68% | | %REC | 19-121 | | 09/14/20 | 09/17/20 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample** | **Lab ID:** | **QC885516** | **Batch:** | **252650** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8082** | **Prep Method:** | **EPA 3546** |

| QC885516 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Aroclor-1016 | 589.7 | 500.0 | ug/Kg | 118% | | 14-150 |
| Aroclor-1260 | 490.2 | 500.0 | ug/Kg | 98% | | 10-150 |
| **Surrogates** | | | | | | |
| Decachlorobiphenyl (PCB) | 53.24 | 50.00 | ug/Kg | 106% | | 19-121 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike** | **Lab ID:** | **QC885517** | **Batch:** | **252650** |
| **Matrix (Source ID):** | **Soil (433391-005)** | **Method:** | **EPA 8082** | **Prep Method:** | **EPA 3546** |

| QC885517 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 658.9 | ND | 500.0 | ug/Kg | 132% | * | 42-127 | 1 |
| Aroclor-1260 | 530.0 | ND | 500.0 | ug/Kg | 106% | | 38-130 | 1 |
| **Surrogates** | | | | | | | | |
| Decachlorobiphenyl (PCB) | 45.74 | | 50.00 | ug/Kg | 91% | | 19-121 | 1 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC885518** | **Batch:** | **252650** |
| **Matrix (Source ID):** | **Soil (433391-005)** | **Method:** | **EPA 8082** | **Prep Method:** | **EPA 3546** |

| QC885518 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 619.2 | ND | 500.0 | ug/Kg | 124% | | 42-127 | 6 | 30 | 1 |
| Aroclor-1260 | 502.4 | ND | 500.0 | ug/Kg | 100% | | 38-130 | 5 | 30 | 1 |
| **Surrogates** | | | | | | | | | | |
| Decachlorobiphenyl (PCB) | 43.10 | | 50.00 | ug/Kg | 86% | | 19-121 | | | 1 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC885705** | **Batch:** | **252729** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8082** | **Prep Method:** | **EPA 3546** |

| QC885705 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 09/15/20 | 09/17/20 |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 09/15/20 | 09/17/20 |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.5 | 09/15/20 | 09/17/20 |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 09/15/20 | 09/17/20 |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 09/15/20 | 09/17/20 |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 09/15/20 | 09/17/20 |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.9 | 09/15/20 | 09/17/20 |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 09/15/20 | 09/17/20 |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.6 | 09/15/20 | 09/17/20 |
| **Surrogates** | | | | **Limits** | | | |
| Decachlorobiphenyl (PCB) | 108% | | %REC | 19-121 | | 09/15/20 | 09/17/20 |

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample** | **Lab ID:** | **QC885709** | **Batch:** | **252729** |
| **Matrix:** | **Soil** | **Method:** | **EPA 8082** | **Prep Method:** | **EPA 3546** |

| QC885709 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Aroclor-1016 | 511.0 | 500.0 | ug/Kg | 102% | | 14-150 |
| Aroclor-1260 | 406.1 | 500.0 | ug/Kg | 81% | | 10-150 |
| **Surrogates** | | | | | | |
| Decachlorobiphenyl (PCB) | 34.63 | 50.00 | ug/Kg | 69% | | 19-121 |

# Batch QC

| Type: | Matrix Spike | Lab ID: | QC885710 | Batch: | 252729 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (433444-008) | Method: | EPA 8082 | Prep Method: | EPA 3546 |

| QC885710 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 529.8 | ND | 500.0 | ug/Kg | 106% | | 42-127 | 1 |
| Aroclor-1260 | 442.9 | ND | 500.0 | ug/Kg | 89% | | 38-130 | 1 |
| **Surrogates** | | | | | | | | |
| Decachlorobiphenyl (PCB) | 40.20 | | 50.00 | ug/Kg | 80% | | 19-121 | 1 |

| Type: | Matrix Spike Duplicate | Lab ID: | QC885711 | Batch: | 252729 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (433444-008) | Method: | EPA 8082 | Prep Method: | EPA 3546 |

| QC885711 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 516.3 | ND | 500.0 | ug/Kg | 103% | | 42-127 | 3 | 30 | 1 |
| Aroclor-1260 | 465.4 | ND | 500.0 | ug/Kg | 93% | | 38-130 | 5 | 30 | 1 |
| **Surrogates** | | | | | | | | | | |
| Decachlorobiphenyl (PCB) | 39.78 | | 50.00 | ug/Kg | 80% | | 19-121 | | | 1 |

| Type: | Blank | Lab ID: | QC887092 | Batch: | 253260 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC887092 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Lead | ND | | mg/Kg | 1.0 | 0.84 | 09/25/20 | 09/27/20 |

| Type: | Lab Control Sample | Lab ID: | QC887093 | Batch: | 253260 |
|---|---|---|---|---|---|
| Matrix: | Soil | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC887093 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Lead | 208.5 | 200.0 | mg/Kg | 104% | | 80-120 |

| Type: | Matrix Spike | Lab ID: | QC887094 | Batch: | 253260 |
|---|---|---|---|---|---|
| Matrix (Source ID): | Soil (433903-001) | Method: | EPA 6010B | Prep Method: | EPA 3050B |

| QC887094 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Lead | 214.6 | 10.65 | 208.3 | mg/Kg | 98% | | 75-125 | 1 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC887095** | **Batch:** | **253260** |
| **Matrix (Source ID):** | **Soil (433903-001)** | **Method:** | **EPA 6010B** | **Prep Method:** | **EPA 3050B** |

| QC887095 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Lead | 213.2 | 10.65 | 206.2 | mg/Kg | 98% | | 75-125 | 0 | 20 | 1 |

| | | | |
|---|---|---|---|
| **Type:** **Blank** | **Lab ID:** **QC890176** | **Batch:** **254414** | |
| **Matrix:** **Soil** | **Method:** **EPA 8082** | **Prep Method:** **EPA 3546** | |

| QC890176 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| Aroclor-1016 | ND | | ug/Kg | 50 | 3.0 | 10/15/20 | 10/15/20 |
| Aroclor-1221 | ND | | ug/Kg | 50 | 14 | 10/15/20 | 10/15/20 |
| Aroclor-1232 | ND | | ug/Kg | 50 | 9.4 | 10/15/20 | 10/15/20 |
| Aroclor-1242 | ND | | ug/Kg | 50 | 14 | 10/15/20 | 10/15/20 |
| Aroclor-1248 | ND | | ug/Kg | 50 | 19 | 10/15/20 | 10/15/20 |
| Aroclor-1254 | ND | | ug/Kg | 50 | 20 | 10/15/20 | 10/15/20 |
| Aroclor-1260 | ND | | ug/Kg | 50 | 6.8 | 10/15/20 | 10/15/20 |
| Aroclor-1262 | ND | | ug/Kg | 50 | 17 | 10/15/20 | 10/15/20 |
| Aroclor-1268 | ND | | ug/Kg | 50 | 8.5 | 10/15/20 | 10/15/20 |
| **Surrogates** | | | | **Limits** | | | |
| Decachlorobiphenyl (PCB) | 95% | | %REC | 19-121 | | 10/15/20 | 10/15/20 |

| | | | |
|---|---|---|---|
| **Type:** **Lab Control Sample** | **Lab ID:** **QC890180** | **Batch:** **254414** | |
| **Matrix:** **Soil** | **Method:** **EPA 8082** | **Prep Method:** **EPA 3546** | |

| QC890180 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Aroclor-1016 | 602.2 | 500.0 | ug/Kg | 120% | | 14-150 |
| Aroclor-1260 | 611.8 | 500.0 | ug/Kg | 122% | | 10-150 |
| **Surrogates** | | | | | | |
| Decachlorobiphenyl (PCB) | 69.39 | 50.00 | ug/Kg | 139% | * | 19-121 |

| | | | |
|---|---|---|---|
| **Type:** **Matrix Spike** | **Lab ID:** **QC890181** | **Batch:** **254414** | |
| **Matrix (Source ID):** **Soil (434858-001)** | **Method:** **EPA 8082** | **Prep Method:** **EPA 3546** | |

| QC890181 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | DF |
|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 308.8 | ND | 495.0 | ug/Kg | 62% | | 42-127 | 0.99 |
| Aroclor-1260 | 576.3 | 35.08 | 495.0 | ug/Kg | 116% | | 38-130 | 0.99 |
| **Surrogates** | | | | | | | | |
| Decachlorobiphenyl (PCB) | 59.36 | | 49.50 | ug/Kg | 120% | | 19-121 | 0.99 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Matrix Spike Duplicate** | **Lab ID:** | **QC890182** | **Batch:** | **254414** |
| **Matrix (Source ID):** | **Soil (434858-001)** | **Method:** | **EPA 8082** | **Prep Method:** | **EPA 3546** |

| QC890182 Analyte | Result | Source Sample Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 | 435.2 | ND | 500.0 | ug/Kg | 87% | | 42-127 | 33* | 30 | 1 |
| Aroclor-1260 | 514.2 | 35.08 | 500.0 | ug/Kg | 103% | | 38-130 | 12 | 30 | 1 |
| **Surrogates** | | | | | | | | | | |
| Decachlorobiphenyl (PCB) | 53.18 | | 50.00 | ug/Kg | 106% | | 19-121 | | | 1 |

* Value is outside QC limits
J Estimated value
ND Not Detected
NM Not Meaningful: Sample concentration > 4X spike concentration
b See narrative

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

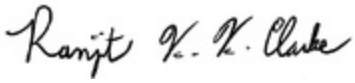
Lab Job Number: 433785
Report Level: II
Report Date: 09/25/2020

**Analytical Report** *prepared for:*

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Project: SOUTH EL MONTE - 2212 Rosemead Blvd. El Monte, CA

*Authorized for release by:*



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

# Sample Summary

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

| | |
|---|---|
| Lab Job #: | 433785 |
| Project No: | SOUTH EL MONTE |
| Location: | 2212 Rosemead Blvd. El Monte, CA |
| Date Received: | 09/18/20 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| HP-1-10' | 433785-001 | 09/18/20 08:25 | Soil |
| HP-1-20' | 433785-002 | 09/18/20 08:35 | Soil |
| HP-1-30' | 433785-003 | 09/18/20 08:45 | Soil |
| HP-1-40' | 433785-004 | 09/18/20 08:55 | Soil |
| HP-1-GW | 433785-005 | 09/18/20 09:10 | Water |

# ENTHALPY ANALYTICAL

## Chain of Custody Record

Lab No: 433785

Page: 1 of 1

**Turn Around Time (rush by advanced notice only)**

| | | | | | |
|---|---|---|---|---|---|
| Standard: | X | 5 Day: | | 3 Day: | |
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | VL/MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request: VOCs - 8260/5035 | Analysis Request: VOCs 8260B |
|---|---|---|---|---|---|---|---|---|
| 1 | HP-1-10' | 9-18-20 | 0825 | So | 3 | Na Thio, MeOH | X | |
| 2 | HP-1-20' | " | 0835 | So | 3 | " | X | |
| 3 | HP-1-30' | " | 0845 | So | 3 | " | X | |
| 4 | HP-1-40' | " | 0855 | So | 3 | " | X | |
| 5 | ~~HP-1-50'~~ | | | | | | X | |
| 6 | HP-1-60' | | | | | | X | |
| 7 | HP-1-GW | 9-14-20 | 0910 | GW | 3 | HCl | | X |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |

**Test Instructions / Comments**

Report MDLs and flags

Archive all Sleeves

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Mike Zeko | EEC | 9-18-20 / 1735 |
| [1] Received By: | | Christine C. | EA | 9/19/20 1735 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |

ENTHALPY ANALYTICAL

# SAMPLE ACCEPTANCE CHECKLIST

**Section 1**

Client: EEC Environmental

Project: South El Monte

Date Received: 9/18/20

Sampler's Name Present: ☑ Yes ☐ No

**Section 2**

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 7.0 #2: _____ #3: _____ #4: _____

*(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)*

Shipping Information: _____

**Section 3**

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.7 #2: _____ #3: _____ #4: _____

| Section 4 | YES | NO | N/A |
|---|---|---|---|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | | | ✓ |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | ✓ | | |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | | ✓ | |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

**Section 5** Explanations/Comments

**Section 6**

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____/_____

Project Manager's response:

Completed By: _____ Date: 9/10/20

ENTHALPY ANALYTICAL

# Analysis Results for 433785

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Lab Job #: 433785
Project No: SOUTH EL MONTE
Location: 2212 Rosemead Blvd. El Monte, CA
Date Received: 09/18/20

**Sample ID: HP-1-10'** **Lab ID: 433785-001** **Collected: 09/18/20 08:25**
**Matrix: Soil**

| 433785-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.3 | 0.29 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.3 | 0.71 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.4 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.3 | 0.34 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Acetone | ND | | ug/Kg | 110 | 53 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.3 | 0.79 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.3 | 0.19 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Methylene Chloride | **3.3** | B,J | ug/Kg | 5.3 | 0.70 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| MTBE | ND | | ug/Kg | 5.3 | 0.47 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 110 | 3.4 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.3 | 0.45 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.3 | 0.35 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Benzene | ND | | ug/Kg | 5.3 | 0.22 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.60 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 5.3 | 0.59 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433785

| 433785-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.3 | 2.0 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Toluene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.3 | 0.61 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Tetrachloroethene | ND | | ug/Kg | 5.3 | 0.62 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.3 | 0.28 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 5.3 | 0.47 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.88 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| o-Xylene | ND | | ug/Kg | 5.3 | 0.33 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Styrene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.3 | 0.78 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.50 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.3 | 0.70 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.3 | 0.68 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.95 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.3 | 0.64 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Naphthalene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 5.3 | | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | 1.4 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichloroethane-d4 | 105% | | %REC | 70-145 | | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromofluorobenzene | 98% | | %REC | 70-145 | 1.6 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433785

| Sample ID: HP-1-20' | Lab ID: 433785-002 | Collected: 09/18/20 08:35 |
|---|---|---|
| | Matrix: Soil | |

| 433785-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.4 | 0.30 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.4 | 0.58 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.4 | 0.93 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.4 | 0.29 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.4 | 0.52 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.4 | 0.73 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.6 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.4 | 0.47 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.4 | 0.39 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.4 | 0.47 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.4 | 0.33 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.4 | 0.35 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.4 | 0.30 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Acetone | ND | | ug/Kg | 110 | 54 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.4 | 0.80 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Methylene Chloride | **3.7** | B,J | ug/Kg | 5.4 | 0.72 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| MTBE | ND | | ug/Kg | 5.4 | 0.48 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.4 | 0.38 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.4 | 0.43 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 110 | 3.5 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.4 | 0.58 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.4 | 0.58 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.4 | 0.38 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.4 | 0.38 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.4 | 0.49 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.4 | 0.46 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.4 | 0.36 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.4 | 0.52 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Benzene | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Trichloroethene | **0.64** | J | ug/Kg | 5.4 | 0.58 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.4 | 0.61 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.4 | 0.54 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 5.4 | 0.60 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.4 | 2.1 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.4 | 0.33 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Toluene | **0.99** | J | ug/Kg | 5.4 | 0.49 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.4 | 0.43 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.4 | 0.62 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.4 | 0.50 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433785

| 433785-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **4.2** | J | ug/Kg | 5.4 | 0.63 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.4 | 0.41 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.4 | 0.55 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.4 | 0.28 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.4 | 0.52 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 5.4 | 0.48 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.90 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| o-Xylene | ND | | ug/Kg | 5.4 | 0.34 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Styrene | ND | | ug/Kg | 5.4 | 0.50 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.4 | 0.54 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.4 | 0.39 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.4 | 0.41 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.4 | 0.79 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.4 | 0.41 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.4 | 0.37 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.4 | 0.43 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.4 | 0.50 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.4 | 0.55 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.4 | 0.37 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.4 | 0.49 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.4 | 0.49 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.4 | 0.59 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.51 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.50 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.4 | 0.72 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.58 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.4 | 0.70 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.4 | 0.97 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.4 | 0.65 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Naphthalene | ND | | ug/Kg | 5.4 | 0.93 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.4 | 0.59 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 5.4 | | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 99% | | %REC | 70-145 | 1.4 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichloroethane-d4 | 102% | | %REC | 70-145 | | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Toluene-d8 | 102% | | %REC | 70-145 | | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromofluorobenzene | 98% | | %REC | 70-145 | 1.6 | 1.1 | 253019 | 09/22/20 | 09/22/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433785

| Sample ID: HP-1-30' | Lab ID: 433785-003 | Collected: 09/18/20 08:45 |
|---|---|---|
| | Matrix: Soil | |

| 433785-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.1 | 0.34 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.1 | 0.65 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.1 | 1.0 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.1 | 0.33 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.1 | 0.59 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.1 | 0.82 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 12 | 11 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Freon 12 | ND | | ug/Kg | 6.1 | 0.52 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chloromethane | ND | | ug/Kg | 6.1 | 0.44 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 6.1 | 0.52 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromomethane | ND | | ug/Kg | 6.1 | 0.37 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chloroethane | ND | | ug/Kg | 6.1 | 0.39 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 6.1 | 0.34 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Acetone | ND | | ug/Kg | 120 | 61 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Freon 113 | ND | | ug/Kg | 6.1 | 0.90 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.1 | 0.22 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Methylene Chloride | **2.8** | B,J | ug/Kg | 6.1 | 0.80 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| MTBE | ND | | ug/Kg | 6.1 | 0.54 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.1 | 0.43 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 6.1 | 0.49 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 120 | 3.9 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 6.1 | 0.65 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.1 | 0.65 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chloroform | ND | | ug/Kg | 6.1 | 0.43 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 6.1 | 0.43 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.1 | 0.55 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.1 | 0.51 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 6.1 | 0.40 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.1 | 0.59 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Benzene | **0.32** | J | ug/Kg | 6.1 | 0.26 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 6.1 | 0.65 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.1 | 0.68 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 6.1 | 0.61 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 6.1 | 0.67 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 6.1 | 2.3 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.1 | 0.37 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Toluene | ND | | ug/Kg | 6.1 | 0.55 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.1 | 0.49 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.1 | 0.70 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.1 | 0.56 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433785

| 433785-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **1.8** | J | ug/Kg | 6.1 | 0.71 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 6.1 | 0.46 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.1 | 0.62 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 6.1 | 0.32 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.1 | 0.59 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 6.1 | 0.54 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 12 | 1.0 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| o-Xylene | ND | | ug/Kg | 6.1 | 0.38 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Styrene | ND | | ug/Kg | 6.1 | 0.56 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromoform | ND | | ug/Kg | 6.1 | 0.61 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 6.1 | 0.44 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.1 | 0.46 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.1 | 0.89 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 6.1 | 0.46 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 6.1 | 0.41 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.1 | 0.49 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 6.1 | 0.56 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 6.1 | 0.62 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 6.1 | 0.41 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.1 | 0.55 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 6.1 | 0.55 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.1 | 0.66 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.1 | 0.57 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.1 | 0.56 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 6.1 | 0.80 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.1 | 0.65 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.1 | 0.78 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.1 | 1.1 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 6.1 | 0.73 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Naphthalene | ND | | ug/Kg | 6.1 | 1.0 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.1 | 0.66 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 6.1 | | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 99% | | %REC | 70-145 | 1.6 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| 1,2-Dichloroethane-d4 | 102% | | %REC | 70-145 | | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Toluene-d8 | 102% | | %REC | 70-145 | | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |
| Bromofluorobenzene | 97% | | %REC | 70-145 | 1.8 | 1.2 | 253019 | 09/22/20 | 09/22/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433785

| Sample ID: HP-1-40' | Lab ID: 433785-004 | Collected: 09/18/20 08:55 |
|---|---|---|
| | Matrix: Soil | |

| 433785-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.51 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.8 | 0.83 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.8 | 0.26 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.8 | 0.46 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.8 | 0.64 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.6 | 8.5 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 12 | ND | | ug/Kg | 4.8 | 0.41 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloromethane | ND | | ug/Kg | 4.8 | 0.35 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 4.8 | 0.41 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromomethane | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroethane | ND | | ug/Kg | 4.8 | 0.31 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 4.8 | 0.27 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Acetone | ND | | ug/Kg | 96 | 48 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 113 | ND | | ug/Kg | 4.8 | 0.71 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.8 | 0.17 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methylene Chloride | **2.6** | B,J | ug/Kg | 4.8 | 0.63 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| MTBE | ND | | ug/Kg | 4.8 | 0.42 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.34 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.8 | 0.38 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 96 | 3.1 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.8 | 0.51 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.51 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroform | ND | | ug/Kg | 4.8 | 0.34 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 4.8 | 0.34 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.8 | 0.43 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.8 | 0.40 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 4.8 | 0.32 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.8 | 0.46 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Benzene | ND | | ug/Kg | 4.8 | 0.20 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 4.8 | 0.51 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.8 | 0.54 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 4.8 | 0.48 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 4.8 | 0.53 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.8 | 1.8 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.29 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene | ND | | ug/Kg | 4.8 | 0.43 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.8 | 0.38 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.8 | 0.55 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.8 | 0.44 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433785

| 433785-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | ND | | ug/Kg | 4.8 | 0.56 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 4.8 | 0.37 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.8 | 0.49 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 4.8 | 0.25 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.46 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 4.8 | 0.42 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 9.6 | 0.80 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| o-Xylene | ND | | ug/Kg | 4.8 | 0.30 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Styrene | ND | | ug/Kg | 4.8 | 0.44 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromoform | ND | | ug/Kg | 4.8 | 0.48 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 4.8 | 0.35 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.8 | 0.37 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.8 | 0.70 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 4.8 | 0.37 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.38 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.44 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 4.8 | 0.49 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 4.8 | 0.33 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.8 | 0.43 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 4.8 | 0.43 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.8 | 0.52 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.45 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.44 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 4.8 | 0.63 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.8 | 0.51 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.8 | 0.62 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.86 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 4.8 | 0.58 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Naphthalene | ND | | ug/Kg | 4.8 | 0.83 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.8 | 0.52 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 4.8 | | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-145 | 1.3 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane-d4 | 108% | | %REC | 70-145 | | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene-d8 | 100% | | %REC | 70-145 | | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromofluorobenzene | 99% | | %REC | 70-145 | 1.4 | 0.96 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433785

| Sample ID: HP-1-GW | Lab ID: 433785-005 | Collected: 09/18/20 09:10 |
|---|---|---|
| | Matrix: Water | |

| 433785-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5030B | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/L | 1.0 | 0.05 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/L | 1.0 | 0.06 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/L | 1.0 | 0.08 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/L | 10 | 1.5 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Freon 12 | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Chloromethane | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Vinyl Chloride | ND | | ug/L | 5.0 | 0.08 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Bromomethane | ND | | ug/L | 5.0 | 0.7 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Chloroethane | ND | | ug/L | 5.0 | 0.5 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Trichlorofluoromethane | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Acetone | ND | | ug/L | 100 | 50 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Freon 113 | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Methylene Chloride | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| MTBE | ND | | ug/L | 1.0 | 0.08 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,1-Dichloroethane | **1.0** | J | ug/L | 5.0 | 0.09 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 2-Butanone | **2.7** | J | ug/L | 100 | 0.5 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| cis-1,2-Dichloroethene | **6.0** | | ug/L | 5.0 | 0.07 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/L | 5.0 | 0.3 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Chloroform | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Bromochloromethane | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/L | 5.0 | 0.09 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Carbon Tetrachloride | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Benzene | **0.4** | J | ug/L | 1.0 | 0.07 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Trichloroethene | **2.8** | J | ug/L | 5.0 | 0.09 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Bromodichloromethane | ND | | ug/L | 5.0 | 0.05 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Dibromomethane | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 4-Methyl-2-Pentanone | **0.8** | J | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.06 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Toluene | **0.3** | J | ug/L | 5.0 | 0.09 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433785

| 433785-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **1.6** | J | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Dibromochloromethane | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Chlorobenzene | ND | | ug/L | 5.0 | 0.08 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Ethylbenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| m,p-Xylenes | ND | | ug/L | 10 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| o-Xylene | ND | | ug/L | 5.0 | 0.05 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Styrene | ND | | ug/L | 5.0 | 0.08 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Bromoform | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Isopropylbenzene | ND | | ug/L | 5.0 | 0.09 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Propylbenzene | ND | | ug/L | 5.0 | 0.08 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Bromobenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 5.0 | 0.07 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 2-Chlorotoluene | ND | | ug/L | 5.0 | 0.09 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 4-Chlorotoluene | ND | | ug/L | 5.0 | 0.05 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| tert-Butylbenzene | ND | | ug/L | 5.0 | 0.08 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| sec-Butylbenzene | ND | | ug/L | 5.0 | 0.04 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/L | 5.0 | 0.06 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/L | 5.0 | 0.07 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| n-Butylbenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/L | 5.0 | 0.1 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Hexachlorobutadiene | ND | | ug/L | 5.0 | 0.2 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Naphthalene | ND | | ug/L | 5.0 | 0.3 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Xylene (total) | ND | | ug/L | 5.0 | | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-140 | | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| 1,2-Dichloroethane-d4 | 110% | | %REC | 70-140 | 2.5 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Toluene-d8 | 97% | | %REC | 70-140 | | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |
| Bromofluorobenzene | 94% | | %REC | 70-140 | 1.8 | 1 | 252978 | 09/21/20 | 09/21/20 | LXR |

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Blank** | **Lab ID: QC886388** | **Batch: 252978** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC886388 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 09/21/20 | 09/21/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 09/21/20 | 09/21/20 |
| Isopropyl Ether (DIPE) | ND | | ug/L | 1.0 | 0.05 | 09/21/20 | 09/21/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/L | 1.0 | 0.06 | 09/21/20 | 09/21/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/L | 1.0 | 0.08 | 09/21/20 | 09/21/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/L | 10 | 1.5 | 09/21/20 | 09/21/20 |
| Freon 12 | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| Chloromethane | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| Vinyl Chloride | ND | | ug/L | 5.0 | 0.08 | 09/21/20 | 09/21/20 |
| Bromomethane | ND | | ug/L | 5.0 | 0.7 | 09/21/20 | 09/21/20 |
| Chloroethane | ND | | ug/L | 5.0 | 0.5 | 09/21/20 | 09/21/20 |
| Trichlorofluoromethane | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| Acetone | ND | | ug/L | 100 | 50 | 09/21/20 | 09/21/20 |
| Freon 113 | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| 1,1-Dichloroethene | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| Methylene Chloride | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| MTBE | ND | | ug/L | 1.0 | 0.08 | 09/21/20 | 09/21/20 |
| trans-1,2-Dichloroethene | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| 1,1-Dichloroethane | ND | | ug/L | 5.0 | 0.09 | 09/21/20 | 09/21/20 |
| 2-Butanone | ND | | ug/L | 100 | 0.5 | 09/21/20 | 09/21/20 |
| cis-1,2-Dichloroethene | ND | | ug/L | 5.0 | 0.07 | 09/21/20 | 09/21/20 |
| 2,2-Dichloropropane | ND | | ug/L | 5.0 | 0.3 | 09/21/20 | 09/21/20 |
| Chloroform | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| Bromochloromethane | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| 1,1,1-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| 1,1-Dichloropropene | ND | | ug/L | 5.0 | 0.09 | 09/21/20 | 09/21/20 |
| Carbon Tetrachloride | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| 1,2-Dichloroethane | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| Benzene | ND | | ug/L | 1.0 | 0.07 | 09/21/20 | 09/21/20 |
| Trichloroethene | ND | | ug/L | 5.0 | 0.09 | 09/21/20 | 09/21/20 |
| 1,2-Dichloropropane | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| Bromodichloromethane | ND | | ug/L | 5.0 | 0.05 | 09/21/20 | 09/21/20 |
| Dibromomethane | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| 4-Methyl-2-Pentanone | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| cis-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.06 | 09/21/20 | 09/21/20 |
| Toluene | ND | | ug/L | 5.0 | 0.09 | 09/21/20 | 09/21/20 |
| trans-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| 1,1,2-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| 1,3-Dichloropropane | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| Tetrachloroethene | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| Dibromochloromethane | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC886388 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| Chlorobenzene | ND | | ug/L | 5.0 | 0.08 | 09/21/20 | 09/21/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| Ethylbenzene | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| m,p-Xylenes | ND | | ug/L | 10 | 0.1 | 09/21/20 | 09/21/20 |
| o-Xylene | ND | | ug/L | 5.0 | 0.05 | 09/21/20 | 09/21/20 |
| Styrene | ND | | ug/L | 5.0 | 0.08 | 09/21/20 | 09/21/20 |
| Bromoform | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| Isopropylbenzene | ND | | ug/L | 5.0 | 0.09 | 09/21/20 | 09/21/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| 1,2,3-Trichloropropane | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| Propylbenzene | ND | | ug/L | 5.0 | 0.08 | 09/21/20 | 09/21/20 |
| Bromobenzene | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 5.0 | 0.07 | 09/21/20 | 09/21/20 |
| 2-Chlorotoluene | ND | | ug/L | 5.0 | 0.09 | 09/21/20 | 09/21/20 |
| 4-Chlorotoluene | ND | | ug/L | 5.0 | 0.05 | 09/21/20 | 09/21/20 |
| tert-Butylbenzene | ND | | ug/L | 5.0 | 0.08 | 09/21/20 | 09/21/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| sec-Butylbenzene | ND | | ug/L | 5.0 | 0.04 | 09/21/20 | 09/21/20 |
| para-Isopropyl Toluene | ND | | ug/L | 5.0 | 0.06 | 09/21/20 | 09/21/20 |
| 1,3-Dichlorobenzene | ND | | ug/L | 5.0 | 0.07 | 09/21/20 | 09/21/20 |
| 1,4-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| n-Butylbenzene | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| 1,2-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/L | 5.0 | 0.1 | 09/21/20 | 09/21/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/21/20 | 09/21/20 |
| Hexachlorobutadiene | ND | | ug/L | 5.0 | 0.2 | 09/21/20 | 09/21/20 |
| Naphthalene | ND | | ug/L | 5.0 | 0.3 | 09/21/20 | 09/21/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/21/20 | 09/21/20 |
| Xylene (total) | ND | | ug/L | 5.0 | | 09/21/20 | 09/21/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 100% | | %REC | 70-140 | | 09/21/20 | 09/21/20 |
| 1,2-Dichloroethane-d4 | 105% | | %REC | 70-140 | 2.5 | 09/21/20 | 09/21/20 |
| Toluene-d8 | 101% | | %REC | 70-140 | | 09/21/20 | 09/21/20 |
| Bromofluorobenzene | 96% | | %REC | 70-140 | 1.8 | 09/21/20 | 09/21/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Lab Control Sample** | **Lab ID: QC886389** | **Batch: 252978** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC886389 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 45.63 | 50.00 | ug/L | 91% | | 70-135 |
| MTBE | 53.47 | 50.00 | ug/L | 107% | | 70-130 |
| Benzene | 48.41 | 50.00 | ug/L | 97% | | 70-130 |
| Trichloroethene | 45.24 | 50.00 | ug/L | 90% | | 70-130 |
| Toluene | 46.04 | 50.00 | ug/L | 92% | | 70-130 |
| Chlorobenzene | 46.52 | 50.00 | ug/L | 93% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 50.29 | 50.00 | ug/L | 101% | | 70-140 |
| 1,2-Dichloroethane-d4 | 52.79 | 50.00 | ug/L | 106% | | 70-140 |
| Toluene-d8 | 50.03 | 50.00 | ug/L | 100% | | 70-140 |
| Bromofluorobenzene | 47.63 | 50.00 | ug/L | 95% | | 70-140 |

| | | |
|---|---|---|
| **Type: Lab Control Sample Duplicate** | **Lab ID: QC886390** | **Batch: 252978** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC886390 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.62 | 50.00 | ug/L | 87% | | 70-135 | 4 | 30 |
| MTBE | 50.02 | 50.00 | ug/L | 100% | | 70-130 | 7 | 30 |
| Benzene | 45.51 | 50.00 | ug/L | 91% | | 70-130 | 6 | 30 |
| Trichloroethene | 43.74 | 50.00 | ug/L | 87% | | 70-130 | 3 | 30 |
| Toluene | 43.66 | 50.00 | ug/L | 87% | | 70-130 | 5 | 30 |
| Chlorobenzene | 44.10 | 50.00 | ug/L | 88% | | 70-130 | 5 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 50.41 | 50.00 | ug/L | 101% | | 70-140 | | |
| 1,2-Dichloroethane-d4 | 50.79 | 50.00 | ug/L | 102% | | 70-140 | | |
| Toluene-d8 | 49.96 | 50.00 | ug/L | 100% | | 70-140 | | |
| Bromofluorobenzene | 47.83 | 50.00 | ug/L | 96% | | 70-140 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Blank** | **Lab ID: QC886505** | **Batch: 253019** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5035** |

| QC886505 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.28 | 09/22/20 | 09/22/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.53 | 09/22/20 | 09/22/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.86 | 09/22/20 | 09/22/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.27 | 09/22/20 | 09/22/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.48 | 09/22/20 | 09/22/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.67 | 09/22/20 | 09/22/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 09/22/20 | 09/22/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.43 | 09/22/20 | 09/22/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.36 | 09/22/20 | 09/22/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.43 | 09/22/20 | 09/22/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.30 | 09/22/20 | 09/22/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.32 | 09/22/20 | 09/22/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.28 | 09/22/20 | 09/22/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 09/22/20 | 09/22/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.74 | 09/22/20 | 09/22/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.18 | 09/22/20 | 09/22/20 |
| Methylene Chloride | 3.2 | J | ug/Kg | 5.0 | 0.66 | 09/22/20 | 09/22/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.44 | 09/22/20 | 09/22/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.35 | 09/22/20 | 09/22/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.40 | 09/22/20 | 09/22/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 3.2 | 09/22/20 | 09/22/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/22/20 | 09/22/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.53 | 09/22/20 | 09/22/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.35 | 09/22/20 | 09/22/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.35 | 09/22/20 | 09/22/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.45 | 09/22/20 | 09/22/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.42 | 09/22/20 | 09/22/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.33 | 09/22/20 | 09/22/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/22/20 | 09/22/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.21 | 09/22/20 | 09/22/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/22/20 | 09/22/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.56 | 09/22/20 | 09/22/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.50 | 09/22/20 | 09/22/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.55 | 09/22/20 | 09/22/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 1.9 | 09/22/20 | 09/22/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.30 | 09/22/20 | 09/22/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.45 | 09/22/20 | 09/22/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.40 | 09/22/20 | 09/22/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.57 | 09/22/20 | 09/22/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.46 | 09/22/20 | 09/22/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.58 | 09/22/20 | 09/22/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.38 | 09/22/20 | 09/22/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC886505 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.51 | 09/22/20 | 09/22/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.26 | 09/22/20 | 09/22/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/22/20 | 09/22/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.44 | 09/22/20 | 09/22/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.83 | 09/22/20 | 09/22/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.31 | 09/22/20 | 09/22/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.46 | 09/22/20 | 09/22/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.50 | 09/22/20 | 09/22/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.36 | 09/22/20 | 09/22/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.38 | 09/22/20 | 09/22/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.73 | 09/22/20 | 09/22/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.38 | 09/22/20 | 09/22/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/22/20 | 09/22/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.40 | 09/22/20 | 09/22/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.46 | 09/22/20 | 09/22/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.51 | 09/22/20 | 09/22/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/22/20 | 09/22/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/22/20 | 09/22/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/22/20 | 09/22/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.54 | 09/22/20 | 09/22/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.47 | 09/22/20 | 09/22/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.46 | 09/22/20 | 09/22/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.66 | 09/22/20 | 09/22/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.53 | 09/22/20 | 09/22/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.64 | 09/22/20 | 09/22/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.89 | 09/22/20 | 09/22/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.60 | 09/22/20 | 09/22/20 |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.86 | 09/22/20 | 09/22/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.54 | 09/22/20 | 09/22/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 09/22/20 | 09/22/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 103% | | %REC | 70-130 | 1.3 | 09/22/20 | 09/22/20 |
| 1,2-Dichloroethane-d4 | 103% | | %REC | 70-145 | | 09/22/20 | 09/22/20 |
| Toluene-d8 | 99% | | %REC | 70-145 | | 09/22/20 | 09/22/20 |
| Bromofluorobenzene | 99% | | %REC | 70-145 | 1.5 | 09/22/20 | 09/22/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC886506 | Batch: 253019 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5035 |

| QC886506 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 46.01 | 50.00 | ug/Kg | 92% | | 70-131 |
| MTBE | 42.41 | 50.00 | ug/Kg | 85% | | 69-130 |
| Benzene | 45.58 | 50.00 | ug/Kg | 91% | | 70-130 |
| Trichloroethene | 50.01 | 50.00 | ug/Kg | 100% | | 70-130 |
| Toluene | 46.64 | 50.00 | ug/Kg | 93% | | 70-130 |
| Chlorobenzene | 47.28 | 50.00 | ug/Kg | 95% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 50.69 | 50.00 | ug/Kg | 101% | | 70-130 |
| 1,2-Dichloroethane-d4 | 48.49 | 50.00 | ug/Kg | 97% | | 70-145 |
| Toluene-d8 | 50.55 | 50.00 | ug/Kg | 101% | | 70-145 |
| Bromofluorobenzene | 53.25 | 50.00 | ug/Kg | 107% | | 70-145 |

| Type: Lab Control Sample Duplicate | Lab ID: QC886507 | Batch: 253019 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5035 |

| QC886507 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.74 | 50.00 | ug/Kg | 87% | | 70-131 | 5 | 33 |
| MTBE | 41.74 | 50.00 | ug/Kg | 83% | | 69-130 | 2 | 30 |
| Benzene | 44.09 | 50.00 | ug/Kg | 88% | | 70-130 | 3 | 30 |
| Trichloroethene | 48.25 | 50.00 | ug/Kg | 97% | | 70-130 | 4 | 30 |
| Toluene | 45.61 | 50.00 | ug/Kg | 91% | | 70-130 | 2 | 30 |
| Chlorobenzene | 46.72 | 50.00 | ug/Kg | 93% | | 70-130 | 1 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 51.15 | 50.00 | ug/Kg | 102% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 49.04 | 50.00 | ug/Kg | 98% | | 70-145 | | |
| Toluene-d8 | 51.02 | 50.00 | ug/Kg | 102% | | 70-145 | | |
| Bromofluorobenzene | 52.98 | 50.00 | ug/Kg | 106% | | 70-145 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type:** Blank | **Lab ID:** QC886711 | **Batch:** 253102 |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5035 |

| QC886711 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.28 | 09/23/20 | 09/23/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.86 | 09/23/20 | 09/23/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.27 | 09/23/20 | 09/23/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.48 | 09/23/20 | 09/23/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.67 | 09/23/20 | 09/23/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 09/23/20 | 09/23/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.43 | 09/23/20 | 09/23/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.36 | 09/23/20 | 09/23/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.43 | 09/23/20 | 09/23/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.30 | 09/23/20 | 09/23/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.32 | 09/23/20 | 09/23/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.28 | 09/23/20 | 09/23/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 09/23/20 | 09/23/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.74 | 09/23/20 | 09/23/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.18 | 09/23/20 | 09/23/20 |
| Methylene Chloride | 4.8 | J | ug/Kg | 5.0 | 0.66 | 09/23/20 | 09/23/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.44 | 09/23/20 | 09/23/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.35 | 09/23/20 | 09/23/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.40 | 09/23/20 | 09/23/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 3.2 | 09/23/20 | 09/23/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.35 | 09/23/20 | 09/23/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.35 | 09/23/20 | 09/23/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.45 | 09/23/20 | 09/23/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.42 | 09/23/20 | 09/23/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.33 | 09/23/20 | 09/23/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/23/20 | 09/23/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.21 | 09/23/20 | 09/23/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.56 | 09/23/20 | 09/23/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.50 | 09/23/20 | 09/23/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.55 | 09/23/20 | 09/23/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 1.9 | 09/23/20 | 09/23/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.30 | 09/23/20 | 09/23/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.45 | 09/23/20 | 09/23/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.40 | 09/23/20 | 09/23/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.57 | 09/23/20 | 09/23/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.46 | 09/23/20 | 09/23/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.58 | 09/23/20 | 09/23/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.38 | 09/23/20 | 09/23/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC886711 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.51 | 09/23/20 | 09/23/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.26 | 09/23/20 | 09/23/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/23/20 | 09/23/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.44 | 09/23/20 | 09/23/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.83 | 09/23/20 | 09/23/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.31 | 09/23/20 | 09/23/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.46 | 09/23/20 | 09/23/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.50 | 09/23/20 | 09/23/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.36 | 09/23/20 | 09/23/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.38 | 09/23/20 | 09/23/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.73 | 09/23/20 | 09/23/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.38 | 09/23/20 | 09/23/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/23/20 | 09/23/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.40 | 09/23/20 | 09/23/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.46 | 09/23/20 | 09/23/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.51 | 09/23/20 | 09/23/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/23/20 | 09/23/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/23/20 | 09/23/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/23/20 | 09/23/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.54 | 09/23/20 | 09/23/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.47 | 09/23/20 | 09/23/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.46 | 09/23/20 | 09/23/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.66 | 09/23/20 | 09/23/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.64 | 09/23/20 | 09/23/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.89 | 09/23/20 | 09/23/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.60 | 09/23/20 | 09/23/20 |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.86 | 09/23/20 | 09/23/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.54 | 09/23/20 | 09/23/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 09/23/20 | 09/23/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 102% | | %REC | 70-130 | 1.3 | 09/23/20 | 09/23/20 |
| 1,2-Dichloroethane-d4 | 103% | | %REC | 70-145 | | 09/23/20 | 09/23/20 |
| Toluene-d8 | 99% | | %REC | 70-145 | | 09/23/20 | 09/23/20 |
| Bromofluorobenzene | 98% | | %REC | 70-145 | 1.5 | 09/23/20 | 09/23/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Lab Control Sample** | **Lab ID: QC886712** | **Batch: 253102** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5035** |

| QC886712 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.75 | 50.00 | ug/Kg | 87% | | 70-131 |
| MTBE | 42.19 | 50.00 | ug/Kg | 84% | | 69-130 |
| Benzene | 45.11 | 50.00 | ug/Kg | 90% | | 70-130 |
| Trichloroethene | 50.49 | 50.00 | ug/Kg | 101% | | 70-130 |
| Toluene | 47.08 | 50.00 | ug/Kg | 94% | | 70-130 |
| Chlorobenzene | 48.50 | 50.00 | ug/Kg | 97% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 50.32 | 50.00 | ug/Kg | 101% | | 70-130 |
| 1,2-Dichloroethane-d4 | 46.79 | 50.00 | ug/Kg | 94% | | 70-145 |
| Toluene-d8 | 51.55 | 50.00 | ug/Kg | 103% | | 70-145 |
| Bromofluorobenzene | 53.57 | 50.00 | ug/Kg | 107% | | 70-145 |

| | | |
|---|---|---|
| **Type: Lab Control Sample Duplicate** | **Lab ID: QC886713** | **Batch: 253102** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5035** |

| QC886713 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.93 | 50.00 | ug/Kg | 88% | | 70-131 | 0 | 33 |
| MTBE | 43.31 | 50.00 | ug/Kg | 87% | | 69-130 | 3 | 30 |
| Benzene | 45.17 | 50.00 | ug/Kg | 90% | | 70-130 | 0 | 30 |
| Trichloroethene | 48.02 | 50.00 | ug/Kg | 96% | | 70-130 | 5 | 30 |
| Toluene | 45.79 | 50.00 | ug/Kg | 92% | | 70-130 | 3 | 30 |
| Chlorobenzene | 47.20 | 50.00 | ug/Kg | 94% | | 70-130 | 3 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 52.09 | 50.00 | ug/Kg | 104% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 49.44 | 50.00 | ug/Kg | 99% | | 70-145 | | |
| Toluene-d8 | 50.16 | 50.00 | ug/Kg | 100% | | 70-145 | | |
| Bromofluorobenzene | 52.57 | 50.00 | ug/Kg | 105% | | 70-145 | | |

J Estimated value
ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

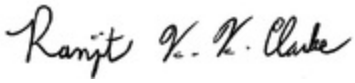
Lab Job Number: 433786
Report Level: II
Report Date: 09/25/2020

**Analytical Report** *prepared for:*

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Project: SOUTH EL MONTE - 2212 Rosemead Blvd. El Monte, CA

*Authorized for release by:*



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

# Sample Summary

| | | |
|---|---|---|
| Vanessa Layne<br>EEC<br>1 City Boulevard West<br>Suite 1800<br>Orange, CA 92868 | Lab Job #:<br>Project No:<br>Location:<br>Date Received: | 433786<br>SOUTH EL MONTE<br>2212 Rosemead Blvd. El Monte, CA<br>09/18/20 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| HP-2-10' | 433786-001 | 09/18/20 11:35 | Soil |
| HP-2-20' | 433786-002 | 09/18/20 11:48 | Soil |
| HP-2-30' | 433786-003 | 09/18/20 11:57 | Soil |
| HP-2-40' | 433786-004 | 09/18/20 12:10 | Soil |
| HP-2-GW | 433786-005 | 09/18/20 12:20 | Water |

# ENTHALPY ANALYTICAL

**Chain of Custody Record**

Lab No: 433786

Page: 1 of 1

**Turn Around Time (rush by advanced notice only)**

| Standard: | X | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | VOCs 8260B | Analysis Request | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HP-2-10' | 9-18-20 | 1135 | So | 3 | MeoH NaHSO4 | X | | | Report MDLs and flags |
| 2 | HP-2-20' | " | 1148 | " | " | | X | | | Archive all |
| 3 | HP-2-30' | " | 1157 | " | " | | X | | | Sleves |
| 4 | HP-2-40' | " | 1210 | " | " | | X | | | |
| 5 | HP-2-50' | | | | | | X | | | |
| 6 | HP-2-60' | | | | | | X | | | |
| 7 | HP-2-GW | 9-18-20 | 1220 | GW | 3 | HCl | | X | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| 1 Relinquished By: | | Mike Zelko | EEC | 9/18/20 1735 |
| 1 Received By: | | Chr. Stone C. | EA | 9/18/20 1735 |
| 2 Relinquished By: | | | | |
| 2 Received By: | | | | |
| 3 Relinquished By: | | | | |

ENTHALPY ANALYTICAL

# SAMPLE ACCEPTANCE CHECKLIST

**Section 1**

Client: EEC Environmental  Project: South El Monte

Date Received: 9/18/20  Sampler's Name Present: ☑ Yes ☐ No

**Section 2**

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)  Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 7.0 #2: _____ #3: _____ #4: _____

*(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)*

Shipping Information: _____

**Section 3**

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.7 #2: _____ #3: _____ #4: _____

| **Section 4** | YES | NO | N/A |
|---|---|---|---|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | | | ✓ |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | ✓ | | |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | | ✓ | |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

**Section 5** Explanations/Comments

**Section 6**

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____/_____

Project Manager's response:

Completed By: Anne Crane Date: 9/18/20

ENTHALPY ANALYTICAL

# Analysis Results for 433786

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Lab Job #: 433786
Project No: SOUTH EL MONTE
Location: 2212 Rosemead Blvd. El Monte, CA
Date Received: 09/18/20

**Sample ID: HP-2-10'** **Lab ID: 433786-001** **Collected: 09/18/20 11:35**
**Matrix: Soil**

| 433786-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.5 | 0.25 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.5 | 0.78 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.5 | 0.25 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.5 | 0.44 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.5 | 0.61 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 9.1 | 8.0 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 12 | ND | | ug/Kg | 4.5 | 0.39 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloromethane | ND | | ug/Kg | 4.5 | 0.33 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 4.5 | 0.39 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromomethane | ND | | ug/Kg | 4.5 | 0.27 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroethane | ND | | ug/Kg | 4.5 | 0.29 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 4.5 | 0.25 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Acetone | ND | | ug/Kg | 91 | 45 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 113 | ND | | ug/Kg | 4.5 | 0.67 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.5 | 0.16 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methylene Chloride | **2.7** | B,J | ug/Kg | 4.5 | 0.60 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| MTBE | ND | | ug/Kg | 4.5 | 0.40 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.32 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 4.5 | 0.36 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 91 | 2.9 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroform | ND | | ug/Kg | 4.5 | 0.32 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 4.5 | 0.32 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.5 | 0.41 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.5 | 0.38 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 4.5 | 0.30 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.5 | 0.44 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Benzene | ND | | ug/Kg | 4.5 | 0.19 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.5 | 0.51 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 4.5 | 0.45 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 4.5 | 0.50 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433786

| 433786-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.5 | 1.7 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.27 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene | ND | | ug/Kg | 4.5 | 0.41 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.5 | 0.36 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.5 | 0.52 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.5 | 0.42 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Tetrachloroethene | **5.3** | | ug/Kg | 4.5 | 0.53 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 4.5 | 0.35 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.5 | 0.46 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 4.5 | 0.24 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.44 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 4.5 | 0.40 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 9.1 | 0.75 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| o-Xylene | ND | | ug/Kg | 4.5 | 0.28 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Styrene | ND | | ug/Kg | 4.5 | 0.42 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromoform | ND | | ug/Kg | 4.5 | 0.45 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 4.5 | 0.33 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.5 | 0.35 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.5 | 0.66 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 4.5 | 0.35 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 4.5 | 0.31 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.36 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.42 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 4.5 | 0.46 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 4.5 | 0.31 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.5 | 0.41 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 4.5 | 0.41 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.5 | 0.49 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.43 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.42 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 4.5 | 0.60 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.5 | 0.48 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.5 | 0.58 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.81 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 4.5 | 0.55 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Naphthalene | ND | | ug/Kg | 4.5 | 0.78 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.5 | 0.49 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 4.5 | | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | 1.2 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene-d8 | 101% | | %REC | 70-145 | | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromofluorobenzene | 99% | | %REC | 70-145 | 1.4 | 0.91 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433786

| Sample ID: HP-2-20' | Lab ID: 433786-002 | Collected: 09/18/20 11:48 |
|---|---|---|
| | Matrix: Soil | |

| 433786-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.8 | 0.33 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.8 | 0.62 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.8 | 1.0 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.8 | 0.31 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.8 | 0.56 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.8 | 0.78 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 12 | 10 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.8 | 0.50 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.8 | 0.42 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.8 | 0.50 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.8 | 0.35 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.8 | 0.37 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.8 | 0.33 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Acetone | ND | | ug/Kg | 120 | 58 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.8 | 0.86 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.8 | 0.21 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methylene Chloride | **2.4** | B,J | ug/Kg | 5.8 | 0.77 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| MTBE | ND | | ug/Kg | 5.8 | 0.51 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.8 | 0.41 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.8 | 0.47 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 120 | 3.7 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.8 | 0.62 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.8 | 0.62 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.8 | 0.41 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.8 | 0.41 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.8 | 0.52 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.8 | 0.49 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.8 | 0.38 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.8 | 0.56 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Benzene | ND | | ug/Kg | 5.8 | 0.24 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 5.8 | 0.62 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.8 | 0.65 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.8 | 0.58 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 5.8 | 0.64 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.8 | 2.2 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.8 | 0.35 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene | ND | | ug/Kg | 5.8 | 0.52 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.8 | 0.47 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.8 | 0.66 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.8 | 0.53 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433786

| 433786-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **3.1** | J | ug/Kg | 5.8 | 0.67 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.8 | 0.44 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.8 | 0.59 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.8 | 0.30 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.8 | 0.56 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 5.8 | 0.51 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 12 | 0.97 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| o-Xylene | ND | | ug/Kg | 5.8 | 0.36 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Styrene | ND | | ug/Kg | 5.8 | 0.53 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.8 | 0.58 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.8 | 0.42 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.8 | 0.44 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.8 | 0.85 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.8 | 0.44 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.8 | 0.40 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.8 | 0.47 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.8 | 0.53 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.8 | 0.59 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.8 | 0.40 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.8 | 0.52 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.8 | 0.52 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.8 | 0.63 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.8 | 0.55 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.8 | 0.53 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.8 | 0.77 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.8 | 0.62 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.8 | 0.74 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.8 | 1.0 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.8 | 0.70 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Naphthalene | ND | | ug/Kg | 5.8 | 1.0 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.8 | 0.63 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 5.8 | | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 99% | | %REC | 70-145 | 1.5 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene-d8 | 102% | | %REC | 70-145 | | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromofluorobenzene | 97% | | %REC | 70-145 | 1.7 | 1.2 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433786

| Sample ID: HP-2-30' | Lab ID: 433786-003 | Collected: 09/18/20 11:57 |
|---|---|---|
| | Matrix: Soil | |

| 433786-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.4 | 0.30 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.4 | 0.58 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.4 | 0.93 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.4 | 0.29 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.4 | 0.52 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.4 | 0.73 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.6 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.4 | 0.47 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.4 | 0.39 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.4 | 0.47 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.4 | 0.33 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.4 | 0.35 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.4 | 0.30 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Acetone | ND | | ug/Kg | 110 | 54 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.4 | 0.80 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.4 | 0.20 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methylene Chloride | **2.5** | B,J | ug/Kg | 5.4 | 0.72 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| MTBE | ND | | ug/Kg | 5.4 | 0.48 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.4 | 0.38 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.4 | 0.43 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 110 | 3.5 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.4 | 0.58 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.4 | 0.58 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.4 | 0.38 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.4 | 0.38 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.4 | 0.49 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.4 | 0.46 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.4 | 0.36 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.4 | 0.52 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Benzene | ND | | ug/Kg | 5.4 | 0.23 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 5.4 | 0.58 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.4 | 0.61 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.4 | 0.54 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 5.4 | 0.60 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.4 | 2.1 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.4 | 0.33 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene | **0.52** | J | ug/Kg | 5.4 | 0.49 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.4 | 0.43 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.4 | 0.62 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.4 | 0.50 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433786

| 433786-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **1.6** | J | ug/Kg | 5.4 | 0.63 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.4 | 0.41 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.4 | 0.55 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.4 | 0.28 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.4 | 0.52 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 5.4 | 0.48 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.90 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| o-Xylene | ND | | ug/Kg | 5.4 | 0.34 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Styrene | ND | | ug/Kg | 5.4 | 0.50 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.4 | 0.54 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.4 | 0.39 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.4 | 0.41 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.4 | 0.79 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.4 | 0.41 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.4 | 0.37 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.4 | 0.43 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.4 | 0.50 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.4 | 0.55 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.4 | 0.37 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.4 | 0.49 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.4 | 0.49 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.4 | 0.59 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.51 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.50 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.4 | 0.72 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.4 | 0.58 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.4 | 0.70 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.4 | 0.97 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.4 | 0.65 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Naphthalene | ND | | ug/Kg | 5.4 | 0.93 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.4 | 0.59 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 5.4 | | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | 1.4 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane-d4 | 103% | | %REC | 70-145 | | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene-d8 | 102% | | %REC | 70-145 | | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromofluorobenzene | 101% | | %REC | 70-145 | 1.6 | 1.1 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433786

| Sample ID: HP-2-40' | Lab ID: 433786-004 | Collected: 09/18/20 12:10 |
|---|---|---|
| | Matrix: Soil | |

| 433786-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.1 | 0.29 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.1 | 0.54 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.1 | 0.88 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.1 | 0.28 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.1 | 0.49 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.1 | 0.68 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 9.0 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.1 | 0.44 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.1 | 0.37 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.1 | 0.44 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.1 | 0.31 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.1 | 0.33 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.1 | 0.29 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Acetone | ND | | ug/Kg | 100 | 51 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.1 | 0.76 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.1 | 0.18 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Methylene Chloride | **2.1** | B,J | ug/Kg | 5.1 | 0.67 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| MTBE | ND | | ug/Kg | 5.1 | 0.45 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.1 | 0.36 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.1 | 0.41 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 100 | 3.3 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,2-Dichloroethene | **3.3** | J | ug/Kg | 5.1 | 0.54 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.1 | 0.54 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.1 | 0.36 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.1 | 0.36 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.1 | 0.46 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.1 | 0.43 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.1 | 0.34 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.1 | 0.49 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Benzene | **0.29** | J | ug/Kg | 5.1 | 0.21 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Trichloroethene | **2.0** | J | ug/Kg | 5.1 | 0.54 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.1 | 0.57 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.1 | 0.51 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 5.1 | 0.56 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.1 | 1.9 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.1 | 0.31 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene | **0.98** | J | ug/Kg | 5.1 | 0.46 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.1 | 0.41 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.1 | 0.58 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.1 | 0.47 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433786

| 433786-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **1.9** | J | ug/Kg | 5.1 | 0.59 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.1 | 0.39 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.1 | 0.52 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.1 | 0.27 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.1 | 0.49 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 5.1 | 0.45 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.85 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| o-Xylene | ND | | ug/Kg | 5.1 | 0.32 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Styrene | ND | | ug/Kg | 5.1 | 0.47 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.1 | 0.51 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.1 | 0.37 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.1 | 0.39 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.1 | 0.74 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.1 | 0.39 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.1 | 0.35 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.1 | 0.41 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.1 | 0.47 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.1 | 0.52 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.1 | 0.35 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.1 | 0.46 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.1 | 0.46 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.1 | 0.55 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.48 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.47 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.1 | 0.67 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.54 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.1 | 0.65 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.1 | 0.91 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.1 | 0.61 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Naphthalene | ND | | ug/Kg | 5.1 | 0.88 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.1 | 0.55 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 5.1 | | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-145 | 1.3 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Toluene-d8 | 101% | | %REC | 70-145 | | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |
| Bromofluorobenzene | 101% | | %REC | 70-145 | 1.5 | 1 | 253102 | 09/23/20 | 09/23/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433786

| Sample ID: HP-2-GW | Lab ID: 433786-005 | Collected: 09/18/20 12:20 |
|---|---|---|
| | Matrix: Water | |

| 433786-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5030B | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/L | 1.0 | 0.05 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/L | 1.0 | 0.06 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/L | 1.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/L | 10 | 1.5 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Freon 12 | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Chloromethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Vinyl Chloride | ND | | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromomethane | ND | | ug/L | 5.0 | 0.7 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Chloroethane | ND | | ug/L | 5.0 | 0.5 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Trichlorofluoromethane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Acetone | ND | | ug/L | 100 | 50 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Freon 113 | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Methylene Chloride | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| MTBE | **0.1** | J | ug/L | 1.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| trans-1,2-Dichloroethene | **0.5** | J | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1-Dichloroethane | **5.9** | | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 2-Butanone | **2.3** | J | ug/L | 100 | 0.5 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| cis-1,2-Dichloroethene | **11** | | ug/L | 5.0 | 0.07 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Chloroform | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromochloromethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Carbon Tetrachloride | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Benzene | **0.2** | J | ug/L | 1.0 | 0.07 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Trichloroethene | **13** | | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromodichloromethane | ND | | ug/L | 5.0 | 0.05 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Dibromomethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.06 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Toluene | **0.3** | J | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433786

| 433786-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **14** | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Dibromochloromethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Chlorobenzene | ND | | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Ethylbenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| m,p-Xylenes | ND | | ug/L | 10 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| o-Xylene | ND | | ug/L | 5.0 | 0.05 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Styrene | ND | | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromoform | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Isopropylbenzene | ND | | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Propylbenzene | ND | | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromobenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 5.0 | 0.07 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 2-Chlorotoluene | ND | | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 4-Chlorotoluene | ND | | ug/L | 5.0 | 0.05 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| tert-Butylbenzene | ND | | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| sec-Butylbenzene | ND | | ug/L | 5.0 | 0.04 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/L | 5.0 | 0.06 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/L | 5.0 | 0.07 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| n-Butylbenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Hexachlorobutadiene | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Naphthalene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Xylene (total) | ND | | ug/L | 5.0 | | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 102% | | %REC | 70-140 | | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dichloroethane-d4 | 109% | | %REC | 70-140 | 2.5 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Toluene-d8 | 101% | | %REC | 70-140 | | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromofluorobenzene | 94% | | %REC | 70-140 | 1.8 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Blank** | **Lab ID: QC886711** | **Batch: 253102** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5035** |

| QC886711 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.28 | 09/23/20 | 09/23/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.86 | 09/23/20 | 09/23/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.27 | 09/23/20 | 09/23/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.48 | 09/23/20 | 09/23/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.67 | 09/23/20 | 09/23/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 09/23/20 | 09/23/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.43 | 09/23/20 | 09/23/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.36 | 09/23/20 | 09/23/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.43 | 09/23/20 | 09/23/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.30 | 09/23/20 | 09/23/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.32 | 09/23/20 | 09/23/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.28 | 09/23/20 | 09/23/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 09/23/20 | 09/23/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.74 | 09/23/20 | 09/23/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.18 | 09/23/20 | 09/23/20 |
| Methylene Chloride | 4.8 | J | ug/Kg | 5.0 | 0.66 | 09/23/20 | 09/23/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.44 | 09/23/20 | 09/23/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.35 | 09/23/20 | 09/23/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.40 | 09/23/20 | 09/23/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 3.2 | 09/23/20 | 09/23/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.35 | 09/23/20 | 09/23/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.35 | 09/23/20 | 09/23/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.45 | 09/23/20 | 09/23/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.42 | 09/23/20 | 09/23/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.33 | 09/23/20 | 09/23/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/23/20 | 09/23/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.21 | 09/23/20 | 09/23/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.56 | 09/23/20 | 09/23/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.50 | 09/23/20 | 09/23/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.55 | 09/23/20 | 09/23/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 1.9 | 09/23/20 | 09/23/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.30 | 09/23/20 | 09/23/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.45 | 09/23/20 | 09/23/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.40 | 09/23/20 | 09/23/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.57 | 09/23/20 | 09/23/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.46 | 09/23/20 | 09/23/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.58 | 09/23/20 | 09/23/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.38 | 09/23/20 | 09/23/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC886711 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.51 | 09/23/20 | 09/23/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.26 | 09/23/20 | 09/23/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/23/20 | 09/23/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.44 | 09/23/20 | 09/23/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.83 | 09/23/20 | 09/23/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.31 | 09/23/20 | 09/23/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.46 | 09/23/20 | 09/23/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.50 | 09/23/20 | 09/23/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.36 | 09/23/20 | 09/23/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.38 | 09/23/20 | 09/23/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.73 | 09/23/20 | 09/23/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.38 | 09/23/20 | 09/23/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/23/20 | 09/23/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.40 | 09/23/20 | 09/23/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.46 | 09/23/20 | 09/23/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.51 | 09/23/20 | 09/23/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/23/20 | 09/23/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/23/20 | 09/23/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/23/20 | 09/23/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.54 | 09/23/20 | 09/23/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.47 | 09/23/20 | 09/23/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.46 | 09/23/20 | 09/23/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.66 | 09/23/20 | 09/23/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.53 | 09/23/20 | 09/23/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.64 | 09/23/20 | 09/23/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.89 | 09/23/20 | 09/23/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.60 | 09/23/20 | 09/23/20 |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.86 | 09/23/20 | 09/23/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.54 | 09/23/20 | 09/23/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 09/23/20 | 09/23/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 102% | | %REC | 70-130 | 1.3 | 09/23/20 | 09/23/20 |
| 1,2-Dichloroethane-d4 | 103% | | %REC | 70-145 | | 09/23/20 | 09/23/20 |
| Toluene-d8 | 99% | | %REC | 70-145 | | 09/23/20 | 09/23/20 |
| Bromofluorobenzene | 98% | | %REC | 70-145 | 1.5 | 09/23/20 | 09/23/20 |

ENTHALPY ANALYTICAL

# Batch QC

| Type: Lab Control Sample | Lab ID: QC886712 | Batch: 253102 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5035 |

| QC886712 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.75 | 50.00 | ug/Kg | 87% | | 70-131 |
| MTBE | 42.19 | 50.00 | ug/Kg | 84% | | 69-130 |
| Benzene | 45.11 | 50.00 | ug/Kg | 90% | | 70-130 |
| Trichloroethene | 50.49 | 50.00 | ug/Kg | 101% | | 70-130 |
| Toluene | 47.08 | 50.00 | ug/Kg | 94% | | 70-130 |
| Chlorobenzene | 48.50 | 50.00 | ug/Kg | 97% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 50.32 | 50.00 | ug/Kg | 101% | | 70-130 |
| 1,2-Dichloroethane-d4 | 46.79 | 50.00 | ug/Kg | 94% | | 70-145 |
| Toluene-d8 | 51.55 | 50.00 | ug/Kg | 103% | | 70-145 |
| Bromofluorobenzene | 53.57 | 50.00 | ug/Kg | 107% | | 70-145 |

| Type: Lab Control Sample Duplicate | Lab ID: QC886713 | Batch: 253102 |
|---|---|---|
| Matrix: Soil | Method: EPA 8260B | Prep Method: EPA 5035 |

| QC886713 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.93 | 50.00 | ug/Kg | 88% | | 70-131 | 0 | 33 |
| MTBE | 43.31 | 50.00 | ug/Kg | 87% | | 69-130 | 3 | 30 |
| Benzene | 45.17 | 50.00 | ug/Kg | 90% | | 70-130 | 0 | 30 |
| Trichloroethene | 48.02 | 50.00 | ug/Kg | 96% | | 70-130 | 5 | 30 |
| Toluene | 45.79 | 50.00 | ug/Kg | 92% | | 70-130 | 3 | 30 |
| Chlorobenzene | 47.20 | 50.00 | ug/Kg | 94% | | 70-130 | 3 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 52.09 | 50.00 | ug/Kg | 104% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 49.44 | 50.00 | ug/Kg | 99% | | 70-145 | | |
| Toluene-d8 | 50.16 | 50.00 | ug/Kg | 100% | | 70-145 | | |
| Bromofluorobenzene | 52.57 | 50.00 | ug/Kg | 105% | | 70-145 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | | |
|---|---|---|---|
| **Type:** Blank | **Lab ID:** QC887138 | **Batch:** 253273 | |
| **Matrix:** Water | **Method:** EPA 8260B | **Prep Method:** EPA 5030B | |

| QC887138 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| Isopropyl Ether (DIPE) | ND | | ug/L | 1.0 | 0.05 | 09/25/20 | 09/25/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/L | 1.0 | 0.06 | 09/25/20 | 09/25/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/L | 1.0 | 0.08 | 09/25/20 | 09/25/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/L | 10 | 1.5 | 09/25/20 | 09/25/20 |
| Freon 12 | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Chloromethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Vinyl Chloride | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| Bromomethane | ND | | ug/L | 5.0 | 0.7 | 09/25/20 | 09/25/20 |
| Chloroethane | ND | | ug/L | 5.0 | 0.5 | 09/25/20 | 09/25/20 |
| Trichlorofluoromethane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Acetone | ND | | ug/L | 100 | 50 | 09/25/20 | 09/25/20 |
| Freon 113 | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 1,1-Dichloroethene | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Methylene Chloride | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| MTBE | ND | | ug/L | 1.0 | 0.08 | 09/25/20 | 09/25/20 |
| trans-1,2-Dichloroethene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,1-Dichloroethane | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| 2-Butanone | ND | | ug/L | 100 | 0.5 | 09/25/20 | 09/25/20 |
| cis-1,2-Dichloroethene | ND | | ug/L | 5.0 | 0.07 | 09/25/20 | 09/25/20 |
| 2,2-Dichloropropane | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| Chloroform | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Bromochloromethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 1,1,1-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 1,1-Dichloropropene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| Carbon Tetrachloride | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2-Dichloroethane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Benzene | ND | | ug/L | 1.0 | 0.07 | 09/25/20 | 09/25/20 |
| Trichloroethene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| 1,2-Dichloropropane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Bromodichloromethane | ND | | ug/L | 5.0 | 0.05 | 09/25/20 | 09/25/20 |
| Dibromomethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 4-Methyl-2-Pentanone | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| cis-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.06 | 09/25/20 | 09/25/20 |
| Toluene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| trans-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,1,2-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 1,3-Dichloropropane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Tetrachloroethene | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Dibromochloromethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC887138 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Chlorobenzene | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Ethylbenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| m,p-Xylenes | ND | | ug/L | 10 | 0.1 | 09/25/20 | 09/25/20 |
| o-Xylene | ND | | ug/L | 5.0 | 0.05 | 09/25/20 | 09/25/20 |
| Styrene | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| Bromoform | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Isopropylbenzene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2,3-Trichloropropane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Propylbenzene | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| Bromobenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 5.0 | 0.07 | 09/25/20 | 09/25/20 |
| 2-Chlorotoluene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| 4-Chlorotoluene | ND | | ug/L | 5.0 | 0.05 | 09/25/20 | 09/25/20 |
| tert-Butylbenzene | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| sec-Butylbenzene | ND | | ug/L | 5.0 | 0.04 | 09/25/20 | 09/25/20 |
| para-Isopropyl Toluene | ND | | ug/L | 5.0 | 0.06 | 09/25/20 | 09/25/20 |
| 1,3-Dichlorobenzene | ND | | ug/L | 5.0 | 0.07 | 09/25/20 | 09/25/20 |
| 1,4-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| n-Butylbenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| Hexachlorobutadiene | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Naphthalene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| Xylene (total) | ND | | ug/L | 5.0 | | 09/25/20 | 09/25/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 101% | | %REC | 70-140 | | 09/25/20 | 09/25/20 |
| 1,2-Dichloroethane-d4 | 110% | | %REC | 70-140 | 2.5 | 09/25/20 | 09/25/20 |
| Toluene-d8 | 99% | | %REC | 70-140 | | 09/25/20 | 09/25/20 |
| Bromofluorobenzene | 96% | | %REC | 70-140 | 1.8 | 09/25/20 | 09/25/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Lab Control Sample** | **Lab ID: QC887139** | **Batch: 253273** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC887139 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.93 | 50.00 | ug/L | 102% | | 70-135 |
| MTBE | 56.18 | 50.00 | ug/L | 112% | | 70-130 |
| Benzene | 49.53 | 50.00 | ug/L | 99% | | 70-130 |
| Trichloroethene | 46.01 | 50.00 | ug/L | 92% | | 70-130 |
| Toluene | 46.83 | 50.00 | ug/L | 94% | | 70-130 |
| Chlorobenzene | 46.35 | 50.00 | ug/L | 93% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 50.81 | 50.00 | ug/L | 102% | | 70-140 |
| 1,2-Dichloroethane-d4 | 55.47 | 50.00 | ug/L | 111% | | 70-140 |
| Toluene-d8 | 49.91 | 50.00 | ug/L | 100% | | 70-140 |
| Bromofluorobenzene | 45.57 | 50.00 | ug/L | 91% | | 70-140 |

| | | |
|---|---|---|
| **Type: Lab Control Sample Duplicate** | **Lab ID: QC887140** | **Batch: 253273** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC887140 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.48 | 50.00 | ug/L | 101% | | 70-135 | 1 | 30 |
| MTBE | 56.48 | 50.00 | ug/L | 113% | | 70-130 | 1 | 30 |
| Benzene | 49.36 | 50.00 | ug/L | 99% | | 70-130 | 0 | 30 |
| Trichloroethene | 45.75 | 50.00 | ug/L | 91% | | 70-130 | 1 | 30 |
| Toluene | 46.52 | 50.00 | ug/L | 93% | | 70-130 | 1 | 30 |
| Chlorobenzene | 46.65 | 50.00 | ug/L | 93% | | 70-130 | 1 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 49.13 | 50.00 | ug/L | 98% | | 70-140 | | |
| 1,2-Dichloroethane-d4 | 53.85 | 50.00 | ug/L | 108% | | 70-140 | | |
| Toluene-d8 | 49.87 | 50.00 | ug/L | 100% | | 70-140 | | |
| Bromofluorobenzene | 47.67 | 50.00 | ug/L | 95% | | 70-140 | | |

J Estimated value
ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

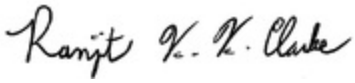
| | |
|---|---|
| Lab Job Number: | 433787 |
| Report Level: | II |
| Report Date: | 09/25/2020 |

**Analytical Report** *prepared for:*

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Project: SOUTH EL MONTE - 2212 Rosemead Blvd. El Monte, CA

*Authorized for release by:*



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

# Sample Summary

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

| | |
|---|---|
| Lab Job #: | 433787 |
| Project No: | SOUTH EL MONTE |
| Location: | 2212 Rosemead Blvd. El Monte, CA |
| Date Received: | 09/18/20 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| HP-3-10' | 433787-001 | 09/18/20 14:53 | Soil |
| HP-3-20' | 433787-002 | 09/18/20 15:04 | Soil |
| HP-3-30' | 433787-003 | 09/18/20 15:25 | Soil |
| HP-3-40' | 433787-004 | 09/18/20 15:42 | Soil |
| HP-3-GW | 433787-005 | 09/18/20 15:50 | Water |

# ENTHALPY ANALYTICAL

## Chain of Custody Record

Lab No: 433787

Page: 1 of 1

**Turn Around Time (rush by advanced notice only)**

| Standard: | X | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** 7.8/1.7 (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | VOCs 8260B | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|
| 1 | HP-3-10' | 9.18.20 | 1453 | SO | 3 | MeOH NaHSO4 | X | | Report MDLs and flags: Archive All Sleves! |
| 2 | HP-3-20' | " | 1504 | " | " | " | X | | |
| 3 | HP-3-30' | " | 1525 | " | " | " | X | | |
| 4 | HP-3-40' | " | 1542 | " | " | " | X | | |
| 5 | HP-3-50' | | | | | | X | | |
| 6 | HP-3-60' | | | | | | X | | |
| 7 | HP-3-GW | 9.18.20 | 1550 | GW | 3 | HCL | | X | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Mike Zeko | EEC | 9.18.20 / 1735 |
| [1] Received By: | | Christine C. | EH | 9/18/20 1735 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |

ENTHALPY ANALYTICAL

# SAMPLE ACCEPTANCE CHECKLIST

**Section 1**

Client: EEC Environmental  Project: South El Monte

Date Received: 9/18/20  Sampler's Name Present: ☑ Yes ☐ No

**Section 2**

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)  Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 7.0 #2: _____ #3: _____ #4: _____

*(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)*

Shipping Information: _____

**Section 3**

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.7 #2: _____ #3: _____ #4: _____

| Section 4 | YES | NO | N/A |
|---|---|---|---|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | | | ✓ |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | ✓ | | |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | | ✓ | |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

**Section 5** Explanations/Comments

**Section 6**

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____ ☐ Email (email sent to/on): _____/_____

Project Manager's response:

Completed By: _____ Date: 9/18/20

ENTHALPY ANALYTICAL

# Analysis Results for 433787

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Lab Job #: 433787
Project No: SOUTH EL MONTE
Location: 2212 Rosemead Blvd. El Monte, CA
Date Received: 09/18/20

**Sample ID: HP-3-10'** **Lab ID: 433787-001** **Collected: 09/18/20 14:53**
**Matrix: Soil**

| 433787-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 6.6 | 0.37 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.6 | 0.70 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 6.6 | 1.1 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 6.6 | 0.36 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 6.6 | 0.63 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 6.6 | 0.88 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 13 | 12 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Freon 12 | ND | | ug/Kg | 6.6 | 0.57 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloromethane | ND | | ug/Kg | 6.6 | 0.47 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 6.6 | 0.57 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromomethane | ND | | ug/Kg | 6.6 | 0.39 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloroethane | ND | | ug/Kg | 6.6 | 0.42 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 6.6 | 0.37 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Acetone | ND | | ug/Kg | 130 | 66 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Freon 113 | ND | | ug/Kg | 6.6 | 0.97 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 6.6 | 0.24 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Methylene Chloride | **1.8** | B,J | ug/Kg | 6.6 | 0.87 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| MTBE | ND | | ug/Kg | 6.6 | 0.58 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 6.6 | 0.46 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 6.6 | 0.53 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 130 | 4.2 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 6.6 | 0.70 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 6.6 | 0.70 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloroform | ND | | ug/Kg | 6.6 | 0.46 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 6.6 | 0.46 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 6.6 | 0.59 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 6.6 | 0.55 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 6.6 | 0.43 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 6.6 | 0.63 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Benzene | **1.0** | J | ug/Kg | 6.6 | 0.28 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Trichloroethene | **1.7** | J | ug/Kg | 6.6 | 0.70 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 6.6 | 0.74 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 6.6 | 0.66 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 6.6 | 0.72 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433787

| 433787-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 6.6 | 2.5 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 6.6 | 0.39 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Toluene | ND | | ug/Kg | 6.6 | 0.59 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 6.6 | 0.53 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 6.6 | 0.75 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 6.6 | 0.61 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Tetrachloroethene | **14** | | ug/Kg | 6.6 | 0.76 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 6.6 | 0.50 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 6.6 | 0.67 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 6.6 | 0.34 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 6.6 | 0.63 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 6.6 | 0.58 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 13 | 1.1 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| o-Xylene | ND | | ug/Kg | 6.6 | 0.41 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Styrene | ND | | ug/Kg | 6.6 | 0.61 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromoform | ND | | ug/Kg | 6.6 | 0.66 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 6.6 | 0.47 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 6.6 | 0.50 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 6.6 | 0.96 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 6.6 | 0.50 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 6.6 | 0.45 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 6.6 | 0.53 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 6.6 | 0.61 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 6.6 | 0.67 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 6.6 | 0.45 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 6.6 | 0.59 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 6.6 | 0.59 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 6.6 | 0.71 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 6.6 | 0.62 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 6.6 | 0.61 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 6.6 | 0.87 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 6.6 | 0.70 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 6.6 | 0.84 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 6.6 | 1.2 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 6.6 | 0.79 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Naphthalene | ND | | ug/Kg | 6.6 | 1.1 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 6.6 | 0.71 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 6.6 | | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | 1.7 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloroethane-d4 | 102% | | %REC | 70-145 | | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Toluene-d8 | 103% | | %REC | 70-145 | | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromofluorobenzene | 100% | | %REC | 70-145 | 2.0 | 1.3 | 253180 | 09/24/20 | 09/24/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433787

| Sample ID: HP-3-20' | Lab ID: 433787-002 | Collected: 09/18/20 15:04 |
|---|---|---|
| | Matrix: Soil | |

| 433787-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.3 | 0.29 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.3 | 0.71 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.4 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.3 | 0.34 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Acetone | ND | | ug/Kg | 110 | 53 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.3 | 0.79 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.3 | 0.19 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Methylene Chloride | **1.6** | B,J | ug/Kg | 5.3 | 0.70 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| MTBE | ND | | ug/Kg | 5.3 | 0.47 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 110 | 3.4 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.3 | 0.45 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.3 | 0.35 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Benzene | ND | | ug/Kg | 5.3 | 0.22 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.60 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 5.3 | 0.59 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.3 | 2.0 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Toluene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.3 | 0.61 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433787

| 433787-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **1.1** | J | ug/Kg | 5.3 | 0.62 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.3 | 0.28 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 5.3 | 0.47 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.88 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| o-Xylene | ND | | ug/Kg | 5.3 | 0.33 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Styrene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.3 | 0.78 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.50 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.3 | 0.70 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.3 | 0.68 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.95 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.3 | 0.64 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Naphthalene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 5.3 | | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | 1.4 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloroethane-d4 | 101% | | %REC | 70-145 | | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Toluene-d8 | 102% | | %REC | 70-145 | | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromofluorobenzene | 101% | | %REC | 70-145 | 1.6 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433787

| Sample ID: HP-3-30' | Lab ID: 433787-003 | Collected: 09/18/20 15:25 |
|---|---|---|
| | Matrix: Soil | |

| 433787-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.6 | 0.31 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.6 | 0.59 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.6 | 0.96 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.6 | 0.30 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.6 | 0.53 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.6 | 0.74 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.8 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Freon 12 | ND | | ug/Kg | 5.6 | 0.48 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloromethane | ND | | ug/Kg | 5.6 | 0.40 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 5.6 | 0.48 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromomethane | ND | | ug/Kg | 5.6 | 0.33 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloroethane | ND | | ug/Kg | 5.6 | 0.36 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 5.6 | 0.31 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Acetone | ND | | ug/Kg | 110 | 56 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Freon 113 | ND | | ug/Kg | 5.6 | 0.82 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.6 | 0.20 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Methylene Chloride | **1.7** | B,J | ug/Kg | 5.6 | 0.73 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| MTBE | ND | | ug/Kg | 5.6 | 0.49 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.6 | 0.39 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.6 | 0.44 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2-Butanone | ND | | ug/Kg | 110 | 3.6 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.6 | 0.59 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.6 | 0.59 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloroform | ND | | ug/Kg | 5.6 | 0.39 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 5.6 | 0.39 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.6 | 0.50 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.6 | 0.47 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 5.6 | 0.37 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.6 | 0.53 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Benzene | ND | | ug/Kg | 5.6 | 0.23 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Trichloroethene | ND | | ug/Kg | 5.6 | 0.59 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.6 | 0.62 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 5.6 | 0.56 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 5.6 | 0.61 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.6 | 2.1 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.6 | 0.33 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Toluene | ND | | ug/Kg | 5.6 | 0.50 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.6 | 0.44 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.6 | 0.63 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.6 | 0.51 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433787

| 433787-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **0.74** | J | ug/Kg | 5.6 | 0.64 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 5.6 | 0.42 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.6 | 0.57 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 5.6 | 0.29 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.6 | 0.53 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 5.6 | 0.49 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.92 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| o-Xylene | ND | | ug/Kg | 5.6 | 0.34 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Styrene | ND | | ug/Kg | 5.6 | 0.51 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromoform | ND | | ug/Kg | 5.6 | 0.56 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 5.6 | 0.40 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.6 | 0.42 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.6 | 0.81 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 5.6 | 0.42 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 5.6 | 0.38 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.6 | 0.44 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 5.6 | 0.51 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 5.6 | 0.57 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 5.6 | 0.38 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.6 | 0.50 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 5.6 | 0.50 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.6 | 0.60 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.6 | 0.52 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.6 | 0.51 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 5.6 | 0.73 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.6 | 0.59 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.6 | 0.71 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.6 | 0.99 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 5.6 | 0.67 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Naphthalene | ND | | ug/Kg | 5.6 | 0.96 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.6 | 0.60 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 5.6 | | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 97% | | %REC | 70-145 | 1.4 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloroethane-d4 | 102% | | %REC | 70-145 | | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Toluene-d8 | 103% | | %REC | 70-145 | | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromofluorobenzene | 99% | | %REC | 70-145 | 1.7 | 1.1 | 253180 | 09/24/20 | 09/24/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433787

| Sample ID: HP-3-40' | Lab ID: 433787-004 | Collected: 09/18/20 15:42 |
|---|---|---|
| | Matrix: Soil | |

| 433787-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.1 | 0.23 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.1 | 0.43 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.1 | 0.70 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.1 | 0.22 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.1 | 0.39 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.1 | 0.55 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.2 | 7.2 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Freon 12 | ND | | ug/Kg | 4.1 | 0.35 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloromethane | ND | | ug/Kg | 4.1 | 0.30 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Vinyl Chloride | ND | | ug/Kg | 4.1 | 0.35 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromomethane | ND | | ug/Kg | 4.1 | 0.25 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloroethane | ND | | ug/Kg | 4.1 | 0.26 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Trichlorofluoromethane | ND | | ug/Kg | 4.1 | 0.23 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Acetone | ND | | ug/Kg | 82 | 41 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Freon 113 | ND | | ug/Kg | 4.1 | 0.61 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/Kg | 4.1 | 0.15 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Methylene Chloride | **1.2** | B,J | ug/Kg | 4.1 | 0.54 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| MTBE | ND | | ug/Kg | 4.1 | 0.36 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,2-Dichloroethene | **0.30** | J | ug/Kg | 4.1 | 0.29 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloroethane | **2.7** | J | ug/Kg | 4.1 | 0.33 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2-Butanone | **4.2** | J | ug/Kg | 82 | 2.6 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,2-Dichloroethene | **5.7** | | ug/Kg | 4.1 | 0.43 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.1 | 0.43 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chloroform | ND | | ug/Kg | 4.1 | 0.29 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromochloromethane | ND | | ug/Kg | 4.1 | 0.29 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.1 | 0.37 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.1 | 0.34 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Carbon Tetrachloride | ND | | ug/Kg | 4.1 | 0.27 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.1 | 0.39 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Benzene | **0.83** | J | ug/Kg | 4.1 | 0.17 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Trichloroethene | **15** | | ug/Kg | 4.1 | 0.43 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.1 | 0.46 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromodichloromethane | ND | | ug/Kg | 4.1 | 0.41 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Dibromomethane | ND | | ug/Kg | 4.1 | 0.45 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.1 | 1.6 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.1 | 0.25 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Toluene | ND | | ug/Kg | 4.1 | 0.37 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.1 | 0.33 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.1 | 0.47 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.1 | 0.38 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433787

| 433787-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **2.9** | J | ug/Kg | 4.1 | 0.48 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Dibromochloromethane | ND | | ug/Kg | 4.1 | 0.31 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.1 | 0.42 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Chlorobenzene | ND | | ug/Kg | 4.1 | 0.21 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.1 | 0.39 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Ethylbenzene | ND | | ug/Kg | 4.1 | 0.36 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| m,p-Xylenes | ND | | ug/Kg | 8.2 | 0.68 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| o-Xylene | ND | | ug/Kg | 4.1 | 0.25 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Styrene | ND | | ug/Kg | 4.1 | 0.38 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromoform | ND | | ug/Kg | 4.1 | 0.41 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Isopropylbenzene | ND | | ug/Kg | 4.1 | 0.30 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.1 | 0.31 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.1 | 0.60 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Propylbenzene | ND | | ug/Kg | 4.1 | 0.31 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromobenzene | ND | | ug/Kg | 4.1 | 0.28 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.1 | 0.33 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 2-Chlorotoluene | ND | | ug/Kg | 4.1 | 0.38 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 4-Chlorotoluene | ND | | ug/Kg | 4.1 | 0.42 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| tert-Butylbenzene | ND | | ug/Kg | 4.1 | 0.28 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.1 | 0.37 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| sec-Butylbenzene | ND | | ug/Kg | 4.1 | 0.37 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.1 | 0.44 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.1 | 0.39 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.1 | 0.38 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| n-Butylbenzene | ND | | ug/Kg | 4.1 | 0.54 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.1 | 0.43 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.1 | 0.52 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.1 | 0.73 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Hexachlorobutadiene | ND | | ug/Kg | 4.1 | 0.49 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Naphthalene | ND | | ug/Kg | 4.1 | 0.70 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.1 | 0.44 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Xylene (total) | ND | | ug/Kg | 4.1 | | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | 1.1 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| 1,2-Dichloroethane-d4 | 102% | | %REC | 70-145 | | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Toluene-d8 | 102% | | %REC | 70-145 | | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |
| Bromofluorobenzene | 100% | | %REC | 70-145 | 1.2 | 0.82 | 253180 | 09/24/20 | 09/24/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433787

| Sample ID: HP-3-GW | Lab ID: 433787-005 | Collected: 09/18/20 15:50 |
|---|---|---|
| | Matrix: Water | |

| 433787-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5030B | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| cis-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| trans-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Isopropyl Ether (DIPE) | ND | | ug/L | 1.0 | 0.05 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/L | 1.0 | 0.06 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/L | 1.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| tert-Butyl Alcohol (TBA) | ND | | ug/L | 10 | 1.5 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Freon 12 | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Chloromethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Vinyl Chloride | **0.08** | J | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromomethane | ND | | ug/L | 5.0 | 0.7 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Chloroethane | ND | | ug/L | 5.0 | 0.5 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Trichlorofluoromethane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Acetone | ND | | ug/L | 100 | 50 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Freon 113 | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1-Dichloroethene | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Methylene Chloride | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| MTBE | ND | | ug/L | 1.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| trans-1,2-Dichloroethene | **0.1** | J | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1-Dichloroethane | **1.5** | J | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 2-Butanone | **3.4** | J | ug/L | 100 | 0.5 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| cis-1,2-Dichloroethene | **7.8** | | ug/L | 5.0 | 0.07 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 2,2-Dichloropropane | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Chloroform | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromochloromethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1,1-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1-Dichloropropene | ND | | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Carbon Tetrachloride | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dichloroethane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Benzene | **0.3** | J | ug/L | 1.0 | 0.07 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Trichloroethene | **6.0** | | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dichloropropane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromodichloromethane | ND | | ug/L | 5.0 | 0.05 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Dibromomethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 4-Methyl-2-Pentanone | **1.8** | J | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| cis-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.06 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Toluene | **0.4** | J | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| trans-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1,2-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,3-Dichloropropane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433787

| 433787-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **6.7** | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Dibromochloromethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dibromoethane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Chlorobenzene | ND | | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Ethylbenzene | **0.1** | J | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| m,p-Xylenes | **0.2** | J | ug/L | 10 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| o-Xylene | **0.07** | J | ug/L | 5.0 | 0.05 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Styrene | ND | | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromoform | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Isopropylbenzene | ND | | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2,3-Trichloropropane | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Propylbenzene | ND | | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromobenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 5.0 | 0.07 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 2-Chlorotoluene | ND | | ug/L | 5.0 | 0.09 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 4-Chlorotoluene | ND | | ug/L | 5.0 | 0.05 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| tert-Butylbenzene | ND | | ug/L | 5.0 | 0.08 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| sec-Butylbenzene | ND | | ug/L | 5.0 | 0.04 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| para-Isopropyl Toluene | ND | | ug/L | 5.0 | 0.06 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,3-Dichlorobenzene | ND | | ug/L | 5.0 | 0.07 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,4-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| n-Butylbenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/L | 5.0 | 0.1 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Hexachlorobutadiene | ND | | ug/L | 5.0 | 0.2 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Naphthalene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Xylene (total) | **0.2** | J | ug/L | 5.0 | | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 101% | | %REC | 70-140 | | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| 1,2-Dichloroethane-d4 | 109% | | %REC | 70-140 | 2.5 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Toluene-d8 | 97% | | %REC | 70-140 | | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |
| Bromofluorobenzene | 93% | | %REC | 70-140 | 1.8 | 1 | 253273 | 09/25/20 | 09/25/20 | LXR |

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type:** Blank | **Lab ID:** QC886875 | **Batch:** 253180 |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5035 |

| QC886875 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.28 | 09/24/20 | 09/24/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.53 | 09/24/20 | 09/24/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.86 | 09/24/20 | 09/24/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.27 | 09/24/20 | 09/24/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.48 | 09/24/20 | 09/24/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.67 | 09/24/20 | 09/24/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 09/24/20 | 09/24/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.43 | 09/24/20 | 09/24/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.36 | 09/24/20 | 09/24/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.43 | 09/24/20 | 09/24/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.30 | 09/24/20 | 09/24/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.32 | 09/24/20 | 09/24/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.28 | 09/24/20 | 09/24/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 09/24/20 | 09/24/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.74 | 09/24/20 | 09/24/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.18 | 09/24/20 | 09/24/20 |
| Methylene Chloride | 4.8 | J | ug/Kg | 5.0 | 0.66 | 09/24/20 | 09/24/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.44 | 09/24/20 | 09/24/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.35 | 09/24/20 | 09/24/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.40 | 09/24/20 | 09/24/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 3.2 | 09/24/20 | 09/24/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/24/20 | 09/24/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.53 | 09/24/20 | 09/24/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.35 | 09/24/20 | 09/24/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.35 | 09/24/20 | 09/24/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.45 | 09/24/20 | 09/24/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.42 | 09/24/20 | 09/24/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.33 | 09/24/20 | 09/24/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/24/20 | 09/24/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.21 | 09/24/20 | 09/24/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/24/20 | 09/24/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.56 | 09/24/20 | 09/24/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.50 | 09/24/20 | 09/24/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.55 | 09/24/20 | 09/24/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 1.9 | 09/24/20 | 09/24/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.30 | 09/24/20 | 09/24/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.45 | 09/24/20 | 09/24/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.40 | 09/24/20 | 09/24/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.57 | 09/24/20 | 09/24/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.46 | 09/24/20 | 09/24/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.58 | 09/24/20 | 09/24/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.38 | 09/24/20 | 09/24/20 |

ENTHALPY ANALYTICAL

# Batch QC

| QC886875 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.51 | 09/24/20 | 09/24/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.26 | 09/24/20 | 09/24/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/24/20 | 09/24/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.44 | 09/24/20 | 09/24/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.83 | 09/24/20 | 09/24/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.31 | 09/24/20 | 09/24/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.46 | 09/24/20 | 09/24/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.50 | 09/24/20 | 09/24/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.36 | 09/24/20 | 09/24/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.38 | 09/24/20 | 09/24/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.73 | 09/24/20 | 09/24/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.38 | 09/24/20 | 09/24/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/24/20 | 09/24/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.40 | 09/24/20 | 09/24/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.46 | 09/24/20 | 09/24/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.51 | 09/24/20 | 09/24/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/24/20 | 09/24/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/24/20 | 09/24/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/24/20 | 09/24/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.54 | 09/24/20 | 09/24/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.47 | 09/24/20 | 09/24/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.46 | 09/24/20 | 09/24/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.66 | 09/24/20 | 09/24/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.53 | 09/24/20 | 09/24/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.64 | 09/24/20 | 09/24/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.89 | 09/24/20 | 09/24/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.60 | 09/24/20 | 09/24/20 |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.86 | 09/24/20 | 09/24/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.54 | 09/24/20 | 09/24/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 09/24/20 | 09/24/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 102% | | %REC | 70-130 | 1.3 | 09/24/20 | 09/24/20 |
| 1,2-Dichloroethane-d4 | 99% | | %REC | 70-145 | | 09/24/20 | 09/24/20 |
| Toluene-d8 | 101% | | %REC | 70-145 | | 09/24/20 | 09/24/20 |
| Bromofluorobenzene | 99% | | %REC | 70-145 | 1.5 | 09/24/20 | 09/24/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Lab Control Sample** | **Lab ID: QC886876** | **Batch: 253180** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5035** |

| QC886876 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 41.47 | 50.00 | ug/Kg | 83% | | 70-131 |
| MTBE | 40.27 | 50.00 | ug/Kg | 81% | | 69-130 |
| Benzene | 43.19 | 50.00 | ug/Kg | 86% | | 70-130 |
| Trichloroethene | 48.31 | 50.00 | ug/Kg | 97% | | 70-130 |
| Toluene | 45.29 | 50.00 | ug/Kg | 91% | | 70-130 |
| Chlorobenzene | 46.54 | 50.00 | ug/Kg | 93% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 50.98 | 50.00 | ug/Kg | 102% | | 70-130 |
| 1,2-Dichloroethane-d4 | 47.22 | 50.00 | ug/Kg | 94% | | 70-145 |
| Toluene-d8 | 50.78 | 50.00 | ug/Kg | 102% | | 70-145 |
| Bromofluorobenzene | 53.37 | 50.00 | ug/Kg | 107% | | 70-145 |

| | | |
|---|---|---|
| **Type: Lab Control Sample Duplicate** | **Lab ID: QC886877** | **Batch: 253180** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5035** |

| QC886877 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 41.35 | 50.00 | ug/Kg | 83% | | 70-131 | 0 | 33 |
| MTBE | 40.98 | 50.00 | ug/Kg | 82% | | 69-130 | 2 | 30 |
| Benzene | 43.63 | 50.00 | ug/Kg | 87% | | 70-130 | 1 | 30 |
| Trichloroethene | 46.79 | 50.00 | ug/Kg | 94% | | 70-130 | 3 | 30 |
| Toluene | 44.60 | 50.00 | ug/Kg | 89% | | 70-130 | 2 | 30 |
| Chlorobenzene | 45.79 | 50.00 | ug/Kg | 92% | | 70-130 | 2 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 51.62 | 50.00 | ug/Kg | 103% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 48.44 | 50.00 | ug/Kg | 97% | | 70-145 | | |
| Toluene-d8 | 50.37 | 50.00 | ug/Kg | 101% | | 70-145 | | |
| Bromofluorobenzene | 52.81 | 50.00 | ug/Kg | 106% | | 70-145 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | | |
|---|---|---|---|
| **Type:** Blank | **Lab ID:** QC887138 | **Batch:** 253273 | |
| **Matrix:** Water | **Method:** EPA 8260B | **Prep Method:** EPA 5030B | |

| QC887138 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| Isopropyl Ether (DIPE) | ND | | ug/L | 1.0 | 0.05 | 09/25/20 | 09/25/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/L | 1.0 | 0.06 | 09/25/20 | 09/25/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/L | 1.0 | 0.08 | 09/25/20 | 09/25/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/L | 10 | 1.5 | 09/25/20 | 09/25/20 |
| Freon 12 | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Chloromethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Vinyl Chloride | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| Bromomethane | ND | | ug/L | 5.0 | 0.7 | 09/25/20 | 09/25/20 |
| Chloroethane | ND | | ug/L | 5.0 | 0.5 | 09/25/20 | 09/25/20 |
| Trichlorofluoromethane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Acetone | ND | | ug/L | 100 | 50 | 09/25/20 | 09/25/20 |
| Freon 113 | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 1,1-Dichloroethene | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Methylene Chloride | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| MTBE | ND | | ug/L | 1.0 | 0.08 | 09/25/20 | 09/25/20 |
| trans-1,2-Dichloroethene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,1-Dichloroethane | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| 2-Butanone | ND | | ug/L | 100 | 0.5 | 09/25/20 | 09/25/20 |
| cis-1,2-Dichloroethene | ND | | ug/L | 5.0 | 0.07 | 09/25/20 | 09/25/20 |
| 2,2-Dichloropropane | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| Chloroform | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Bromochloromethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 1,1,1-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 1,1-Dichloropropene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| Carbon Tetrachloride | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2-Dichloroethane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Benzene | ND | | ug/L | 1.0 | 0.07 | 09/25/20 | 09/25/20 |
| Trichloroethene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| 1,2-Dichloropropane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Bromodichloromethane | ND | | ug/L | 5.0 | 0.05 | 09/25/20 | 09/25/20 |
| Dibromomethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 4-Methyl-2-Pentanone | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| cis-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.06 | 09/25/20 | 09/25/20 |
| Toluene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| trans-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,1,2-Trichloroethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| 1,3-Dichloropropane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Tetrachloroethene | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Dibromochloromethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC887138 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Chlorobenzene | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| Ethylbenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| m,p-Xylenes | ND | | ug/L | 10 | 0.1 | 09/25/20 | 09/25/20 |
| o-Xylene | ND | | ug/L | 5.0 | 0.05 | 09/25/20 | 09/25/20 |
| Styrene | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| Bromoform | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Isopropylbenzene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2,3-Trichloropropane | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Propylbenzene | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| Bromobenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 5.0 | 0.07 | 09/25/20 | 09/25/20 |
| 2-Chlorotoluene | ND | | ug/L | 5.0 | 0.09 | 09/25/20 | 09/25/20 |
| 4-Chlorotoluene | ND | | ug/L | 5.0 | 0.05 | 09/25/20 | 09/25/20 |
| tert-Butylbenzene | ND | | ug/L | 5.0 | 0.08 | 09/25/20 | 09/25/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| sec-Butylbenzene | ND | | ug/L | 5.0 | 0.04 | 09/25/20 | 09/25/20 |
| para-Isopropyl Toluene | ND | | ug/L | 5.0 | 0.06 | 09/25/20 | 09/25/20 |
| 1,3-Dichlorobenzene | ND | | ug/L | 5.0 | 0.07 | 09/25/20 | 09/25/20 |
| 1,4-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| n-Butylbenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2-Dichlorobenzene | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/L | 5.0 | 0.1 | 09/25/20 | 09/25/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| Hexachlorobutadiene | ND | | ug/L | 5.0 | 0.2 | 09/25/20 | 09/25/20 |
| Naphthalene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/25/20 | 09/25/20 |
| Xylene (total) | ND | | ug/L | 5.0 | | 09/25/20 | 09/25/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 101% | | %REC | 70-140 | | 09/25/20 | 09/25/20 |
| 1,2-Dichloroethane-d4 | 110% | | %REC | 70-140 | 2.5 | 09/25/20 | 09/25/20 |
| Toluene-d8 | 99% | | %REC | 70-140 | | 09/25/20 | 09/25/20 |
| Bromofluorobenzene | 96% | | %REC | 70-140 | 1.8 | 09/25/20 | 09/25/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Lab Control Sample** | **Lab ID: QC887139** | **Batch: 253273** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC887139 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.93 | 50.00 | ug/L | 102% | | 70-135 |
| MTBE | 56.18 | 50.00 | ug/L | 112% | | 70-130 |
| Benzene | 49.53 | 50.00 | ug/L | 99% | | 70-130 |
| Trichloroethene | 46.01 | 50.00 | ug/L | 92% | | 70-130 |
| Toluene | 46.83 | 50.00 | ug/L | 94% | | 70-130 |
| Chlorobenzene | 46.35 | 50.00 | ug/L | 93% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 50.81 | 50.00 | ug/L | 102% | | 70-140 |
| 1,2-Dichloroethane-d4 | 55.47 | 50.00 | ug/L | 111% | | 70-140 |
| Toluene-d8 | 49.91 | 50.00 | ug/L | 100% | | 70-140 |
| Bromofluorobenzene | 45.57 | 50.00 | ug/L | 91% | | 70-140 |

| | | |
|---|---|---|
| **Type: Lab Control Sample Duplicate** | **Lab ID: QC887140** | **Batch: 253273** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC887140 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.48 | 50.00 | ug/L | 101% | | 70-135 | 1 | 30 |
| MTBE | 56.48 | 50.00 | ug/L | 113% | | 70-130 | 1 | 30 |
| Benzene | 49.36 | 50.00 | ug/L | 99% | | 70-130 | 0 | 30 |
| Trichloroethene | 45.75 | 50.00 | ug/L | 91% | | 70-130 | 1 | 30 |
| Toluene | 46.52 | 50.00 | ug/L | 93% | | 70-130 | 1 | 30 |
| Chlorobenzene | 46.65 | 50.00 | ug/L | 93% | | 70-130 | 1 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 49.13 | 50.00 | ug/L | 98% | | 70-140 | | |
| 1,2-Dichloroethane-d4 | 53.85 | 50.00 | ug/L | 108% | | 70-140 | | |
| Toluene-d8 | 49.87 | 50.00 | ug/L | 100% | | 70-140 | | |
| Bromofluorobenzene | 47.67 | 50.00 | ug/L | 95% | | 70-140 | | |

J Estimated value
ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

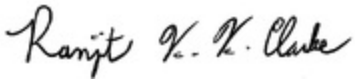
Lab Job Number: 433829
Report Level: II
Report Date: 09/28/2020

**Analytical Report** *prepared for:*

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Project: SOUTH EL MONTE - 2212 Rosemead Blvd., El Monte, CA

*Authorized for release by:*



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

# Sample Summary

| | | |
|---|---|---|
| Vanessa Layne<br>EEC<br>1 City Boulevard West<br>Suite 1800<br>Orange, CA 92868 | Lab Job #:<br>Project No:<br>Location:<br>Date Received: | 433829<br>SOUTH EL MONTE<br>2212 Rosemead Blvd., El Monte, CA<br>09/21/20 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| HP-4-10' | 433829-001 | 09/19/20 14:30 | Soil |
| HP-4-20' | 433829-002 | 09/19/20 14:41 | Soil |
| HP-4-30' | 433829-003 | 09/19/20 14:51 | Soil |
| HP-4-40' | 433829-004 | 09/19/20 15:00 | Soil |
| HP-4-GW | 433829-005 | 09/19/20 15:23 | Water |

# ENTHALPY ANALYTICAL

## Chain of Custody Record

Lab No: 433829

Page: of

**Turn Around Time (rush by advanced notice only)**

| Standard: | X | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


**Matrix:** A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

**Preservatives:** 1 = $Na_2S_2O_3$ 2 = HCl 3 = $HNO_3$ 4 = $H_2SO_4$ 5 = NaOH 6 = Other

**Sample Receipt Temp:** 4.7 /0.7 (lab use only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S.3537 |
| Address: | 1 City Blvd W, Ste 1800 | Address: | Rosemead Blvd |
| | Orange, CA | | South El Monte |
| Phone: | 714-954-2501 | Global ID: | |
| Fax: | | Sampled By: | MZ |

| | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | VOCS - 8260/5035 | VOCs 8260 | Analysis Request | Test Instructions / Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | HP-4-10' | 9.19.20 | 1430 | Sc | 3 | MeOH NaHSO4 | X | | | Report MDLs and flags<br>Archive all sleeves |
| 2 | HP-4-20' | " | 1441 | " | " | " | X | | | |
| 3 | HP-4-30' | " | 1451 | " | " | " | X | | | |
| 4 | HP-4-40' | " | 1500 | " | " | " | X | | | |
| 5 | HP-4-50' | | | | | | X | | | |
| 6 | HP-4-60' | | | | | | X | | | |
| 7 | HP-4-GW | 9.19.20 | 1523 | GW | 3 | HCl | | X | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Mike Zeko | EEC | 9-21-20 |
| [1] Received By: | | Mark Zeko | EEC | 9/21/20 |
| [2] Relinquished By: | | Mark Zeko | EEC | 9/21/20 13:46 |
| [2] Received By: | | Elizabeth Ramirez | EA | 9/21/20 13:40 |
| [3] Relinquished By: | | | | |

ENTHALPY ANALYTICAL

# SAMPLE ACCEPTANCE CHECKLIST

**Section 1**

Client: EEC Environmental

Project: South El Monte

Date Received: 09/21/2020

Sampler's Name Present: ☑ Yes ☐ No

**Section 2**

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.7 #2: _____ #3: _____ #4: _____

*(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)*

Shipping Information: _____

**Section 3**

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.7 #2: _____ #3: _____ #4: _____

| Section 4 | YES | NO | N/A |
|---|---|---|---|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | ✓ | | |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | ✓ | | |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | ✓ | | |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

**Section 5** Explanations/Comments

1 of three vials have head-space. No samples for lines 5 (HP-4-50') and 6 (HP-4-60').

**Section 6**

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☑ Email (email sent to/on): 09/21 / RKC

Project Manager's response:

Completed By: _____ Date: 09/21/2020

ENTHALPY ANALYTICAL

# Analysis Results for 433829

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Lab Job #: 433829
Project No: SOUTH EL MONTE
Location: 2212 Rosemead Blvd., El Monte, CA
Date Received: 09/21/20

**Sample ID: HP-4-10'** **Lab ID: 433829-001** **Collected: 09/19/20 14:30**
**Matrix: Soil**

| 433829-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.3 | 0.29 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.3 | 0.71 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 9.4 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 5.3 | 0.46 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 5.3 | 0.34 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 5.3 | 0.30 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Acetone | ND | | ug/Kg | 110 | 53 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 5.3 | 0.79 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.3 | 0.19 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Methylene Chloride | **1.3** | B,J | ug/Kg | 5.3 | 0.70 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| MTBE | ND | | ug/Kg | 5.3 | 0.47 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2-Butanone | ND | | ug/Kg | 110 | 3.4 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 5.3 | 0.37 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.3 | 0.45 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 5.3 | 0.35 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Benzene | ND | | ug/Kg | 5.3 | 0.22 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Trichloroethene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.3 | 0.60 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 5.3 | 0.59 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433829

| 433829-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.3 | 2.0 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.32 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Toluene | **0.94** | J | ug/Kg | 5.3 | 0.48 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.3 | 0.61 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Tetrachloroethene | ND | | ug/Kg | 5.3 | 0.62 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 5.3 | 0.28 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.51 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Ethylbenzene | ND | | ug/Kg | 5.3 | 0.47 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.88 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| o-Xylene | **0.35** | J | ug/Kg | 5.3 | 0.33 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Styrene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 5.3 | 0.53 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 5.3 | 0.38 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.3 | 0.78 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 5.3 | 0.40 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.3 | 0.43 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 5.3 | 0.54 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 5.3 | 0.36 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 5.3 | 0.48 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.50 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.49 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 5.3 | 0.70 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.3 | 0.56 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.3 | 0.68 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.95 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 5.3 | 0.64 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 5.3 | 0.91 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.3 | 0.57 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Xylene (total) | **0.35** | J | ug/Kg | 5.3 | | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | 1.4 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 104% | | %REC | 70-145 | | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Toluene-d8 | 101% | | %REC | 70-145 | | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromofluorobenzene | 96% | | %REC | 70-145 | 1.6 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433829

| Sample ID: HP-4-20' | Lab ID: 433829-002 | Collected: 09/19/20 14:41 |
|---|---|---|
| | Matrix: Soil | |

| 433829-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.7 | 0.32 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.7 | 0.60 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.7 | 0.98 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.7 | 0.31 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.7 | 0.55 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.7 | 0.76 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 11 | 10 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 5.7 | 0.49 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 5.7 | 0.41 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 5.7 | 0.49 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 5.7 | 0.34 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 5.7 | 0.36 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 5.7 | 0.32 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Acetone | ND | | ug/Kg | 110 | 57 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 5.7 | 0.84 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.7 | 0.20 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Methylene Chloride | **1.5** | B,J | ug/Kg | 5.7 | 0.75 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| MTBE | ND | | ug/Kg | 5.7 | 0.50 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.7 | 0.40 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.7 | 0.45 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2-Butanone | ND | | ug/Kg | 110 | 3.6 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.7 | 0.60 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.7 | 0.60 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 5.7 | 0.40 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 5.7 | 0.40 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.7 | 0.51 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.7 | 0.48 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 5.7 | 0.38 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.7 | 0.55 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Benzene | ND | | ug/Kg | 5.7 | 0.24 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Trichloroethene | ND | | ug/Kg | 5.7 | 0.60 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.7 | 0.64 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 5.7 | 0.57 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 5.7 | 0.63 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.7 | 2.2 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.7 | 0.34 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Toluene | **0.60** | J | ug/Kg | 5.7 | 0.51 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.7 | 0.45 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.7 | 0.65 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.7 | 0.52 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433829

| 433829-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | ND | | ug/Kg | 5.7 | 0.66 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 5.7 | 0.43 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.7 | 0.58 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 5.7 | 0.30 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.7 | 0.55 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Ethylbenzene | ND | | ug/Kg | 5.7 | 0.50 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| m,p-Xylenes | ND | | ug/Kg | 11 | 0.94 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| o-Xylene | ND | | ug/Kg | 5.7 | 0.35 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Styrene | ND | | ug/Kg | 5.7 | 0.52 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 5.7 | 0.57 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 5.7 | 0.41 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.7 | 0.43 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.7 | 0.83 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 5.7 | 0.43 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 5.7 | 0.39 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.7 | 0.45 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 5.7 | 0.52 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 5.7 | 0.58 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 5.7 | 0.39 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.7 | 0.51 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 5.7 | 0.51 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.7 | 0.61 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.53 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.52 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 5.7 | 0.75 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.7 | 0.60 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.7 | 0.73 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.7 | 1.0 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 5.7 | 0.68 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 5.7 | 0.98 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.7 | 0.61 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Xylene (total) | ND | | ug/Kg | 5.7 | | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 98% | | %REC | 70-145 | 1.5 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 101% | | %REC | 70-145 | | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Toluene-d8 | 102% | | %REC | 70-145 | | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromofluorobenzene | 95% | | %REC | 70-145 | 1.7 | 1.1 | 253301 | 09/26/20 | 09/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433829

| Sample ID: HP-4-30' | Lab ID: 433829-003 | Collected: 09/19/20 14:51 |
|---|---|---|
| | Matrix: Soil | |

| 433829-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 5.1 | 0.29 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.1 | 0.54 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.1 | 0.88 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.1 | 0.28 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.1 | 0.49 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.1 | 0.68 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | **9.4** | J | ug/Kg | 10 | 9.0 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 5.1 | 0.44 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 5.1 | 0.37 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Vinyl Chloride | **0.77** | J | ug/Kg | 5.1 | 0.44 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 5.1 | 0.31 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 5.1 | 0.33 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 5.1 | 0.29 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Acetone | ND | | ug/Kg | 100 | 51 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 5.1 | 0.76 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloroethene | **0.43** | J | ug/Kg | 5.1 | 0.18 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Methylene Chloride | **0.92** | B,J | ug/Kg | 5.1 | 0.67 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| MTBE | **1.9** | J | ug/Kg | 5.1 | 0.45 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,2-Dichloroethene | **0.69** | J | ug/Kg | 5.1 | 0.36 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloroethane | **13** | | ug/Kg | 5.1 | 0.41 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2-Butanone | **4.9** | J | ug/Kg | 100 | 3.3 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,2-Dichloroethene | **33** | | ug/Kg | 5.1 | 0.54 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.1 | 0.54 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 5.1 | 0.36 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 5.1 | 0.36 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.1 | 0.46 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.1 | 0.43 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 5.1 | 0.34 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloroethane | **1.5** | J | ug/Kg | 5.1 | 0.49 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Benzene | **0.39** | J | ug/Kg | 5.1 | 0.21 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Trichloroethene | **0.63** | J | ug/Kg | 5.1 | 0.54 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.1 | 0.57 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 5.1 | 0.51 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 5.1 | 0.56 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.1 | 1.9 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.1 | 0.31 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Toluene | ND | | ug/Kg | 5.1 | 0.46 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.1 | 0.41 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.1 | 0.58 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.1 | 0.47 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433829

| 433829-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | ND | | ug/Kg | 5.1 | 0.59 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 5.1 | 0.39 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 5.1 | 0.52 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 5.1 | 0.27 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.1 | 0.49 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Ethylbenzene | ND | | ug/Kg | 5.1 | 0.45 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.85 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| o-Xylene | ND | | ug/Kg | 5.1 | 0.32 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Styrene | ND | | ug/Kg | 5.1 | 0.47 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 5.1 | 0.51 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 5.1 | 0.37 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.1 | 0.39 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.1 | 0.74 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 5.1 | 0.39 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 5.1 | 0.35 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.1 | 0.41 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 5.1 | 0.47 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 5.1 | 0.52 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 5.1 | 0.35 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.1 | 0.46 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 5.1 | 0.46 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.1 | 0.55 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.48 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.47 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 5.1 | 0.67 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.1 | 0.54 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.1 | 0.65 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.1 | 0.91 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 5.1 | 0.61 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 5.1 | 0.88 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.1 | 0.55 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Xylene (total) | ND | | ug/Kg | 5.1 | | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 100% | | %REC | 70-145 | 1.3 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 105% | | %REC | 70-145 | | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Toluene-d8 | 100% | | %REC | 70-145 | | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromofluorobenzene | 97% | | %REC | 70-145 | 1.5 | 1 | 253301 | 09/26/20 | 09/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433829

| Sample ID: HP-4-40' | Lab ID: 433829-004 | Collected: 09/19/20 15:00 |
|---|---|---|
| | Matrix: Soil | |

| 433829-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5035 | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/Kg | 4.3 | 0.24 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.3 | 0.46 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 4.3 | 0.74 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 4.3 | 0.23 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 4.3 | 0.41 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 4.3 | 0.58 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 8.6 | 7.6 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Freon 12 | ND | | ug/Kg | 4.3 | 0.37 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloromethane | ND | | ug/Kg | 4.3 | 0.31 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Vinyl Chloride | ND | | ug/Kg | 4.3 | 0.37 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromomethane | ND | | ug/Kg | 4.3 | 0.26 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloroethane | ND | | ug/Kg | 4.3 | 0.28 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Trichlorofluoromethane | ND | | ug/Kg | 4.3 | 0.24 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Acetone | ND | | ug/Kg | 86 | 43 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Freon 113 | ND | | ug/Kg | 4.3 | 0.64 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloroethene | **0.23** | J | ug/Kg | 4.3 | 0.16 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Methylene Chloride | **0.57** | B,J | ug/Kg | 4.3 | 0.57 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| MTBE | **1.1** | J | ug/Kg | 4.3 | 0.38 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 4.3 | 0.30 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloroethane | **5.0** | | ug/Kg | 4.3 | 0.34 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2-Butanone | **5.0** | J | ug/Kg | 86 | 2.8 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,2-Dichloroethene | **15** | | ug/Kg | 4.3 | 0.46 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2,2-Dichloropropane | ND | | ug/Kg | 4.3 | 0.46 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chloroform | ND | | ug/Kg | 4.3 | 0.30 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromochloromethane | ND | | ug/Kg | 4.3 | 0.30 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 4.3 | 0.39 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1-Dichloropropene | ND | | ug/Kg | 4.3 | 0.36 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Carbon Tetrachloride | ND | | ug/Kg | 4.3 | 0.28 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloroethane | ND | | ug/Kg | 4.3 | 0.41 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Benzene | **0.41** | J | ug/Kg | 4.3 | 0.18 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Trichloroethene | **0.87** | J | ug/Kg | 4.3 | 0.46 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloropropane | ND | | ug/Kg | 4.3 | 0.48 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromodichloromethane | ND | | ug/Kg | 4.3 | 0.43 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Dibromomethane | ND | | ug/Kg | 4.3 | 0.47 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 4.3 | 1.6 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 4.3 | 0.26 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Toluene | ND | | ug/Kg | 4.3 | 0.39 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 4.3 | 0.34 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 4.3 | 0.49 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3-Dichloropropane | ND | | ug/Kg | 4.3 | 0.40 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433829

| 433829-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | ND | | ug/Kg | 4.3 | 0.50 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Dibromochloromethane | ND | | ug/Kg | 4.3 | 0.33 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dibromoethane | ND | | ug/Kg | 4.3 | 0.44 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Chlorobenzene | ND | | ug/Kg | 4.3 | 0.22 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 4.3 | 0.41 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Ethylbenzene | ND | | ug/Kg | 4.3 | 0.38 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| m,p-Xylenes | ND | | ug/Kg | 8.6 | 0.72 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| o-Xylene | ND | | ug/Kg | 4.3 | 0.27 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Styrene | ND | | ug/Kg | 4.3 | 0.40 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromoform | ND | | ug/Kg | 4.3 | 0.43 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Isopropylbenzene | ND | | ug/Kg | 4.3 | 0.31 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 4.3 | 0.33 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 4.3 | 0.63 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Propylbenzene | ND | | ug/Kg | 4.3 | 0.33 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromobenzene | ND | | ug/Kg | 4.3 | 0.29 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 4.3 | 0.34 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 2-Chlorotoluene | ND | | ug/Kg | 4.3 | 0.40 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 4-Chlorotoluene | ND | | ug/Kg | 4.3 | 0.44 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| tert-Butylbenzene | ND | | ug/Kg | 4.3 | 0.29 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 4.3 | 0.39 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| sec-Butylbenzene | ND | | ug/Kg | 4.3 | 0.39 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| para-Isopropyl Toluene | ND | | ug/Kg | 4.3 | 0.47 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 4.3 | 0.41 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 4.3 | 0.40 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| n-Butylbenzene | ND | | ug/Kg | 4.3 | 0.57 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 4.3 | 0.46 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 4.3 | 0.55 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 4.3 | 0.77 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Hexachlorobutadiene | ND | | ug/Kg | 4.3 | 0.52 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Naphthalene | ND | | ug/Kg | 4.3 | 0.74 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 4.3 | 0.47 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Xylene (total) | ND | | ug/Kg | 4.3 | | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 106% | | %REC | 70-145 | 1.1 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| 1,2-Dichloroethane-d4 | 110% | | %REC | 70-145 | | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Toluene-d8 | 98% | | %REC | 70-145 | | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |
| Bromofluorobenzene | 99% | | %REC | 70-145 | 1.3 | 0.86 | 253301 | 09/26/20 | 09/26/20 | JTB |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433829

| Sample ID: HP-4-GW | Lab ID: 433829-005 | Collected: 09/19/20 15:23 |
|---|---|---|
| | Matrix: Water | |

| 433829-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA 8260B<br>Prep Method: EPA 5030B | | | | | | | | | | |
| 3-Chloropropene | ND | | ug/L | 250 | 18 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| cis-1,4-Dichloro-2-butene | ND | | ug/L | 250 | 32 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| trans-1,4-Dichloro-2-butene | ND | | ug/L | 250 | 24 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Isopropyl Ether (DIPE) | ND | | ug/L | 50 | 10 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/L | 50 | 12 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/L | 50 | 9.5 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| tert-Butyl Alcohol (TBA) | ND | | ug/L | 500 | 260 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Freon 12 | ND | | ug/L | 250 | 17 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Chloromethane | ND | | ug/L | 250 | 14 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Vinyl Chloride | ND | | ug/L | 250 | 9.0 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Bromomethane | ND | | ug/L | 250 | 34 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Chloroethane | ND | | ug/L | 250 | 23 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Trichlorofluoromethane | ND | | ug/L | 250 | 13 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Acetone | ND | | ug/L | 5,000 | 2,500 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Freon 113 | ND | | ug/L | 250 | 18 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,1-Dichloroethene | ND | | ug/L | 250 | 15 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Methylene Chloride | **450** | B | ug/L | 250 | 8.0 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| MTBE | ND | | ug/L | 50 | 9.5 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| trans-1,2-Dichloroethene | ND | | ug/L | 250 | 17 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,1-Dichloroethane | ND | | ug/L | 250 | 16 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 2-Butanone | ND | | ug/L | 5,000 | 39 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| cis-1,2-Dichloroethene | **25** | J | ug/L | 250 | 14 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 2,2-Dichloropropane | ND | | ug/L | 250 | 16 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Chloroform | ND | | ug/L | 250 | 9.0 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Bromochloromethane | ND | | ug/L | 250 | 8.5 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,1,1-Trichloroethane | ND | | ug/L | 250 | 19 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,1-Dichloropropene | ND | | ug/L | 250 | 13 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Carbon Tetrachloride | ND | | ug/L | 250 | 14 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2-Dichloroethane | ND | | ug/L | 250 | 10 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Benzene | ND | | ug/L | 50 | 9.0 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Trichloroethene | **37** | J | ug/L | 250 | 20 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2-Dichloropropane | ND | | ug/L | 250 | 18 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Bromodichloromethane | ND | | ug/L | 250 | 16 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Dibromomethane | ND | | ug/L | 250 | 22 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 4-Methyl-2-Pentanone | **110** | J | ug/L | 250 | 6.0 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| cis-1,3-Dichloropropene | ND | | ug/L | 250 | 13 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Toluene | **3,100** | | ug/L | 250 | 12 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| trans-1,3-Dichloropropene | ND | | ug/L | 250 | 12 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,1,2-Trichloroethane | ND | | ug/L | 250 | 13 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,3-Dichloropropane | ND | | ug/L | 250 | 9.5 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 433829

| 433829-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | **120** | J | ug/L | 250 | 9.0 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Dibromochloromethane | ND | | ug/L | 250 | 11 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2-Dibromoethane | ND | | ug/L | 250 | 9.5 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Chlorobenzene | ND | | ug/L | 250 | 9.5 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 250 | 13 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Ethylbenzene | **280** | | ug/L | 250 | 11 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| m,p-Xylenes | **1,400** | | ug/L | 500 | 23 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| o-Xylene | **730** | | ug/L | 250 | 15 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Styrene | **19** | J | ug/L | 250 | 11 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Bromoform | ND | | ug/L | 250 | 10 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Isopropylbenzene | **16** | J | ug/L | 250 | 12 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 250 | 13 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2,3-Trichloropropane | ND | | ug/L | 250 | 8.0 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Propylbenzene | **18** | J | ug/L | 250 | 16 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Bromobenzene | ND | | ug/L | 250 | 27 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,3,5-Trimethylbenzene | **35** | J | ug/L | 250 | 12 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 2-Chlorotoluene | ND | | ug/L | 250 | 17 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 4-Chlorotoluene | ND | | ug/L | 250 | 16 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| tert-Butylbenzene | ND | | ug/L | 250 | 20 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2,4-Trimethylbenzene | **130** | J | ug/L | 250 | 14 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| sec-Butylbenzene | ND | | ug/L | 250 | 16 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| para-Isopropyl Toluene | ND | | ug/L | 250 | 16 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,3-Dichlorobenzene | ND | | ug/L | 250 | 17 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,4-Dichlorobenzene | ND | | ug/L | 250 | 22 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| n-Butylbenzene | ND | | ug/L | 250 | 13 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2-Dichlorobenzene | ND | | ug/L | 250 | 13 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/L | 250 | 6.0 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 250 | 14 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Hexachlorobutadiene | ND | | ug/L | 250 | 26 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Naphthalene | ND | | ug/L | 250 | 13 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 250 | 14 | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Xylene (total) | **2,200** | | ug/L | 250 | | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| **Surrogates** | | | | **Limits** | | | | | | |
| Dibromofluoromethane | 103% | | %REC | 70-140 | | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| 1,2-Dichloroethane-d4 | 116% | | %REC | 70-140 | | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Toluene-d8 | 97% | | %REC | 70-140 | | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |
| Bromofluorobenzene | 108% | | %REC | 70-140 | | 50 | 253187 | 09/24/20 | 09/24/20 | LYZ |

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Blank** | **Lab ID: QC886897** | **Batch: 253187** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC886897 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/L | 5.0 | 0.4 | 09/24/20 | 09/24/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.6 | 09/24/20 | 09/24/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/L | 5.0 | 0.5 | 09/24/20 | 09/24/20 |
| Isopropyl Ether (DIPE) | ND | | ug/L | 1.0 | 0.2 | 09/24/20 | 09/24/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/L | 1.0 | 0.2 | 09/24/20 | 09/24/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/L | 1.0 | 0.2 | 09/24/20 | 09/24/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/L | 10 | 5.2 | 09/24/20 | 09/24/20 |
| Freon 12 | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Chloromethane | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Vinyl Chloride | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| Bromomethane | ND | | ug/L | 5.0 | 0.7 | 09/24/20 | 09/24/20 |
| Chloroethane | ND | | ug/L | 5.0 | 0.5 | 09/24/20 | 09/24/20 |
| Trichlorofluoromethane | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Acetone | ND | | ug/L | 100 | 50 | 09/24/20 | 09/24/20 |
| Freon 113 | ND | | ug/L | 5.0 | 0.4 | 09/24/20 | 09/24/20 |
| 1,1-Dichloroethene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Methylene Chloride | 5.7 | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| MTBE | ND | | ug/L | 1.0 | 0.2 | 09/24/20 | 09/24/20 |
| trans-1,2-Dichloroethene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 1,1-Dichloroethane | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 2-Butanone | ND | | ug/L | 100 | 0.8 | 09/24/20 | 09/24/20 |
| cis-1,2-Dichloroethene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 2,2-Dichloropropane | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Chloroform | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| Bromochloromethane | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| 1,1,1-Trichloroethane | ND | | ug/L | 5.0 | 0.4 | 09/24/20 | 09/24/20 |
| 1,1-Dichloropropene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Carbon Tetrachloride | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 1,2-Dichloroethane | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| Benzene | ND | | ug/L | 1.0 | 0.2 | 09/24/20 | 09/24/20 |
| Trichloroethene | ND | | ug/L | 5.0 | 0.4 | 09/24/20 | 09/24/20 |
| 1,2-Dichloropropane | ND | | ug/L | 5.0 | 0.4 | 09/24/20 | 09/24/20 |
| Bromodichloromethane | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Dibromomethane | ND | | ug/L | 5.0 | 0.4 | 09/24/20 | 09/24/20 |
| 4-Methyl-2-Pentanone | ND | | ug/L | 5.0 | 0.1 | 09/24/20 | 09/24/20 |
| cis-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Toluene | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| trans-1,3-Dichloropropene | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| 1,1,2-Trichloroethane | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 1,3-Dichloropropane | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| Tetrachloroethene | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| Dibromochloromethane | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC886897 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| Chlorobenzene | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Ethylbenzene | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| m,p-Xylenes | ND | | ug/L | 10 | 0.5 | 09/24/20 | 09/24/20 |
| o-Xylene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Styrene | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| Bromoform | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| Isopropylbenzene | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 1,2,3-Trichloropropane | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| Propylbenzene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Bromobenzene | ND | | ug/L | 5.0 | 0.5 | 09/24/20 | 09/24/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 5.0 | 0.2 | 09/24/20 | 09/24/20 |
| 2-Chlorotoluene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 4-Chlorotoluene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| tert-Butylbenzene | ND | | ug/L | 5.0 | 0.4 | 09/24/20 | 09/24/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| sec-Butylbenzene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| para-Isopropyl Toluene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 1,3-Dichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 1,4-Dichlorobenzene | ND | | ug/L | 5.0 | 0.4 | 09/24/20 | 09/24/20 |
| n-Butylbenzene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 1,2-Dichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/L | 5.0 | 0.1 | 09/24/20 | 09/24/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Hexachlorobutadiene | ND | | ug/L | 5.0 | 0.5 | 09/24/20 | 09/24/20 |
| Naphthalene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/L | 5.0 | 0.3 | 09/24/20 | 09/24/20 |
| Xylene (total) | ND | | ug/L | 5.0 | | 09/24/20 | 09/24/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 99% | | %REC | 70-140 | | 09/24/20 | 09/24/20 |
| 1,2-Dichloroethane-d4 | 109% | | %REC | 70-140 | | 09/24/20 | 09/24/20 |
| Toluene-d8 | 100% | | %REC | 70-140 | | 09/24/20 | 09/24/20 |
| Bromofluorobenzene | 108% | | %REC | 70-140 | | 09/24/20 | 09/24/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Lab Control Sample** | **Lab ID: QC886898** | **Batch: 253187** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC886898 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 52.86 | 50.00 | ug/L | 106% | | 70-135 |
| MTBE | 48.87 | 50.00 | ug/L | 98% | | 70-130 |
| Benzene | 41.54 | 50.00 | ug/L | 83% | | 70-130 |
| Trichloroethene | 45.17 | 50.00 | ug/L | 90% | | 70-130 |
| Toluene | 39.50 | 50.00 | ug/L | 79% | | 70-130 |
| Chlorobenzene | 43.68 | 50.00 | ug/L | 87% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 52.09 | 50.00 | ug/L | 104% | | 70-140 |
| 1,2-Dichloroethane-d4 | 55.96 | 50.00 | ug/L | 112% | | 70-140 |
| Toluene-d8 | 48.79 | 50.00 | ug/L | 98% | | 70-140 |
| Bromofluorobenzene | 50.71 | 50.00 | ug/L | 101% | | 70-140 |

| | | |
|---|---|---|
| **Type: Lab Control Sample Duplicate** | **Lab ID: QC886899** | **Batch: 253187** |
| **Matrix: Water** | **Method: EPA 8260B** | **Prep Method: EPA 5030B** |

| QC886899 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.87 | 50.00 | ug/L | 102% | | 70-135 | 4 | 30 |
| MTBE | 47.11 | 50.00 | ug/L | 94% | | 70-130 | 4 | 30 |
| Benzene | 40.41 | 50.00 | ug/L | 81% | | 70-130 | 3 | 30 |
| Trichloroethene | 43.56 | 50.00 | ug/L | 87% | | 70-130 | 4 | 30 |
| Toluene | 38.09 | 50.00 | ug/L | 76% | | 70-130 | 4 | 30 |
| Chlorobenzene | 42.73 | 50.00 | ug/L | 85% | | 70-130 | 2 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 51.47 | 50.00 | ug/L | 103% | | 70-140 | | |
| 1,2-Dichloroethane-d4 | 55.43 | 50.00 | ug/L | 111% | | 70-140 | | |
| Toluene-d8 | 49.35 | 50.00 | ug/L | 99% | | 70-140 | | |
| Bromofluorobenzene | 50.87 | 50.00 | ug/L | 102% | | 70-140 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type:** Blank | **Lab ID:** QC887221 | **Batch:** 253301 |
| **Matrix:** Soil | **Method:** EPA 8260B | **Prep Method:** EPA 5035 |

| QC887221 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 3-Chloropropene | ND | | ug/Kg | 5.0 | 0.28 | 09/26/20 | 09/26/20 |
| cis-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.53 | 09/26/20 | 09/26/20 |
| trans-1,4-Dichloro-2-butene | ND | | ug/Kg | 5.0 | 0.86 | 09/26/20 | 09/26/20 |
| Isopropyl Ether (DIPE) | ND | | ug/Kg | 5.0 | 0.27 | 09/26/20 | 09/26/20 |
| Ethyl tert-Butyl Ether (ETBE) | ND | | ug/Kg | 5.0 | 0.48 | 09/26/20 | 09/26/20 |
| Methyl tert-Amyl Ether (TAME) | ND | | ug/Kg | 5.0 | 0.67 | 09/26/20 | 09/26/20 |
| tert-Butyl Alcohol (TBA) | ND | | ug/Kg | 10 | 8.8 | 09/26/20 | 09/26/20 |
| Freon 12 | ND | | ug/Kg | 5.0 | 0.43 | 09/26/20 | 09/26/20 |
| Chloromethane | ND | | ug/Kg | 5.0 | 0.36 | 09/26/20 | 09/26/20 |
| Vinyl Chloride | ND | | ug/Kg | 5.0 | 0.43 | 09/26/20 | 09/26/20 |
| Bromomethane | ND | | ug/Kg | 5.0 | 0.30 | 09/26/20 | 09/26/20 |
| Chloroethane | ND | | ug/Kg | 5.0 | 0.32 | 09/26/20 | 09/26/20 |
| Trichlorofluoromethane | ND | | ug/Kg | 5.0 | 0.28 | 09/26/20 | 09/26/20 |
| Acetone | ND | | ug/Kg | 100 | 50 | 09/26/20 | 09/26/20 |
| Freon 113 | ND | | ug/Kg | 5.0 | 0.74 | 09/26/20 | 09/26/20 |
| 1,1-Dichloroethene | ND | | ug/Kg | 5.0 | 0.18 | 09/26/20 | 09/26/20 |
| Methylene Chloride | 2.1 | J | ug/Kg | 5.0 | 0.66 | 09/26/20 | 09/26/20 |
| MTBE | ND | | ug/Kg | 5.0 | 0.44 | 09/26/20 | 09/26/20 |
| trans-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.35 | 09/26/20 | 09/26/20 |
| 1,1-Dichloroethane | ND | | ug/Kg | 5.0 | 0.40 | 09/26/20 | 09/26/20 |
| 2-Butanone | ND | | ug/Kg | 100 | 3.2 | 09/26/20 | 09/26/20 |
| cis-1,2-Dichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/26/20 | 09/26/20 |
| 2,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.53 | 09/26/20 | 09/26/20 |
| Chloroform | ND | | ug/Kg | 5.0 | 0.35 | 09/26/20 | 09/26/20 |
| Bromochloromethane | ND | | ug/Kg | 5.0 | 0.35 | 09/26/20 | 09/26/20 |
| 1,1,1-Trichloroethane | ND | | ug/Kg | 5.0 | 0.45 | 09/26/20 | 09/26/20 |
| 1,1-Dichloropropene | ND | | ug/Kg | 5.0 | 0.42 | 09/26/20 | 09/26/20 |
| Carbon Tetrachloride | ND | | ug/Kg | 5.0 | 0.33 | 09/26/20 | 09/26/20 |
| 1,2-Dichloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/26/20 | 09/26/20 |
| Benzene | ND | | ug/Kg | 5.0 | 0.21 | 09/26/20 | 09/26/20 |
| Trichloroethene | ND | | ug/Kg | 5.0 | 0.53 | 09/26/20 | 09/26/20 |
| 1,2-Dichloropropane | ND | | ug/Kg | 5.0 | 0.56 | 09/26/20 | 09/26/20 |
| Bromodichloromethane | ND | | ug/Kg | 5.0 | 0.50 | 09/26/20 | 09/26/20 |
| Dibromomethane | ND | | ug/Kg | 5.0 | 0.55 | 09/26/20 | 09/26/20 |
| 4-Methyl-2-Pentanone | ND | | ug/Kg | 5.0 | 1.9 | 09/26/20 | 09/26/20 |
| cis-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.30 | 09/26/20 | 09/26/20 |
| Toluene | ND | | ug/Kg | 5.0 | 0.45 | 09/26/20 | 09/26/20 |
| trans-1,3-Dichloropropene | ND | | ug/Kg | 5.0 | 0.40 | 09/26/20 | 09/26/20 |
| 1,1,2-Trichloroethane | ND | | ug/Kg | 5.0 | 0.57 | 09/26/20 | 09/26/20 |
| 1,3-Dichloropropane | ND | | ug/Kg | 5.0 | 0.46 | 09/26/20 | 09/26/20 |
| Tetrachloroethene | ND | | ug/Kg | 5.0 | 0.58 | 09/26/20 | 09/26/20 |
| Dibromochloromethane | ND | | ug/Kg | 5.0 | 0.38 | 09/26/20 | 09/26/20 |

ENTHALPY ANALYTICAL

## Batch QC

| QC887221 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ug/Kg | 5.0 | 0.51 | 09/26/20 | 09/26/20 |
| Chlorobenzene | ND | | ug/Kg | 5.0 | 0.26 | 09/26/20 | 09/26/20 |
| 1,1,1,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.48 | 09/26/20 | 09/26/20 |
| Ethylbenzene | ND | | ug/Kg | 5.0 | 0.44 | 09/26/20 | 09/26/20 |
| m,p-Xylenes | ND | | ug/Kg | 10 | 0.83 | 09/26/20 | 09/26/20 |
| o-Xylene | ND | | ug/Kg | 5.0 | 0.31 | 09/26/20 | 09/26/20 |
| Styrene | ND | | ug/Kg | 5.0 | 0.46 | 09/26/20 | 09/26/20 |
| Bromoform | ND | | ug/Kg | 5.0 | 0.50 | 09/26/20 | 09/26/20 |
| Isopropylbenzene | ND | | ug/Kg | 5.0 | 0.36 | 09/26/20 | 09/26/20 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/Kg | 5.0 | 0.38 | 09/26/20 | 09/26/20 |
| 1,2,3-Trichloropropane | ND | | ug/Kg | 5.0 | 0.73 | 09/26/20 | 09/26/20 |
| Propylbenzene | ND | | ug/Kg | 5.0 | 0.38 | 09/26/20 | 09/26/20 |
| Bromobenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/26/20 | 09/26/20 |
| 1,3,5-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.40 | 09/26/20 | 09/26/20 |
| 2-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.46 | 09/26/20 | 09/26/20 |
| 4-Chlorotoluene | ND | | ug/Kg | 5.0 | 0.51 | 09/26/20 | 09/26/20 |
| tert-Butylbenzene | ND | | ug/Kg | 5.0 | 0.34 | 09/26/20 | 09/26/20 |
| 1,2,4-Trimethylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/26/20 | 09/26/20 |
| sec-Butylbenzene | ND | | ug/Kg | 5.0 | 0.45 | 09/26/20 | 09/26/20 |
| para-Isopropyl Toluene | ND | | ug/Kg | 5.0 | 0.54 | 09/26/20 | 09/26/20 |
| 1,3-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.47 | 09/26/20 | 09/26/20 |
| 1,4-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.46 | 09/26/20 | 09/26/20 |
| n-Butylbenzene | ND | | ug/Kg | 5.0 | 0.66 | 09/26/20 | 09/26/20 |
| 1,2-Dichlorobenzene | ND | | ug/Kg | 5.0 | 0.53 | 09/26/20 | 09/26/20 |
| 1,2-Dibromo-3-Chloropropane | ND | | ug/Kg | 5.0 | 0.64 | 09/26/20 | 09/26/20 |
| 1,2,4-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.89 | 09/26/20 | 09/26/20 |
| Hexachlorobutadiene | ND | | ug/Kg | 5.0 | 0.60 | 09/26/20 | 09/26/20 |
| Naphthalene | ND | | ug/Kg | 5.0 | 0.86 | 09/26/20 | 09/26/20 |
| 1,2,3-Trichlorobenzene | ND | | ug/Kg | 5.0 | 0.54 | 09/26/20 | 09/26/20 |
| Xylene (total) | ND | | ug/Kg | 5.0 | | 09/26/20 | 09/26/20 |
| **Surrogates** | | | | **Limits** | | | |
| Dibromofluoromethane | 102% | | %REC | 70-130 | 1.3 | 09/26/20 | 09/26/20 |
| 1,2-Dichloroethane-d4 | 98% | | %REC | 70-145 | | 09/26/20 | 09/26/20 |
| Toluene-d8 | 100% | | %REC | 70-145 | | 09/26/20 | 09/26/20 |
| Bromofluorobenzene | 96% | | %REC | 70-145 | 1.5 | 09/26/20 | 09/26/20 |

ENTHALPY ANALYTICAL

# Batch QC

| | | |
|---|---|---|
| **Type: Lab Control Sample** | **Lab ID: QC887222** | **Batch: 253301** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5035** |

| QC887222 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 46.95 | 50.00 | ug/Kg | 94% | | 70-131 |
| MTBE | 45.95 | 50.00 | ug/Kg | 92% | | 69-130 |
| Benzene | 47.54 | 50.00 | ug/Kg | 95% | | 70-130 |
| Trichloroethene | 49.19 | 50.00 | ug/Kg | 98% | | 70-130 |
| Toluene | 47.98 | 50.00 | ug/Kg | 96% | | 70-130 |
| Chlorobenzene | 47.93 | 50.00 | ug/Kg | 96% | | 70-130 |
| **Surrogates** | | | | | | |
| Dibromofluoromethane | 50.35 | 50.00 | ug/Kg | 101% | | 70-130 |
| 1,2-Dichloroethane-d4 | 48.39 | 50.00 | ug/Kg | 97% | | 70-145 |
| Toluene-d8 | 50.62 | 50.00 | ug/Kg | 101% | | 70-145 |
| Bromofluorobenzene | 51.92 | 50.00 | ug/Kg | 104% | | 70-145 |

| | | |
|---|---|---|
| **Type: Lab Control Sample Duplicate** | **Lab ID: QC887223** | **Batch: 253301** |
| **Matrix: Soil** | **Method: EPA 8260B** | **Prep Method: EPA 5035** |

| QC887223 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 45.57 | 50.00 | ug/Kg | 91% | | 70-131 | 3 | 33 |
| MTBE | 44.49 | 50.00 | ug/Kg | 89% | | 69-130 | 3 | 30 |
| Benzene | 45.87 | 50.00 | ug/Kg | 92% | | 70-130 | 4 | 30 |
| Trichloroethene | 45.82 | 50.00 | ug/Kg | 92% | | 70-130 | 7 | 30 |
| Toluene | 45.12 | 50.00 | ug/Kg | 90% | | 70-130 | 6 | 30 |
| Chlorobenzene | 46.00 | 50.00 | ug/Kg | 92% | | 70-130 | 4 | 30 |
| **Surrogates** | | | | | | | | |
| Dibromofluoromethane | 50.03 | 50.00 | ug/Kg | 100% | | 70-130 | | |
| 1,2-Dichloroethane-d4 | 47.94 | 50.00 | ug/Kg | 96% | | 70-145 | | |
| Toluene-d8 | 50.34 | 50.00 | ug/Kg | 101% | | 70-145 | | |
| Bromofluorobenzene | 51.25 | 50.00 | ug/Kg | 103% | | 70-145 | | |

J Estimated value
ND Not Detected

# APPENDIX D
# SOIL VAPOR ANALYTICAL REPORTS

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

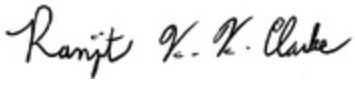
Lab Job Number: 432616
Report Level: II
Report Date: 09/04/2020

**Analytical Report** *prepared for:*

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Project: SOUTH EL MONTE - 2212 Rosemead Blvd. El Monte, CA

*Authorized for release by:*



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

# Sample Summary

| | | |
|---|---|---|
| Vanessa Layne | Lab Job #: | 432616 |
| EEC | Project No: | SOUTH EL MONTE |
| 1 City Boulevard West | Location: | 2212 Rosemead Blvd. El Monte, CA |
| Suite 1800 | Date Received: | 08/24/20 |
| Orange, CA 92868 | | |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| SB-2-5'SV | 432616-001 | 08/22/20 13:40 | Air |
| SB-2-15'SV | 432616-002 | 08/22/20 13:41 | Air |
| SB-5-5'SV | 432616-003 | 08/21/20 12:47 | Air |
| SB-5-15'SV | 432616-004 | 08/21/20 12:47 | Air |
| SB-8-5'SV | 432616-005 | 08/22/20 13:10 | Air |
| SB-8-15'SV | 432616-006 | 08/22/20 13:08 | Air |
| SB-9-5'SV | 432616-007 | 08/21/20 15:31 | Air |
| SB-9-15'SV | 432616-008 | 08/21/20 15:30 | Air |
| SB-10-5'SV | 432616-009 | 08/22/20 10:14 | Air |
| SB-10-15'SV | 432616-010 | 08/22/20 10:12 | Air |
| SB-13-5'SV | 432616-011 | 08/22/20 09:52 | Air |
| SB-13-15'SV | 432616-012 | 08/22/20 09:58 | Air |
| SB-14-5'SV | 432616-013 | 08/22/20 10:30 | Air |
| SB-14-15'SV | 432616-014 | 08/22/20 10:31 | Air |
| SB-22-5'SV | 432616-015 | 08/22/20 12:08 | Air |
| SB-22-15'SV | 432616-016 | 08/22/20 11:59 | Air |
| SB-16-5'SV | 432616-017 | 08/22/20 10:53 | Air |
| SB-16-15'SV | 432616-018 | 08/22/20 10:54 | Air |
| SB-17-5'SV | 432616-019 | 08/22/20 11:26 | Air |
| SB-17-15'SV | 432616-020 | 08/22/20 11:25 | Air |
| SB-18-5'SV | 432616-021 | 08/22/20 11:09 | Air |
| SB-18-15'SV | 432616-022 | 08/22/20 11:08 | Air |
| SB-20-5'SV | 432616-023 | 08/21/20 12:03 | Air |
| SB-20-15'SV | 432616-024 | 08/21/20 11:58 | Air |
| SB-15-5'SV | 432616-025 | 08/22/20 12:06 | Air |
| SB-15-15'SV | 432616-026 | 08/22/20 12:06 | Air |
| SB-23-5'SV | 432616-027 | 08/22/20 12:32 | Air |
| SB-23-15'SV | 432616-028 | 08/22/20 12:32 | Air |

ENTHALPY ANALYTICAL

# Sample Summary

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Lab Job #: 432616
Project No: SOUTH EL MONTE
Location: 2212 Rosemead Blvd. El Monte, CA
Date Received: 08/24/20

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| SB-24-5'SV | 432616-029 | 08/21/20 13:27 | Air |
| SB-24-15'SV | 432616-030 | 08/21/20 13:30 | Air |
| SB-25-5'SV | 432616-031 | 08/21/20 15:50 | Air |
| SB-25-15'SV | 432616-032 | 08/21/20 15:51 | Air |
| SB-27-5'SV | 432616-033 | 08/21/20 14:32 | Air |
| SB-27-15'SV | 432616-034 | 08/21/20 14:30 | Air |
| SB-28-5'SV | 432616-035 | 08/22/20 13:35 | Air |
| SB-28-15'SV | 432616-036 | 08/22/20 13:31 | Air |
| SB-29-5'SV | 432616-037 | 08/21/20 13:29 | Air |
| SB-29-15'SV | 432616-038 | 08/21/20 13:29 | Air |
| SB-30-5'SV | 432616-039 | 08/22/20 13:51 | Air |
| SB-30-15'SV | 432616-040 | 08/22/20 13:49 | Air |
| SB-33-5'SV | 432616-041 | 08/22/20 12:36 | Air |
| SB-33-15'SV | 432616-042 | 08/22/20 12:35 | Air |
| SB-21-5'SV | 432616-043 | 08/22/20 12:55 | Air |
| SB-21-15'SV | 432616-044 | 08/22/20 12:56 | Air |

ENTHALPY ANALYTICAL

# Air Chain of Custody Record

Lab No: 432616

Page: 1 of 5

| Turn Around Time (rush by advanced notice only) | | | | | |
|---|---|---|---|---|---|
| Standard: | | 5 Day: | | 3 Day: | |
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Special Instructions: Report MDLs and flags

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S3537.01.02 |
| Address: | 1 City Blvd W, Ste 1800, Orange, CA | Address: | 2212 Rosemead Blvd |
| Phone: | | Global ID: | |
| Fax: | | Sampled By: | ALLISON BURNAP ALLEY WILLIAMS MZ |

| | Sample ID | Type | Equipment Information | | | Sampling Information | | | | | | Analysis Requested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source | Canister ID | Size (1L, 3L, 6L, 15L) | Flow Controller ID | Sample Start Date | Sample Start Time | Vacuum Start ("Hg) | Sample End Date | Sample End Time | Vacuum End ("Hg) | TO-15 |
| 1 | SB-2-5'SV | SV | 9839 | 1L | — | 8/22/20 | 1334 | -28 | 8/22/20 | 1340 | -5 | X |
| 2 | SB-2-15'SV | SV | 10104 | 1L | — | 8/22/20 | 1335 | -28 | 8/22/20 | 1341 | -5 | X |
| 3 | SB-5-5'SV | SV | 935 | 1L | — | 8/21/20 | 1241 | -29 | 8/21/20 | 1247 | -5 | X |
| 4 | SB-5-15'SV | | 00245 | 1L | — | 8/21/20 | 1240 | -29 | 8/21/20 | 1247 | -5 | X |
| 5 | SB-8-5'SV | SV | 00882 | 1L | — | 8/22/20 | 1301 | -30 | 8/22/20 | 1310 | -5 | X |
| 6 | SB-8-15'SV | SV | 00424 | 1L | — | 8/22/20 | 1300 | -30 | 8/22/20 | 1308 | -5 | X |
| 7 | SB-9-5'SV | SV | 00518 | 1L | — | 8/21/20 | 1502 | -30 | 8/21/20 | 1531 | -5 | X |
| 8 | SB-9-15'SV | SV | 00164 | 1L | — | 8/21/20 | 1520 | -30 | 8/21/20 | 1530 | -5 | X |
| 9 | SB-10-5'SV | SV | 00343 | 1L | — | 8/22/20 | 1004 | -30 | 8/22/20 | 1014 | -5 | X |
| 10 | SB-10-15'SV | SV | 00188 | 1L | — | 8/22/20 | 1002 | -30 | 8/22/20 | 1012 | -5 | X |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | ALLISON BURNAP | EEC/STAFF GEOLOGIST | 8/24/20 830 |
| [1] Received By: | | FROM | EA | 8/24/20 830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# Air Chain of Custody Record

Lab No: 432 C1C

Page: 2 of 5

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


Special Instructions: Report MDLs and flags

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S3537.01.02 |
| Address: | 1 City Blvd W, Ste 1800, Orange, CA | Address: | 2212 Rosemead Blvd |
| Phone: | | Global ID: | |
| Fax: | | Sampled By: | ALLISON BURNAP MZ |

| | Sample ID | Type | Equipment Information | | | Sampling Information | | | | | | Analysis Requested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source | Canister ID | Size (1L, 3L, 6L, 15L) | Flow Controller ID | Sample Start Date | Sample Start Time | Vacuum Start ("Hg) | Sample End Date | Sample End Time | Vacuum End ("Hg) | TO-15 |
| 1 | SB-13-5'SV | SV | 00114 | 1L | – | 8/22/20 | 0945 | -30 | 8/22/20 | 0952 | -5 | X |
| 2 | SB-13-15'SV | SV | 00191 | 1L | – | 8/22/20 | 0947 | -30 | 8/22/20 | 0958 | -5 | X |
| 3 | SB-14-5'SV | SV | 00339 | 1L | – | 8/22/20 | 1022 | -30 | 8/22/20 | 1030 | -5 | X |
| 4 | ~~SB-14-15'SV~~ | SV | 00394 | 1L | – | 8/22/20 | 1024 | -30 | 8/22/20 | 1031 | -5 | X |
| 5 | ~~SB-15-5'SV~~ SB-22-5SV | SV | 10155 | 1L | A00485 | 8-22-20 | 1155 | -30 | 8-22-20 | 1206 | -5 | X |
| 6 | ~~SB-15-15'SV~~ SB-22-15SV | SV | 10113 | 1L | – | 8-22-20 | 1150 | -30 | 8-22-20 | 1159 | -4 | X |
| 7 | SB-16-5'SV | SV | 10108 | 1L | – | 8/22/20 | 1044 | -30 | 8/22/20 | 1053 | -5 | X |
| 8 | SB-16-15'SV | SV | 10167 | 1L | – | 8/22/20 | 1045 | -30 | 8/22/20 | 1054 | -5 | X |
| 9 | SB-17-5'SV | SV | 10165 | 1L | – | 8/22/20 | 1119 | -30 | 8/22/20 | 1126 | -5 | X |
| 10 | SB-17-15'SV | SV | 10102 | 1L | – | 8/22/20 | 1118 | -30 | 8/22/20 | 1125 | -5 | X |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| 1 Relinquished By: | | Allison Burnap | EEC/Staff Geologist | 8/24/20 830 |
| 1 Received By: | | Brown | OA | 8/24/20 830 |
| 2 Relinquished By: | | | | |
| 2 Received By: | | | | |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPY ANALYTICAL

# Air Chain of Custody Record

Lab No: 432616

Page: 3 of 5

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S3537.01.02 |
| Address: | 1 City Blvd W, Ste 1800, Orange, CA | Address: | 2212 Rosemead Blvd |
| Phone: | | Global ID: | |
| Fax: | | Sampled By: | ALLISON BURNAP AW |

Special Instructions: Report MDLs and flags

| | Sample ID | Type | Equipment Information | | | Sampling Information | | | | | | Analysis Requested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source | Canister ID | Size (1L, 3L, 6L, 15L) | Flow Controller ID | Sample Start Date | Sample Start Time | Vacuum Start ("Hg) | Sample End Date | Sample End Time | Vacuum End ("Hg) | TO-15 |
| 1 | SB-18-5'SV | SV | 10138 | 1L | — | 8/21/20 | 1059 | -30 | 8/21/20 | 1109 | -5 | X |
| 2 | SB-18-15'SV | SV | 10136 | 1L | — | 8/21/20 | 1100 | -30 | 8/21/20 | 1108 | -5 | X |
| 3 | SB-20-5'SV | SV | 00182 | 1L | — | 8/21/20 | 1050 | -30 | 8/21/20 | 1103 | -5 | X |
| 4 | SB-20-15'SV | SV | 00430 | 1L | — | 8/21/20 | 1049 | -30 | 8/21/20 | 1058 | -5 | X |
| 5 | ~~SB-22-5'SV~~ SB-15-5SV | SV | 00273 | 1L | — | 8-22-20 | 1200 | -30 | 8-22-20 | 1206 | -5 | X |
| 6 | ~~SB-22-15'SV~~ SB-15-15SV | SV | 00285 | 1L | — | 8-22-20 | 1201 | -30 | 8-22-20 | 1206 | -5 | X |
| 7 | SB-23-5'SV | SV | 00158 | 1L | — | 8-22-20 | 1226 | -29 | 8-22-20 | 1232 | -5 | X |
| 8 | SB-23-15'SV | SV | 00316 | 1L | — | 8-22-20 | 1225 | -29 | 8-22-20 | 1232 | -5 | X |
| 9 | SB-24-5'SV | SV | 00204 | 1L | — | 8/21/20 | 1320 | -30 | 8/21/20 | 1327 | -5 | X |
| 10 | SB-24-15'SV | SV | 908 | 1L | — | 8/21/20 | 1322 | -30 | 8/21/20 | 1330 | -5 | X |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | ALLISON BURNAP | EEC STAFF GEOLOGIST | 8/21/20 830 |
| [1] Received By: | | Fedex | on | 8/24/20 830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# Air Chain of Custody Record

Lab No: 432C1C

Page: 4 of 5

## Turn Around Time (rush by advanced notice only)

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |


**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900


Special Instructions: Report MDLs and flags

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S3537.01.02 |
| Address: | 1 City Blvd W, Ste 1800, Orange, CA | Address: | 2212 Rosemead Blvd |
| Phone: | | Global ID: | |
| Fax: | | Sampled By: | |

| | Sample ID | Type | Equipment Information | | | Sampling Information | | | | | | Analysis Requested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source | Canister ID | Size (1L, 3L, 6L, 15L) | Flow Controller ID | Sample Start Date | Sample Start Time | Vacuum Start ("Hg) | Sample End Date | Sample End Time | Vacuum End ("Hg) | TO-15 |
| 1 | SB-25-5'SV | SV | 00129 | 1L | — | 8/21/20 | 1540 | -30 | 8/21/20 | 1550 | -5 | X |
| 2 | SB-25-15'SV | SV | 00110 | 1L | — | 8/21/20 | 1542 | -30 | 8/21/20 | 1551 | -5 | X |
| 3 | SB-26-5'SV | SV | | | | | | | | | | X |
| 4 | SB-26-15'SV | SV | | | | | | | | | | X |
| 5 | SB-27-5'SV | SV | 00151 | 1L | ~~8/21/20~~ | 8/21/20 | 1422 | -30 | 8/21/20 | 1432 | -5 | X |
| 6 | SB-27-15'SV | SV | 00519 | 1L | ~~00519~~ | 8/21/20 | 1420 | -30 | 8/21/20 | 1430 | -5 | X |
| 7 | SB-28-5'SV | SV | 00398 | 1L | — | 8/22/20 | 1324 | -28 | 8/22/20 | 1335 | -12 | X |
| 8 | SB-28-15'SV | SV | 00111 | 1L | — | 8/22/20 | 1324 | -28 | 8/22/20 | 1331 | -5 | X |
| 9 | SB-29-5'SV | SV | 00455 | 1L | — | 8-22-20 | 1321 | -29 | 8-22-20 | 1329 | -5 | X |
| 10 | SB-29-15'SV | SV | 00411 | 1L | — | 8-22-20 | 1321 | -29 | 8-22-20 | 1329 | -5 | X |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Allison Burnap | EEC/Staff Geologist | 8/24/20 830 |
| [1] Received By: | | Fedex | FD | 8/4/20 830 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# Air Chain of Custody Record

Lab No: 432C16

Page: 5 of 5

**Turn Around Time (rush by advanced notice only)**

| Standard: | | 5 Day: | | 3 Day: | |
|---|---|---|---|---|---|
| 2 Day: | | 1 Day: | | Custom TAT | |

**Enthalpy Analytical - Orange**

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Special Instructions: Report MDLs and flags

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC Environmental | Name: | South El Monte |
| Report To: | Vanessa Layne | Number: | |
| Email: | vlayne@eecenvironmental.com | P.O. #: | S3537.01.02 |
| Address: | 1 City Blvd W, Ste 1800, Orange, CA | Address: | 2212 Rosemead Blvd |
| Phone: | | Global ID: | |
| Fax: | | Sampled By: | Allison Burnap AW |

| | Sample ID | Type | Equipment Information | | | Sampling Information | | | | | | Analysis Requested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source | Canister ID | Size (1L, 3L, 6L, 15L) | Flow Controller ID | Sample Start Date | Sample Start Time | Vacuum Start ("Hg) | Sample End Date | Sample End Time | Vacuum End ("Hg) | TO-15 |
| 1 | SB-30-5'SV | SV | 00517 | 1L | — | 8-22-20 | 1343 | -30 | 8-22-20 | 1351 | -12 | X |
| 2 | SB-30-15'SV | SV | 00164 | 1L | — | 8-22-20 | 1343 | -30 | 8-22-20 | 1349 | -5 | X |
| 3 | SB-33-5'SV | SV | 00324 | 1L | — | 8/22/20 | 1230 | -30 | 8-22-20 | 1236 | -5 | X |
| 4 | SB-33-15'SV | SV | 00152 | 1L | — | 8/22/20 | 1229 | -30 | 8-22-20 | 1235 | -5 | X |
| 5 | SB-21-5'SV | SV | 00396 | 1L | — | 8-22-20 | 1249 | -26 | 8-22-20 | 1255 | -5 | X |
| 6 | SB-21-15'SV | SV | 00151 | 1L | — | 8-22-20 | 1249 | -27 | 8-22-20 | 1256 | -5 | X |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | 8/24/20 | | | | | | |
| 10 | | | | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | ALLISON BURNAP | EEC / STAFF GEOLOGIST | 8/24/20 830 |
| [1] Received By: | | Fedex | | 8/24/20 P3 |
| [2] Relinquished By: | | | | |
| [2] Received By: | | | | |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# SAMPLE ACCEPTANCE CHECKLIST

**Section 1**

Client: EEC ENV. Project: _____

Date Received: 8/24/2 Sampler's Name Present: ☒ Yes ☐ No

**Section 2**

Sample(s) received in a cooler? ☐ Yes, How many? _____ ☒ No (skip section 2) Sample Temp (°C) (No Cooler): ambient

Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

*(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)*

Shipping Information: _____

**Section 3**

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

| Section 4 | YES | NO | N/A |
|---|---|---|---|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | | | ✓ |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | | | ✓ |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | | | ✓ |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

**Section 5** Explanations/Comments

**Section 6**

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 8/24/2

ENTHALPY ANALYTICAL

# Analysis Results for 432616

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Lab Job #: 432616
Project No: SOUTH EL MONTE
Location: 2212 Rosemead Blvd. El Monte, CA
Date Received: 08/24/20

**Sample ID: SB-2-5'SV** **Lab ID: 432616-001** **Collected: 08/22/20 13:40**
**Matrix: Air**

| 432616-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.0022 | 0.0022 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 2.2 | 2.2 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Propylene | ND | | ug/L | 0.0010 | 0.00021 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Propylene | ND | | ug/m3 | 1.0 | 0.21 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Freon 12 | **0.0016** | J | ug/L | 0.0030 | 0.00059 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Freon 12 | **1.6** | J | ug/m3 | 3.0 | 0.59 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Freon 114 | ND | | ug/L | 0.0042 | 0.00084 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Freon 114 | ND | | ug/m3 | 4.2 | 0.84 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Chloromethane | **0.00064** | J | ug/L | 0.0012 | 0.00025 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Chloromethane | **0.64** | J | ug/m3 | 1.2 | 0.25 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.0015 | 0.00031 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 1.5 | 0.31 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.0013 | 0.00027 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 1.3 | 0.27 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Bromomethane | ND | | ug/L | 0.0023 | 0.00047 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Bromomethane | ND | | ug/m3 | 2.3 | 0.47 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Chloroethane | ND | | ug/L | 0.0016 | 0.00032 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Chloroethane | ND | | ug/m3 | 1.6 | 0.32 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.0034 | 0.00067 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 3.4 | 0.67 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.0024 | 0.00048 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 2.4 | 0.48 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Freon 113 | **0.015** | | ug/L | 0.0046 | 0.00092 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Freon 113 | **15** | | ug/m3 | 4.6 | 0.92 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Acetone | **0.062** | | ug/L | 0.014 | 0.0036 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Acetone | **62** | | ug/m3 | 14 | 3.6 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.0019 | 0.00037 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 1.9 | 0.37 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.0074 | 0.0037 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 7.4 | 3.7 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Methylene Chloride | **0.0053** | | ug/L | 0.0052 | 0.00042 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Methylene Chloride | **5.3** | | ug/m3 | 5.2 | 0.42 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.0024 | 0.00048 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 2.4 | 0.48 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| MTBE | ND | | ug/L | 0.0022 | 0.00043 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| MTBE | ND | | ug/m3 | 2.2 | 0.43 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| n-Hexane | **0.0054** | | ug/L | 0.0021 | 0.00042 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| n-Hexane | **5.4** | | ug/m3 | 2.1 | 0.42 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1-Dichloroethane | ND | | ug/L | 0.0024 | 0.00049 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1-Dichloroethane | ND | | ug/m3 | 2.4 | 0.49 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Vinyl Acetate | ND | | ug/L | 0.011 | 0.0053 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 11 | 5.3 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/L | 0.0024 | 0.00048 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 2.4 | 0.48 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 2-Butanone | **0.016** | | ug/L | 0.0088 | 0.0044 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 2-Butanone | **16** | | ug/m3 | 8.8 | 4.4 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.0054 | 0.0054 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 5.4 | 5.4 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Chloroform | ND | | ug/L | 0.0029 | 0.00059 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Chloroform | ND | | ug/m3 | 2.9 | 0.59 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.0033 | 0.00065 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 3.3 | 0.65 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Cyclohexane | **0.011** | | ug/L | 0.0021 | 0.00041 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Cyclohexane | **11** | | ug/m3 | 2.1 | 0.41 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.0038 | 0.00075 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 3.8 | 0.75 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Benzene | **0.0047** | | ug/L | 0.0019 | 0.00082 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Benzene | **4.7** | | ug/m3 | 1.9 | 0.82 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.0024 | 0.0021 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 2.4 | 2.1 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| n-Heptane | ND | | ug/L | 0.0025 | 0.00049 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| n-Heptane | ND | | ug/m3 | 2.5 | 0.49 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Trichloroethene | **0.050** | | ug/L | 0.0032 | 0.00064 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Trichloroethene | **50** | | ug/m3 | 3.2 | 0.64 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.0028 | 0.00055 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 2.8 | 0.55 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.0040 | 0.00080 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 4.0 | 0.80 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.0027 | 0.00054 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 2.7 | 0.54 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 4-Methyl-2-Pentanone | **0.0050** | | ug/L | 0.0025 | 0.00049 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 4-Methyl-2-Pentanone | **5.0** | | ug/m3 | 2.5 | 0.49 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Toluene | **0.035** | | ug/L | 0.0023 | 0.00045 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Toluene | **35** | | ug/m3 | 2.3 | 0.45 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.0027 | 0.00054 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 2.7 | 0.54 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.0033 | 0.00065 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 3.3 | 0.65 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Tetrachloroethene | **0.068** | | ug/L | 0.0041 | 0.00081 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Tetrachloroethene | **68** | | ug/m3 | 4.1 | 0.81 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | ND | | ug/L | 0.0025 | 0.0025 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 2-Hexanone | ND | | ug/m3 | 2.5 | 2.5 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Dibromochloromethane | **0.0020** | J | ug/L | 0.0051 | 0.0010 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Dibromochloromethane | **2.0** | J | ug/m3 | 5.1 | 1.0 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.0046 | 0.00092 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 4.6 | 0.92 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Chlorobenzene | ND | | ug/L | 0.0028 | 0.00055 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Chlorobenzene | ND | | ug/m3 | 2.8 | 0.55 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Ethylbenzene | **0.0022** | J | ug/L | 0.0026 | 0.00052 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Ethylbenzene | **2.2** | J | ug/m3 | 2.6 | 0.52 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| m,p-Xylenes | **0.0072** | | ug/L | 0.0052 | 0.000076 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| m,p-Xylenes | **7.2** | | ug/m3 | 5.2 | 0.076 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| o-Xylene | **0.0028** | | ug/L | 0.0026 | 0.00052 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| o-Xylene | **2.8** | | ug/m3 | 2.6 | 0.52 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Styrene | **0.00087** | J | ug/L | 0.0026 | 0.00051 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Styrene | **0.87** | J | ug/m3 | 2.6 | 0.51 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Bromoform | **0.0033** | J | ug/L | 0.0062 | 0.0012 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Bromoform | **3.3** | J | ug/m3 | 6.2 | 1.2 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.0041 | 0.00082 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 4.1 | 0.82 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 4-Ethyltoluene | **0.00084** | J | ug/L | 0.0029 | 0.00059 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 4-Ethyltoluene | **0.84** | J | ug/m3 | 2.9 | 0.59 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,3,5-Trimethylbenzene | **0.00091** | J | ug/L | 0.0029 | 0.00059 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,3,5-Trimethylbenzene | **0.91** | J | ug/m3 | 2.9 | 0.59 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2,4-Trimethylbenzene | **0.0023** | J | ug/L | 0.0074 | 0.00059 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2,4-Trimethylbenzene | **2.3** | J | ug/m3 | 7.4 | 0.59 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Benzyl chloride | ND | | ug/L | 0.0078 | 0.00062 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Benzyl chloride | ND | | ug/m3 | 7.8 | 0.62 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.022 | 0.00089 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 22 | 0.89 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.0064 | 0.0013 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 6.4 | 1.3 | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Xylene (total) | **0.010** | | ug/L | 0.0026 | | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| Xylene (total) | **10** | | ug/m3 | 2.6 | | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 93% | | %REC | 60-140 | | 3 | 251998 | 09/02/20 13:08 | 09/02/20 13:08 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-2-15'SV | Lab ID: 432616-002 | Collected: 08/22/20 13:41 |
|---|---|---|
| | Matrix: Air | |

| 432616-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.052 | 0.052 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 52 | 52 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Propylene | ND | | ug/L | 0.025 | 0.0050 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Propylene | ND | | ug/m3 | 25 | 5.0 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Freon 12 | ND | | ug/L | 0.071 | 0.014 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Freon 12 | ND | | ug/m3 | 71 | 14 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Freon 114 | ND | | ug/L | 0.10 | 0.020 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Freon 114 | ND | | ug/m3 | 100 | 20 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Chloromethane | ND | | ug/L | 0.030 | 0.0059 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Chloromethane | ND | | ug/m3 | 30 | 5.9 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.037 | 0.0074 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 37 | 7.4 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.032 | 0.0064 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 32 | 6.4 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Bromomethane | ND | | ug/L | 0.056 | 0.011 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Bromomethane | ND | | ug/m3 | 56 | 11 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Chloroethane | ND | | ug/L | 0.038 | 0.0076 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Chloroethane | ND | | ug/m3 | 38 | 7.6 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.081 | 0.016 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 81 | 16 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.057 | 0.011 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 57 | 11 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Freon 113 | ND | | ug/L | 0.11 | 0.022 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Freon 113 | ND | | ug/m3 | 110 | 22 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Acetone | **0.72** | | ug/L | 0.34 | 0.086 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Acetone | **720** | | ug/m3 | 340 | 86 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.045 | 0.0090 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 45 | 9.0 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Isopropanol (IPA) | **0.19** | | ug/L | 0.18 | 0.088 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Isopropanol (IPA) | **190** | | ug/m3 | 180 | 88 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Methylene Chloride | **1.2** | | ug/L | 0.13 | 0.010 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Methylene Chloride | **1,200** | | ug/m3 | 130 | 10 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.057 | 0.011 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 57 | 11 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| MTBE | ND | | ug/L | 0.052 | 0.010 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| MTBE | ND | | ug/m3 | 52 | 10 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| n-Hexane | **0.31** | | ug/L | 0.051 | 0.010 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| n-Hexane | **310** | | ug/m3 | 51 | 10 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1-Dichloroethane | ND | | ug/L | 0.058 | 0.012 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1-Dichloroethane | ND | | ug/m3 | 58 | 12 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.25 | 0.13 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 250 | 130 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/L | 0.057 | 0.011 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 57 | 11 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 2-Butanone | ND | | ug/L | 0.21 | 0.11 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 2-Butanone | ND | | ug/m3 | 210 | 110 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.13 | 0.13 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 130 | 130 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Chloroform | ND | | ug/L | 0.070 | 0.014 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Chloroform | ND | | ug/m3 | 70 | 14 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.079 | 0.016 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 79 | 16 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Cyclohexane | ND | | ug/L | 0.050 | 0.0099 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Cyclohexane | ND | | ug/m3 | 50 | 9.9 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.091 | 0.018 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 91 | 18 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Benzene | **0.022** | J | ug/L | 0.046 | 0.020 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Benzene | **22** | J | ug/m3 | 46 | 20 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.058 | 0.050 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 58 | 50 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| n-Heptane | ND | | ug/L | 0.059 | 0.012 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| n-Heptane | ND | | ug/m3 | 59 | 12 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Trichloroethene | **0.049** | J | ug/L | 0.077 | 0.015 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Trichloroethene | **49** | J | ug/m3 | 77 | 15 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.067 | 0.013 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 67 | 13 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.096 | 0.019 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 96 | 19 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.065 | 0.013 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 65 | 13 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.059 | 0.012 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 59 | 12 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Toluene | **0.19** | | ug/L | 0.054 | 0.011 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Toluene | **190** | | ug/m3 | 54 | 11 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.065 | 0.013 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 65 | 13 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.079 | 0.016 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 79 | 16 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Tetrachloroethene | **0.029** | J | ug/L | 0.098 | 0.020 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Tetrachloroethene | **29** | J | ug/m3 | 98 | 20 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 2-Hexanone | ND | | ug/L | 0.059 | 0.059 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 2-Hexanone | ND | | ug/m3 | 59 | 59 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.12 | 0.025 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 120 | 25 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.11 | 0.022 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 110 | 22 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.066 | 0.013 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Chlorobenzene | ND | | ug/m3 | 66 | 13 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Ethylbenzene | ND | | ug/L | 0.063 | 0.013 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Ethylbenzene | ND | | ug/m3 | 63 | 13 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| m,p-Xylenes | **0.032** | J | ug/L | 0.13 | 0.0018 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| m,p-Xylenes | **32** | J | ug/m3 | 130 | 1.8 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| o-Xylene | ND | | ug/L | 0.063 | 0.013 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| o-Xylene | ND | | ug/m3 | 63 | 13 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Styrene | ND | | ug/L | 0.061 | 0.012 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Styrene | ND | | ug/m3 | 61 | 12 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Bromoform | ND | | ug/L | 0.15 | 0.030 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Bromoform | ND | | ug/m3 | 150 | 30 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.099 | 0.020 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 99 | 20 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.071 | 0.014 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 71 | 14 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.071 | 0.014 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 71 | 14 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.18 | 0.014 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 180 | 14 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.087 | 0.017 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 87 | 17 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.087 | 0.017 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 87 | 17 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Benzyl chloride | ND | | ug/L | 0.19 | 0.015 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Benzyl chloride | ND | | ug/m3 | 190 | 15 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.087 | 0.017 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 87 | 17 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.53 | 0.021 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 530 | 21 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.15 | 0.031 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 150 | 31 | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Xylene (total) | **0.032** | J | ug/L | 0.063 | | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| Xylene (total) | **32** | J | ug/m3 | 63 | | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 86% | | %REC | 60-140 | | 72 | 251941 | 09/01/20 20:27 | 09/01/20 20:27 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-5-5'SV | Lab ID: 432616-003 | Collected: 08/21/20 12:47 |
|---|---|---|
| | Matrix: Air | |

| 432616-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.022 | 0.022 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 22 | 22 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Propylene | ND | | ug/L | 0.010 | 0.0021 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Propylene | ND | | ug/m3 | 10 | 2.1 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Freon 12 | ND | | ug/L | 0.030 | 0.0059 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Freon 12 | ND | | ug/m3 | 30 | 5.9 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Freon 114 | ND | | ug/L | 0.042 | 0.0084 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Freon 114 | ND | | ug/m3 | 42 | 8.4 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Chloromethane | ND | | ug/L | 0.012 | 0.0025 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Chloromethane | ND | | ug/m3 | 12 | 2.5 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.015 | 0.0031 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 15 | 3.1 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.013 | 0.0027 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 13 | 2.7 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Bromomethane | ND | | ug/L | 0.023 | 0.0047 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Bromomethane | ND | | ug/m3 | 23 | 4.7 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Chloroethane | ND | | ug/L | 0.016 | 0.0032 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Chloroethane | ND | | ug/m3 | 16 | 3.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.034 | 0.0067 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 34 | 6.7 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Freon 113 | **0.065** | | ug/L | 0.046 | 0.0092 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Freon 113 | **65** | | ug/m3 | 46 | 9.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Acetone | **0.14** | J | ug/L | 0.14 | 0.036 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Acetone | **140** | J | ug/m3 | 140 | 36 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.019 | 0.0037 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 19 | 3.7 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.074 | 0.037 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 74 | 37 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Methylene Chloride | ND | | ug/L | 0.052 | 0.0042 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Methylene Chloride | ND | | ug/m3 | 52 | 4.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| MTBE | ND | | ug/L | 0.022 | 0.0043 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| MTBE | ND | | ug/m3 | 22 | 4.3 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| n-Hexane | ND | | ug/L | 0.021 | 0.0042 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| n-Hexane | ND | | ug/m3 | 21 | 4.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1-Dichloroethane | ND | | ug/L | 0.024 | 0.0049 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1-Dichloroethane | ND | | ug/m3 | 24 | 4.9 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.11 | 0.053 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 110 | 53 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 2-Butanone | ND | | ug/L | 0.088 | 0.044 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 2-Butanone | ND | | ug/m3 | 88 | 44 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.054 | 0.054 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 54 | 54 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Chloroform | ND | | ug/L | 0.029 | 0.0059 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Chloroform | ND | | ug/m3 | 29 | 5.9 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Cyclohexane | ND | | ug/L | 0.021 | 0.0041 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Cyclohexane | ND | | ug/m3 | 21 | 4.1 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.038 | 0.0075 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 38 | 7.5 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Benzene | ND | | ug/L | 0.019 | 0.0082 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Benzene | ND | | ug/m3 | 19 | 8.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.024 | 0.021 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 24 | 21 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| n-Heptane | ND | | ug/L | 0.025 | 0.0049 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| n-Heptane | ND | | ug/m3 | 25 | 4.9 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Trichloroethene | **0.15** | | ug/L | 0.032 | 0.0064 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Trichloroethene | **150** | | ug/m3 | 32 | 6.4 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.028 | 0.0055 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 28 | 5.5 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.040 | 0.0080 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 40 | 8.0 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 4-Methyl-2-Pentanone | **0.0095** | J | ug/L | 0.025 | 0.0049 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 4-Methyl-2-Pentanone | **9.5** | J | ug/m3 | 25 | 4.9 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Toluene | **1.6** | | ug/L | 0.023 | 0.0045 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Toluene | **1,600** | | ug/m3 | 23 | 4.5 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Tetrachloroethene | **0.35** | | ug/L | 0.041 | 0.0081 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Tetrachloroethene | **350** | | ug/m3 | 41 | 8.1 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 2-Hexanone | ND | | ug/L | 0.025 | 0.025 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 2-Hexanone | ND | | ug/m3 | 25 | 25 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.051 | 0.010 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 51 | 10 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.046 | 0.0092 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 46 | 9.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-003 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.028 | 0.0055 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Chlorobenzene | ND | | ug/m3 | 28 | 5.5 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Ethylbenzene | **0.18** | | ug/L | 0.026 | 0.0052 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Ethylbenzene | **180** | | ug/m3 | 26 | 5.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| m,p-Xylenes | **0.83** | | ug/L | 0.052 | 0.00076 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| m,p-Xylenes | **830** | | ug/m3 | 52 | 0.76 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| o-Xylene | **0.27** | | ug/L | 0.026 | 0.0052 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| o-Xylene | **270** | | ug/m3 | 26 | 5.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Styrene | ND | | ug/L | 0.026 | 0.0051 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Styrene | ND | | ug/m3 | 26 | 5.1 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Bromoform | ND | | ug/L | 0.062 | 0.012 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Bromoform | ND | | ug/m3 | 62 | 12 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.041 | 0.0082 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 41 | 8.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.029 | 0.0059 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 29 | 5.9 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.029 | 0.0059 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 29 | 5.9 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.074 | 0.0059 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 74 | 5.9 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Benzyl chloride | ND | | ug/L | 0.078 | 0.0062 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Benzyl chloride | ND | | ug/m3 | 78 | 6.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.22 | 0.0089 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 220 | 8.9 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.064 | 0.013 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 64 | 13 | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Xylene (total) | **1.1** | | ug/L | 0.026 | | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| Xylene (total) | **1,100** | | ug/m3 | 26 | | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 100% | | %REC | 60-140 | | 30 | 251941 | 09/01/20 21:11 | 09/01/20 21:11 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-5-15'SV | Lab ID: 432616-004 | Collected: 08/21/20 12:47 |
|---|---|---|
| | Matrix: Air | |

| 432616-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.0043 | 0.0043 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 4.3 | 4.3 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Propylene | ND | | ug/L | 0.0021 | 0.00041 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Propylene | ND | | ug/m3 | 2.1 | 0.41 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Freon 12 | ND | | ug/L | 0.0059 | 0.0012 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Freon 12 | ND | | ug/m3 | 5.9 | 1.2 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Freon 114 | ND | | ug/L | 0.0084 | 0.0017 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Freon 114 | ND | | ug/m3 | 8.4 | 1.7 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Chloromethane | ND | | ug/L | 0.0025 | 0.00050 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Chloromethane | ND | | ug/m3 | 2.5 | 0.50 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.0031 | 0.00061 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 3.1 | 0.61 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.0027 | 0.00053 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 2.7 | 0.53 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Bromomethane | ND | | ug/L | 0.0047 | 0.00093 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Bromomethane | ND | | ug/m3 | 4.7 | 0.93 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Chloroethane | ND | | ug/L | 0.0032 | 0.00063 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Chloroethane | ND | | ug/m3 | 3.2 | 0.63 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.0067 | 0.0013 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 6.7 | 1.3 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.0048 | 0.00095 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 4.8 | 0.95 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Freon 113 | **0.11** | | ug/L | 0.0092 | 0.0018 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Freon 113 | **110** | | ug/m3 | 9.2 | 1.8 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Acetone | **0.056** | | ug/L | 0.029 | 0.0071 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Acetone | **56** | | ug/m3 | 29 | 7.1 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.0037 | 0.00075 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 3.7 | 0.75 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.015 | 0.0074 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 15 | 7.4 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Methylene Chloride | **0.0020** | J | ug/L | 0.010 | 0.00083 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Methylene Chloride | **2.0** | J | ug/m3 | 10 | 0.83 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| trans-1,2-Dichloroethene | **0.0011** | J | ug/L | 0.0048 | 0.00095 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| trans-1,2-Dichloroethene | **1.1** | J | ug/m3 | 4.8 | 0.95 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| MTBE | ND | | ug/L | 0.0043 | 0.00087 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| MTBE | ND | | ug/m3 | 4.3 | 0.87 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| n-Hexane | **0.0025** | J | ug/L | 0.0042 | 0.00085 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| n-Hexane | **2.5** | J | ug/m3 | 4.2 | 0.85 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1-Dichloroethane | **0.051** | | ug/L | 0.0049 | 0.00097 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1-Dichloroethane | **51** | | ug/m3 | 4.9 | 0.97 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.021 | 0.011 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 21 | 11 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| cis-1,2-Dichloroethene | **0.0031** | J | ug/L | 0.0048 | 0.00095 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| cis-1,2-Dichloroethene | **3.1** | J | ug/m3 | 4.8 | 0.95 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 2-Butanone | **0.011** | J | ug/L | 0.018 | 0.0088 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 2-Butanone | **11** | J | ug/m3 | 18 | 8.8 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.011 | 0.011 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 11 | 11 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Chloroform | **0.0030** | J | ug/L | 0.0059 | 0.0012 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Chloroform | **3.0** | J | ug/m3 | 5.9 | 1.2 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.0065 | 0.0013 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 6.5 | 1.3 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Cyclohexane | ND | | ug/L | 0.0041 | 0.00083 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Cyclohexane | ND | | ug/m3 | 4.1 | 0.83 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.0075 | 0.0015 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 7.5 | 1.5 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Benzene | ND | | ug/L | 0.0038 | 0.0016 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Benzene | ND | | ug/m3 | 3.8 | 1.6 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.0049 | 0.0041 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 4.9 | 4.1 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| n-Heptane | **0.0014** | J | ug/L | 0.0049 | 0.00098 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| n-Heptane | **1.4** | J | ug/m3 | 4.9 | 0.98 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Trichloroethene | **0.46** | | ug/L | 0.0064 | 0.0013 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Trichloroethene | **460** | | ug/m3 | 6.4 | 1.3 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.0055 | 0.0011 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 5.5 | 1.1 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.0080 | 0.0016 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 8.0 | 1.6 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.0054 | 0.0011 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 5.4 | 1.1 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 4-Methyl-2-Pentanone | **0.0012** | J | ug/L | 0.0049 | 0.00098 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 4-Methyl-2-Pentanone | **1.2** | J | ug/m3 | 4.9 | 0.98 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Toluene | **0.23** | | ug/L | 0.0045 | 0.00090 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Toluene | **230** | | ug/m3 | 4.5 | 0.90 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.0054 | 0.0011 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 5.4 | 1.1 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.0065 | 0.0013 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 6.5 | 1.3 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Tetrachloroethene | **0.46** | | ug/L | 0.0081 | 0.0016 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Tetrachloroethene | **460** | | ug/m3 | 8.1 | 1.6 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 2-Hexanone | ND | | ug/L | 0.0049 | 0.0049 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 2-Hexanone | ND | | ug/m3 | 4.9 | 4.9 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.010 | 0.0020 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 10 | 2.0 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.0092 | 0.0018 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 9.2 | 1.8 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-004 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.0055 | 0.0011 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Chlorobenzene | ND | | ug/m3 | 5.5 | 1.1 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Ethylbenzene | **0.027** | | ug/L | 0.0052 | 0.0010 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Ethylbenzene | **27** | | ug/m3 | 5.2 | 1.0 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| m,p-Xylenes | **0.13** | | ug/L | 0.010 | 0.00015 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| m,p-Xylenes | **130** | | ug/m3 | 10 | 0.15 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| o-Xylene | **0.045** | | ug/L | 0.0052 | 0.0010 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| o-Xylene | **45** | | ug/m3 | 5.2 | 1.0 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Styrene | ND | | ug/L | 0.0051 | 0.0010 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Styrene | ND | | ug/m3 | 5.1 | 1.0 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Bromoform | ND | | ug/L | 0.012 | 0.0025 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Bromoform | ND | | ug/m3 | 12 | 2.5 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.0082 | 0.0016 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 8.2 | 1.6 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.0059 | 0.0012 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 5.9 | 1.2 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,3,5-Trimethylbenzene | **0.0032** | J | ug/L | 0.0059 | 0.0012 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,3,5-Trimethylbenzene | **3.2** | J | ug/m3 | 5.9 | 1.2 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2,4-Trimethylbenzene | **0.012** | J | ug/L | 0.015 | 0.0012 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2,4-Trimethylbenzene | **12** | J | ug/m3 | 15 | 1.2 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.0072 | 0.0014 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 7.2 | 1.4 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.0072 | 0.0014 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 7.2 | 1.4 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Benzyl chloride | ND | | ug/L | 0.016 | 0.0012 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Benzyl chloride | ND | | ug/m3 | 16 | 1.2 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.0072 | 0.0014 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 7.2 | 1.4 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.045 | 0.0018 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 45 | 1.8 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.013 | 0.0026 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 13 | 2.6 | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Xylene (total) | **0.17** | | ug/L | 0.0052 | | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| Xylene (total) | **170** | | ug/m3 | 5.2 | | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 93% | | %REC | 60-140 | | 6 | 251998 | 09/02/20 05:41 | 09/02/20 05:41 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-8-5'SV | Lab ID: 432616-005 | Collected: 08/22/20 13:10 |
|---|---|---|
| | Matrix: Air | |

| 432616-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.0043 | 0.0043 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,4-Dioxane | ND | | ug/m3 | 4.3 | 4.3 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Propylene | ND | | ug/L | 0.0021 | 0.00041 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Propylene | ND | | ug/m3 | 2.1 | 0.41 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Freon 12 | ND | | ug/L | 0.0059 | 0.0012 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Freon 12 | ND | | ug/m3 | 5.9 | 1.2 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Freon 114 | ND | | ug/L | 0.0084 | 0.0017 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Freon 114 | ND | | ug/m3 | 8.4 | 1.7 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Chloromethane | ND | | ug/L | 0.0025 | 0.00050 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Chloromethane | ND | | ug/m3 | 2.5 | 0.50 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Vinyl Chloride | ND | | ug/L | 0.0031 | 0.00061 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Vinyl Chloride | ND | | ug/m3 | 3.1 | 0.61 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,3-Butadiene | ND | | ug/L | 0.0027 | 0.00053 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,3-Butadiene | ND | | ug/m3 | 2.7 | 0.53 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Bromomethane | ND | | ug/L | 0.0047 | 0.00093 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Bromomethane | ND | | ug/m3 | 4.7 | 0.93 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Chloroethane | ND | | ug/L | 0.0032 | 0.00063 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Chloroethane | ND | | ug/m3 | 3.2 | 0.63 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Trichlorofluoromethane | ND | | ug/L | 0.0067 | 0.0013 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Trichlorofluoromethane | ND | | ug/m3 | 6.7 | 1.3 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1-Dichloroethene | ND | | ug/L | 0.0048 | 0.00095 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1-Dichloroethene | ND | | ug/m3 | 4.8 | 0.95 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Freon 113 | **0.16** | | ug/L | 0.0092 | 0.0018 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Freon 113 | **160** | | ug/m3 | 9.2 | 1.8 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Acetone | **0.092** | | ug/L | 0.014 | 0.0071 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Acetone | **92** | | ug/m3 | 14 | 7.1 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Carbon Disulfide | **0.036** | | ug/L | 0.0037 | 0.00075 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Carbon Disulfide | **36** | | ug/m3 | 3.7 | 0.75 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Isopropanol (IPA) | **0.0098** | J | ug/L | 0.015 | 0.0074 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Isopropanol (IPA) | **9.8** | J | ug/m3 | 15 | 7.4 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Methylene Chloride | **0.024** | | ug/L | 0.0042 | 0.00083 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Methylene Chloride | **24** | | ug/m3 | 4.2 | 0.83 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.0048 | 0.00095 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 4.8 | 0.95 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| MTBE | **0.0016** | J | ug/L | 0.0043 | 0.00087 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| MTBE | **1.6** | J | ug/m3 | 4.3 | 0.87 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| n-Hexane | **0.047** | | ug/L | 0.0042 | 0.00085 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| n-Hexane | **47** | | ug/m3 | 4.2 | 0.85 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1-Dichloroethane | **0.13** | | ug/L | 0.0049 | 0.00097 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1-Dichloroethane | **130** | | ug/m3 | 4.9 | 0.97 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.021 | 0.011 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Vinyl Acetate | ND | | ug/m3 | 21 | 11 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| cis-1,2-Dichloroethene | **0.028** | | ug/L | 0.0048 | 0.00095 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| cis-1,2-Dichloroethene | **28** | | ug/m3 | 4.8 | 0.95 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 2-Butanone | ND | | ug/L | 0.018 | 0.0088 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 2-Butanone | ND | | ug/m3 | 18 | 8.8 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Ethyl Acetate | ND | | ug/L | 0.011 | 0.011 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Ethyl Acetate | ND | | ug/m3 | 11 | 11 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Chloroform | ND | | ug/L | 0.0059 | 0.0012 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Chloroform | ND | | ug/m3 | 5.9 | 1.2 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1,1-Trichloroethane | **0.0019** | J | ug/L | 0.0065 | 0.0013 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1,1-Trichloroethane | **1.9** | J | ug/m3 | 6.5 | 1.3 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Cyclohexane | **0.031** | | ug/L | 0.0041 | 0.00083 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Cyclohexane | **31** | | ug/m3 | 4.1 | 0.83 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Carbon Tetrachloride | ND | | ug/L | 0.0075 | 0.0015 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Carbon Tetrachloride | ND | | ug/m3 | 7.5 | 1.5 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Benzene | **0.016** | | ug/L | 0.0038 | 0.00077 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Benzene | **16** | | ug/m3 | 3.8 | 0.77 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2-Dichloroethane | ND | | ug/L | 0.0049 | 0.00097 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2-Dichloroethane | ND | | ug/m3 | 4.9 | 0.97 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| n-Heptane | **0.067** | | ug/L | 0.0049 | 0.00098 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| n-Heptane | **67** | | ug/m3 | 4.9 | 0.98 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Trichloroethene | **0.28** | | ug/L | 0.0064 | 0.0013 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Trichloroethene | **280** | | ug/m3 | 6.4 | 1.3 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2-Dichloropropane | ND | | ug/L | 0.0055 | 0.0011 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2-Dichloropropane | ND | | ug/m3 | 5.5 | 1.1 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Bromodichloromethane | ND | | ug/L | 0.0080 | 0.0016 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Bromodichloromethane | ND | | ug/m3 | 8.0 | 1.6 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.0054 | 0.0011 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 5.4 | 1.1 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.0049 | 0.00098 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 4.9 | 0.98 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Toluene | **0.060** | | ug/L | 0.0045 | 0.00090 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Toluene | **60** | | ug/m3 | 4.5 | 0.90 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.0054 | 0.0011 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 5.4 | 1.1 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.0065 | 0.0013 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 6.5 | 1.3 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Tetrachloroethene | **0.19** | | ug/L | 0.0081 | 0.0016 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Tetrachloroethene | **190** | | ug/m3 | 8.1 | 1.6 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 2-Hexanone | ND | | ug/L | 0.0049 | 0.0049 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 2-Hexanone | ND | | ug/m3 | 4.9 | 4.9 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Dibromochloromethane | ND | | ug/L | 0.010 | 0.0020 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Dibromochloromethane | ND | | ug/m3 | 10 | 2.0 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2-Dibromoethane | ND | | ug/L | 0.0092 | 0.0018 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2-Dibromoethane | ND | | ug/m3 | 9.2 | 1.8 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-005 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.0055 | 0.0011 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Chlorobenzene | ND | | ug/m3 | 5.5 | 1.1 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Ethylbenzene | **0.0090** | | ug/L | 0.0052 | 0.0010 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Ethylbenzene | **9.0** | | ug/m3 | 5.2 | 1.0 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| m,p-Xylenes | **0.018** | | ug/L | 0.010 | 0.00015 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| m,p-Xylenes | **18** | | ug/m3 | 10 | 0.15 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| o-Xylene | **0.0095** | | ug/L | 0.0052 | 0.0010 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| o-Xylene | **9.5** | | ug/m3 | 5.2 | 1.0 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Styrene | **0.0036** | J | ug/L | 0.0051 | 0.0010 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Styrene | **3.6** | J | ug/m3 | 5.1 | 1.0 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Bromoform | ND | | ug/L | 0.012 | 0.0025 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Bromoform | ND | | ug/m3 | 12 | 2.5 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.0082 | 0.0016 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 8.2 | 1.6 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 4-Ethyltoluene | ND | | ug/L | 0.0059 | 0.0012 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 4-Ethyltoluene | ND | | ug/m3 | 5.9 | 1.2 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,3,5-Trimethylbenzene | **0.0055** | J | ug/L | 0.0059 | 0.0012 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,3,5-Trimethylbenzene | **5.5** | J | ug/m3 | 5.9 | 1.2 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2,4-Trimethylbenzene | **0.013** | | ug/L | 0.0059 | 0.0012 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2,4-Trimethylbenzene | **13** | | ug/m3 | 5.9 | 1.2 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.0072 | 0.0014 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 7.2 | 1.4 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.0072 | 0.0014 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 7.2 | 1.4 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Benzyl chloride | ND | | ug/L | 0.0062 | 0.0012 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Benzyl chloride | ND | | ug/m3 | 6.2 | 1.2 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.0072 | 0.0014 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 7.2 | 1.4 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.0089 | 0.0018 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 8.9 | 1.8 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Hexachlorobutadiene | ND | | ug/L | 0.013 | 0.0026 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Hexachlorobutadiene | ND | | ug/m3 | 13 | 2.6 | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Xylene (total) | **0.028** | | ug/L | 0.0052 | | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| Xylene (total) | **28** | | ug/m3 | 5.2 | | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 169% | * | %REC | 60-140 | | 6 | 252005 | 09/01/20 13:23 | 09/01/20 13:23 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-8-15'SV | Lab ID: 432616-006 | Collected: 08/22/20 13:08 |
|---|---|---|
| | Matrix: Air | |

| 432616-006 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.022 | 0.022 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 22 | 22 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Propylene | ND | | ug/L | 0.010 | 0.0021 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Propylene | ND | | ug/m3 | 10 | 2.1 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Freon 12 | ND | | ug/L | 0.030 | 0.0059 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Freon 12 | ND | | ug/m3 | 30 | 5.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Freon 114 | ND | | ug/L | 0.042 | 0.0084 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Freon 114 | ND | | ug/m3 | 42 | 8.4 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Chloromethane | ND | | ug/L | 0.012 | 0.0025 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Chloromethane | ND | | ug/m3 | 12 | 2.5 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Vinyl Chloride | **0.055** | | ug/L | 0.015 | 0.0031 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Vinyl Chloride | **55** | | ug/m3 | 15 | 3.1 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.013 | 0.0027 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 13 | 2.7 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Bromomethane | ND | | ug/L | 0.023 | 0.0047 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Bromomethane | ND | | ug/m3 | 23 | 4.7 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Chloroethane | ND | | ug/L | 0.016 | 0.0032 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Chloroethane | ND | | ug/m3 | 16 | 3.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Trichlorofluoromethane | ND | | ug/L | 0.034 | 0.0067 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Trichlorofluoromethane | ND | | ug/m3 | 34 | 6.7 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1-Dichloroethene | **0.010** | J | ug/L | 0.024 | 0.0048 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1-Dichloroethene | **10** | J | ug/m3 | 24 | 4.8 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Freon 113 | **0.084** | | ug/L | 0.046 | 0.0092 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Freon 113 | **84** | | ug/m3 | 46 | 9.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Acetone | **0.18** | | ug/L | 0.071 | 0.036 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Acetone | **180** | | ug/m3 | 71 | 36 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Carbon Disulfide | ND | | ug/L | 0.019 | 0.0037 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Carbon Disulfide | ND | | ug/m3 | 19 | 3.7 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 0.074 | 0.037 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 74 | 37 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Methylene Chloride | **0.012** | J | ug/L | 0.021 | 0.0042 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Methylene Chloride | **12** | J | ug/m3 | 21 | 4.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| MTBE | **0.095** | | ug/L | 0.022 | 0.0043 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| MTBE | **95** | | ug/m3 | 22 | 4.3 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| n-Hexane | **0.010** | J | ug/L | 0.021 | 0.0042 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| n-Hexane | **10** | J | ug/m3 | 21 | 4.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1-Dichloroethane | **0.96** | | ug/L | 0.024 | 0.0049 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1-Dichloroethane | **960** | | ug/m3 | 24 | 4.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-006 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.11 | 0.053 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 110 | 53 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| cis-1,2-Dichloroethene | **0.91** | | ug/L | 0.024 | 0.0048 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| cis-1,2-Dichloroethene | **910** | | ug/m3 | 24 | 4.8 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 2-Butanone | ND | | ug/L | 0.088 | 0.044 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 2-Butanone | ND | | ug/m3 | 88 | 44 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Ethyl Acetate | ND | | ug/L | 0.054 | 0.054 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 54 | 54 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Chloroform | **0.0062** | J | ug/L | 0.029 | 0.0059 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Chloroform | **6.2** | J | ug/m3 | 29 | 5.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Cyclohexane | ND | | ug/L | 0.021 | 0.0041 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Cyclohexane | ND | | ug/m3 | 21 | 4.1 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 0.038 | 0.0075 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 38 | 7.5 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Benzene | **0.0085** | B,J | ug/L | 0.019 | 0.0038 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Benzene | **8.5** | B,J | ug/m3 | 19 | 3.8 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 0.024 | 0.0049 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 24 | 4.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| n-Heptane | **0.0098** | J | ug/L | 0.025 | 0.0049 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| n-Heptane | **9.8** | J | ug/m3 | 25 | 4.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Trichloroethene | **1.3** | | ug/L | 0.032 | 0.0064 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Trichloroethene | **1,300** | | ug/m3 | 32 | 6.4 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 0.028 | 0.0055 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 28 | 5.5 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Bromodichloromethane | ND | | ug/L | 0.040 | 0.0080 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 40 | 8.0 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.025 | 0.0049 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 25 | 4.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Toluene | **0.024** | | ug/L | 0.023 | 0.0045 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Toluene | **24** | | ug/m3 | 23 | 4.5 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Tetrachloroethene | **0.17** | | ug/L | 0.041 | 0.0081 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Tetrachloroethene | **170** | | ug/m3 | 41 | 8.1 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 2-Hexanone | ND | | ug/L | 0.025 | 0.025 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 2-Hexanone | ND | | ug/m3 | 25 | 25 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Dibromochloromethane | ND | | ug/L | 0.051 | 0.010 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 51 | 10 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 0.046 | 0.0092 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 46 | 9.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-006 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.028 | 0.0055 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Chlorobenzene | ND | | ug/m3 | 28 | 5.5 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Ethylbenzene | **0.015** | J | ug/L | 0.026 | 0.0052 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Ethylbenzene | **15** | J | ug/m3 | 26 | 5.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| m,p-Xylenes | **0.029** | J | ug/L | 0.052 | 0.00076 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| m,p-Xylenes | **29** | J | ug/m3 | 52 | 0.76 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| o-Xylene | **0.036** | | ug/L | 0.026 | 0.0052 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| o-Xylene | **36** | | ug/m3 | 26 | 5.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Styrene | **0.0068** | J | ug/L | 0.026 | 0.0051 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Styrene | **6.8** | J | ug/m3 | 26 | 5.1 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Bromoform | ND | | ug/L | 0.062 | 0.012 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Bromoform | ND | | ug/m3 | 62 | 12 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.041 | 0.0082 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 41 | 8.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 4-Ethyltoluene | **0.013** | J | ug/L | 0.029 | 0.0059 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 4-Ethyltoluene | **13** | J | ug/m3 | 29 | 5.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,3,5-Trimethylbenzene | **0.012** | J | ug/L | 0.029 | 0.0059 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,3,5-Trimethylbenzene | **12** | J | ug/m3 | 29 | 5.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2,4-Trimethylbenzene | **0.029** | | ug/L | 0.029 | 0.0059 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2,4-Trimethylbenzene | **29** | | ug/m3 | 29 | 5.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Benzyl chloride | ND | | ug/L | 0.031 | 0.0062 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Benzyl chloride | ND | | ug/m3 | 31 | 6.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.045 | 0.0089 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 45 | 8.9 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 0.064 | 0.013 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 64 | 13 | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Xylene (total) | **0.065** | | ug/L | 0.026 | | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| Xylene (total) | **65** | | ug/m3 | 26 | | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 107% | | %REC | 60-140 | | 30 | 252005 | 09/01/20 15:06 | 09/01/20 15:06 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-9-5'SV | Lab ID: 432616-007 | Collected: 08/21/20 15:31 |
|---|---|---|
| | Matrix: Air | |

| 432616-007 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.0022 | 0.0022 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 2.2 | 2.2 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Propylene | ND | | ug/L | 0.0010 | 0.00021 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Propylene | ND | | ug/m3 | 1.0 | 0.21 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Freon 12 | **0.0052** | | ug/L | 0.0030 | 0.00059 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Freon 12 | **5.2** | | ug/m3 | 3.0 | 0.59 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Freon 114 | **0.0020** | J | ug/L | 0.0042 | 0.00084 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Freon 114 | **2.0** | J | ug/m3 | 4.2 | 0.84 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Chloromethane | ND | | ug/L | 0.0012 | 0.00025 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Chloromethane | ND | | ug/m3 | 1.2 | 0.25 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Vinyl Chloride | **0.0011** | J | ug/L | 0.0015 | 0.00031 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Vinyl Chloride | **1.1** | J | ug/m3 | 1.5 | 0.31 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.0013 | 0.00027 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 1.3 | 0.27 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Bromomethane | ND | | ug/L | 0.0023 | 0.00047 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Bromomethane | ND | | ug/m3 | 2.3 | 0.47 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Chloroethane | ND | | ug/L | 0.0016 | 0.00032 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Chloroethane | ND | | ug/m3 | 1.6 | 0.32 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Trichlorofluoromethane | **0.0041** | | ug/L | 0.0034 | 0.00067 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Trichlorofluoromethane | **4.1** | | ug/m3 | 3.4 | 0.67 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1-Dichloroethene | ND | | ug/L | 0.0024 | 0.00048 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1-Dichloroethene | ND | | ug/m3 | 2.4 | 0.48 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Freon 113 | **0.0068** | | ug/L | 0.0046 | 0.00092 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Freon 113 | **6.8** | | ug/m3 | 4.6 | 0.92 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Acetone | ND | | ug/L | 0.0071 | 0.0036 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Acetone | ND | | ug/m3 | 7.1 | 3.6 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Carbon Disulfide | **0.0044** | | ug/L | 0.0019 | 0.00037 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Carbon Disulfide | **4.4** | | ug/m3 | 1.9 | 0.37 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 0.0074 | 0.0037 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 7.4 | 3.7 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Methylene Chloride | ND | | ug/L | 0.0021 | 0.00042 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Methylene Chloride | ND | | ug/m3 | 2.1 | 0.42 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.0024 | 0.00048 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 2.4 | 0.48 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| MTBE | ND | | ug/L | 0.0022 | 0.00043 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| MTBE | ND | | ug/m3 | 2.2 | 0.43 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| n-Hexane | **0.0041** | | ug/L | 0.0021 | 0.00042 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| n-Hexane | **4.1** | | ug/m3 | 2.1 | 0.42 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1-Dichloroethane | **0.0075** | | ug/L | 0.0024 | 0.00049 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1-Dichloroethane | **7.5** | | ug/m3 | 2.4 | 0.49 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-007 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.011 | 0.0053 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 11 | 5.3 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| cis-1,2-Dichloroethene | **0.0019** | J | ug/L | 0.0024 | 0.00048 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| cis-1,2-Dichloroethene | **1.9** | J | ug/m3 | 2.4 | 0.48 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 2-Butanone | **0.016** | | ug/L | 0.0088 | 0.0044 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 2-Butanone | **16** | | ug/m3 | 8.8 | 4.4 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Ethyl Acetate | ND | | ug/L | 0.0054 | 0.0054 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 5.4 | 5.4 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Chloroform | **0.0022** | J | ug/L | 0.0029 | 0.00059 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Chloroform | **2.2** | J | ug/m3 | 2.9 | 0.59 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1,1-Trichloroethane | **0.0016** | J | ug/L | 0.0033 | 0.00065 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1,1-Trichloroethane | **1.6** | J | ug/m3 | 3.3 | 0.65 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Cyclohexane | ND | | ug/L | 0.0021 | 0.00041 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Cyclohexane | ND | | ug/m3 | 2.1 | 0.41 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Carbon Tetrachloride | **0.00098** | J | ug/L | 0.0038 | 0.00075 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Carbon Tetrachloride | **0.98** | J | ug/m3 | 3.8 | 0.75 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Benzene | **0.0046** | | ug/L | 0.0019 | 0.00038 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Benzene | **4.6** | | ug/m3 | 1.9 | 0.38 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2-Dichloroethane | **0.0011** | J | ug/L | 0.0024 | 0.00049 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2-Dichloroethane | **1.1** | J | ug/m3 | 2.4 | 0.49 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| n-Heptane | **0.0026** | | ug/L | 0.0025 | 0.00049 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| n-Heptane | **2.6** | | ug/m3 | 2.5 | 0.49 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Trichloroethene | **0.20** | | ug/L | 0.0032 | 0.00064 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Trichloroethene | **200** | | ug/m3 | 3.2 | 0.64 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2-Dichloropropane | **0.0013** | J | ug/L | 0.0028 | 0.00055 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2-Dichloropropane | **1.3** | J | ug/m3 | 2.8 | 0.55 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Bromodichloromethane | **0.0014** | J | ug/L | 0.0040 | 0.00080 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Bromodichloromethane | **1.4** | J | ug/m3 | 4.0 | 0.80 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.0027 | 0.00054 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 2.7 | 0.54 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 4-Methyl-2-Pentanone | **0.026** | | ug/L | 0.0025 | 0.00049 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 4-Methyl-2-Pentanone | **26** | | ug/m3 | 2.5 | 0.49 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Toluene | **0.037** | | ug/L | 0.0023 | 0.00045 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Toluene | **37** | | ug/m3 | 2.3 | 0.45 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.0027 | 0.00054 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 2.7 | 0.54 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1,2-Trichloroethane | **0.00088** | J | ug/L | 0.0033 | 0.00065 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1,2-Trichloroethane | **0.88** | J | ug/m3 | 3.3 | 0.65 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Tetrachloroethene | **0.13** | | ug/L | 0.0041 | 0.00081 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Tetrachloroethene | **130** | | ug/m3 | 4.1 | 0.81 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 2-Hexanone | ND | | ug/L | 0.0025 | 0.0025 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 2-Hexanone | ND | | ug/m3 | 2.5 | 2.5 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Dibromochloromethane | **0.0023** | J | ug/L | 0.0051 | 0.0010 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Dibromochloromethane | **2.3** | J | ug/m3 | 5.1 | 1.0 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2-Dibromoethane | **0.0019** | J | ug/L | 0.0046 | 0.00092 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2-Dibromoethane | **1.9** | J | ug/m3 | 4.6 | 0.92 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-007 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | **0.0023** | J | ug/L | 0.0028 | 0.00055 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Chlorobenzene | **2.3** | J | ug/m3 | 2.8 | 0.55 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Ethylbenzene | **0.0037** | | ug/L | 0.0026 | 0.00052 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Ethylbenzene | **3.7** | | ug/m3 | 2.6 | 0.52 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| m,p-Xylenes | **0.014** | | ug/L | 0.0052 | 0.000076 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| m,p-Xylenes | **14** | | ug/m3 | 5.2 | 0.076 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| o-Xylene | **0.0053** | | ug/L | 0.0026 | 0.00052 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| o-Xylene | **5.3** | | ug/m3 | 2.6 | 0.52 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Styrene | **0.0020** | J | ug/L | 0.0026 | 0.00051 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Styrene | **2.0** | J | ug/m3 | 2.6 | 0.51 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Bromoform | ND | | ug/L | 0.0062 | 0.0012 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Bromoform | ND | | ug/m3 | 6.2 | 1.2 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.0041 | 0.00082 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 4.1 | 0.82 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 4-Ethyltoluene | **0.0019** | J | ug/L | 0.0029 | 0.00059 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 4-Ethyltoluene | **1.9** | J | ug/m3 | 2.9 | 0.59 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,3,5-Trimethylbenzene | **0.0013** | J | ug/L | 0.0029 | 0.00059 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,3,5-Trimethylbenzene | **1.3** | J | ug/m3 | 2.9 | 0.59 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2,4-Trimethylbenzene | **0.0037** | | ug/L | 0.0029 | 0.00059 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2,4-Trimethylbenzene | **3.7** | | ug/m3 | 2.9 | 0.59 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Benzyl chloride | ND | | ug/L | 0.0031 | 0.00062 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Benzyl chloride | ND | | ug/m3 | 3.1 | 0.62 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2,4-Trichlorobenzene | **0.0023** | J | ug/L | 0.0045 | 0.00089 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| 1,2,4-Trichlorobenzene | **2.3** | J | ug/m3 | 4.5 | 0.89 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Hexachlorobutadiene | **0.0019** | J | ug/L | 0.0064 | 0.0013 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Hexachlorobutadiene | **1.9** | J | ug/m3 | 6.4 | 1.3 | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Xylene (total) | **0.019** | | ug/L | 0.0026 | | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| Xylene (total) | **19** | | ug/m3 | 2.6 | | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 98% | | %REC | 60-140 | | 3 | 252170 | 09/03/20 12:33 | 09/03/20 12:33 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-9-15'SV | Lab ID: 432616-008 | Collected: 08/21/20 15:30 |
|---|---|---|
| | Matrix: Air | |

| 432616-008 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.0022 | 0.0022 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 2.2 | 2.2 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Propylene | ND | | ug/L | 0.0010 | 0.00021 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Propylene | ND | | ug/m3 | 1.0 | 0.21 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Freon 12 | ND | | ug/L | 0.0030 | 0.00059 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Freon 12 | ND | | ug/m3 | 3.0 | 0.59 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Freon 114 | ND | | ug/L | 0.0042 | 0.00084 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Freon 114 | ND | | ug/m3 | 4.2 | 0.84 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Chloromethane | ND | | ug/L | 0.0012 | 0.00025 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Chloromethane | ND | | ug/m3 | 1.2 | 0.25 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Vinyl Chloride | **0.00048** | J | ug/L | 0.0015 | 0.00031 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Vinyl Chloride | **0.48** | J | ug/m3 | 1.5 | 0.31 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.0013 | 0.00027 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 1.3 | 0.27 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Bromomethane | ND | | ug/L | 0.0023 | 0.00047 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Bromomethane | ND | | ug/m3 | 2.3 | 0.47 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Chloroethane | ND | | ug/L | 0.0016 | 0.00032 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Chloroethane | ND | | ug/m3 | 1.6 | 0.32 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Trichlorofluoromethane | ND | | ug/L | 0.0034 | 0.00067 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Trichlorofluoromethane | ND | | ug/m3 | 3.4 | 0.67 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1-Dichloroethene | **0.00059** | J | ug/L | 0.0024 | 0.00048 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1-Dichloroethene | **0.59** | J | ug/m3 | 2.4 | 0.48 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Freon 113 | **0.0049** | | ug/L | 0.0046 | 0.00092 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Freon 113 | **4.9** | | ug/m3 | 4.6 | 0.92 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Acetone | **0.042** | | ug/L | 0.0071 | 0.0036 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Acetone | **42** | | ug/m3 | 7.1 | 3.6 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Carbon Disulfide | ND | | ug/L | 0.0019 | 0.00037 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Carbon Disulfide | ND | | ug/m3 | 1.9 | 0.37 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 0.0074 | 0.0037 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 7.4 | 3.7 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Methylene Chloride | **0.0012** | J | ug/L | 0.0021 | 0.00042 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Methylene Chloride | **1.2** | J | ug/m3 | 2.1 | 0.42 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| trans-1,2-Dichloroethene | **0.010** | | ug/L | 0.0024 | 0.00048 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| trans-1,2-Dichloroethene | **10** | | ug/m3 | 2.4 | 0.48 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| MTBE | **0.0014** | J | ug/L | 0.0022 | 0.00043 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| MTBE | **1.4** | J | ug/m3 | 2.2 | 0.43 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| n-Hexane | **0.010** | | ug/L | 0.0021 | 0.00042 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| n-Hexane | **10** | | ug/m3 | 2.1 | 0.42 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1-Dichloroethane | **0.077** | | ug/L | 0.0024 | 0.00049 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1-Dichloroethane | **77** | | ug/m3 | 2.4 | 0.49 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-008 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.011 | 0.0053 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 11 | 5.3 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| cis-1,2-Dichloroethene | **0.11** | | ug/L | 0.0024 | 0.00048 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| cis-1,2-Dichloroethene | **110** | | ug/m3 | 2.4 | 0.48 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 2-Butanone | **0.016** | | ug/L | 0.0088 | 0.0044 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 2-Butanone | **16** | | ug/m3 | 8.8 | 4.4 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Ethyl Acetate | ND | | ug/L | 0.0054 | 0.0054 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 5.4 | 5.4 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Chloroform | ND | | ug/L | 0.0029 | 0.00059 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Chloroform | ND | | ug/m3 | 2.9 | 0.59 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.0033 | 0.00065 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 3.3 | 0.65 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Cyclohexane | **0.00074** | J | ug/L | 0.0021 | 0.00041 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Cyclohexane | **0.74** | J | ug/m3 | 2.1 | 0.41 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 0.0038 | 0.00075 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 3.8 | 0.75 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Benzene | **0.0015** | J | ug/L | 0.0019 | 0.00038 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Benzene | **1.5** | J | ug/m3 | 1.9 | 0.38 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 0.0024 | 0.00049 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 2.4 | 0.49 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| n-Heptane | **0.0041** | | ug/L | 0.0025 | 0.00049 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| n-Heptane | **4.1** | | ug/m3 | 2.5 | 0.49 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Trichloroethene | **0.39** | | ug/L | 0.0032 | 0.00064 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Trichloroethene | **390** | | ug/m3 | 3.2 | 0.64 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 0.0028 | 0.00055 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 2.8 | 0.55 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Bromodichloromethane | ND | | ug/L | 0.0040 | 0.00080 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 4.0 | 0.80 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.0027 | 0.00054 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 2.7 | 0.54 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 4-Methyl-2-Pentanone | **0.00096** | J | ug/L | 0.0025 | 0.00049 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 4-Methyl-2-Pentanone | **0.96** | J | ug/m3 | 2.5 | 0.49 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Toluene | **0.0056** | | ug/L | 0.0023 | 0.00045 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Toluene | **5.6** | | ug/m3 | 2.3 | 0.45 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.0027 | 0.00054 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 2.7 | 0.54 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.0033 | 0.00065 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 3.3 | 0.65 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Tetrachloroethene | **0.087** | | ug/L | 0.0041 | 0.00081 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Tetrachloroethene | **87** | | ug/m3 | 4.1 | 0.81 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 2-Hexanone | ND | | ug/L | 0.0025 | 0.0025 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 2-Hexanone | ND | | ug/m3 | 2.5 | 2.5 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Dibromochloromethane | ND | | ug/L | 0.0051 | 0.0010 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 5.1 | 1.0 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 0.0046 | 0.00092 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 4.6 | 0.92 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-008 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.0028 | 0.00055 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Chlorobenzene | ND | | ug/m3 | 2.8 | 0.55 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Ethylbenzene | **0.00090** | J | ug/L | 0.0026 | 0.00052 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Ethylbenzene | **0.90** | J | ug/m3 | 2.6 | 0.52 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| m,p-Xylenes | **0.0055** | | ug/L | 0.0052 | 0.000076 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| m,p-Xylenes | **5.5** | | ug/m3 | 5.2 | 0.076 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| o-Xylene | **0.0029** | | ug/L | 0.0026 | 0.00052 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| o-Xylene | **2.9** | | ug/m3 | 2.6 | 0.52 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Styrene | ND | | ug/L | 0.0026 | 0.00051 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Styrene | ND | | ug/m3 | 2.6 | 0.51 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Bromoform | ND | | ug/L | 0.0062 | 0.0012 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Bromoform | ND | | ug/m3 | 6.2 | 1.2 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.0041 | 0.00082 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 4.1 | 0.82 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 4-Ethyltoluene | **0.0021** | J | ug/L | 0.0029 | 0.00059 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 4-Ethyltoluene | **2.1** | J | ug/m3 | 2.9 | 0.59 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,3,5-Trimethylbenzene | **0.0011** | J | ug/L | 0.0029 | 0.00059 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,3,5-Trimethylbenzene | **1.1** | J | ug/m3 | 2.9 | 0.59 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2,4-Trimethylbenzene | **0.0017** | J | ug/L | 0.0029 | 0.00059 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2,4-Trimethylbenzene | **1.7** | J | ug/m3 | 2.9 | 0.59 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Benzyl chloride | ND | | ug/L | 0.0031 | 0.00062 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Benzyl chloride | ND | | ug/m3 | 3.1 | 0.62 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.0045 | 0.00089 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 4.5 | 0.89 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 0.0064 | 0.0013 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 6.4 | 1.3 | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Xylene (total) | **0.0084** | | ug/L | 0.0026 | | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| Xylene (total) | **8.4** | | ug/m3 | 2.6 | | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 93% | | %REC | 60-140 | | 3 | 252170 | 09/03/20 13:24 | 09/03/20 13:24 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-10-5'SV | Lab ID: 432616-009 | Collected: 08/22/20 10:14 |
|---|---|---|
| | Matrix: Air | |

| 432616-009 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.011 | 0.011 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 11 | 11 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Propylene | ND | | ug/L | 0.0052 | 0.0010 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Propylene | ND | | ug/m3 | 5.2 | 1.0 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Freon 12 | ND | | ug/L | 0.015 | 0.0030 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Freon 12 | ND | | ug/m3 | 15 | 3.0 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Freon 114 | ND | | ug/L | 0.021 | 0.0042 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Freon 114 | ND | | ug/m3 | 21 | 4.2 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Chloromethane | ND | | ug/L | 0.0062 | 0.0012 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Chloromethane | ND | | ug/m3 | 6.2 | 1.2 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Vinyl Chloride | **0.0018** | J | ug/L | 0.0077 | 0.0015 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Vinyl Chloride | **1.8** | J | ug/m3 | 7.7 | 1.5 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.0066 | 0.0013 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 6.6 | 1.3 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Bromomethane | ND | | ug/L | 0.012 | 0.0023 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Bromomethane | ND | | ug/m3 | 12 | 2.3 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Chloroethane | ND | | ug/L | 0.0079 | 0.0016 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Chloroethane | ND | | ug/m3 | 7.9 | 1.6 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Trichlorofluoromethane | **0.045** | | ug/L | 0.017 | 0.0034 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Trichlorofluoromethane | **45** | | ug/m3 | 17 | 3.4 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Freon 113 | **0.018** | J | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Freon 113 | **18** | J | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Acetone | **0.099** | | ug/L | 0.036 | 0.018 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Acetone | **99** | | ug/m3 | 36 | 18 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Carbon Disulfide | **0.016** | | ug/L | 0.0093 | 0.0019 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Carbon Disulfide | **16** | | ug/m3 | 9.3 | 1.9 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 0.037 | 0.018 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 37 | 18 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Methylene Chloride | ND | | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Methylene Chloride | ND | | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| trans-1,2-Dichloroethene | **0.013** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| trans-1,2-Dichloroethene | **13** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| MTBE | **0.0059** | J | ug/L | 0.011 | 0.0022 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| MTBE | **5.9** | J | ug/m3 | 11 | 2.2 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| n-Hexane | **0.018** | | ug/L | 0.011 | 0.0021 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| n-Hexane | **18** | | ug/m3 | 11 | 2.1 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1-Dichloroethane | **0.25** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1-Dichloroethane | **250** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-009 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.053 | 0.026 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 53 | 26 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| cis-1,2-Dichloroethene | **0.093** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| cis-1,2-Dichloroethene | **93** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 2-Butanone | **0.032** | J | ug/L | 0.044 | 0.022 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 2-Butanone | **32** | J | ug/m3 | 44 | 22 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Ethyl Acetate | ND | | ug/L | 0.027 | 0.027 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 27 | 27 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Chloroform | **0.12** | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Chloroform | **120** | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1,1-Trichloroethane | **0.063** | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1,1-Trichloroethane | **63** | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Cyclohexane | **0.0049** | J | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Cyclohexane | **4.9** | J | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 0.019 | 0.0038 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 19 | 3.8 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Benzene | **0.10** | | ug/L | 0.0096 | 0.0019 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Benzene | **100** | | ug/m3 | 9.6 | 1.9 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| n-Heptane | **0.042** | | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| n-Heptane | **42** | | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Trichloroethene | **1.3** | | ug/L | 0.016 | 0.0032 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Trichloroethene | **1,300** | | ug/m3 | 16 | 3.2 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Bromodichloromethane | ND | | ug/L | 0.020 | 0.0040 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 20 | 4.0 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 4-Methyl-2-Pentanone | **0.026** | | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 4-Methyl-2-Pentanone | **26** | | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Toluene | **0.033** | | ug/L | 0.011 | 0.0023 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Toluene | **33** | | ug/m3 | 11 | 2.3 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Tetrachloroethene | **0.20** | | ug/L | 0.020 | 0.0041 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Tetrachloroethene | **200** | | ug/m3 | 20 | 4.1 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 2-Hexanone | ND | | ug/L | 0.012 | 0.012 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 2-Hexanone | ND | | ug/m3 | 12 | 12 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Dibromochloromethane | ND | | ug/L | 0.026 | 0.0051 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 26 | 5.1 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-009 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Chlorobenzene | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Ethylbenzene | **0.0085** | J | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Ethylbenzene | **8.5** | J | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| m,p-Xylenes | **0.036** | | ug/L | 0.026 | 0.00038 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| m,p-Xylenes | **36** | | ug/m3 | 26 | 0.38 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| o-Xylene | **0.014** | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| o-Xylene | **14** | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Styrene | ND | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Styrene | ND | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Bromoform | ND | | ug/L | 0.031 | 0.0062 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Bromoform | ND | | ug/m3 | 31 | 6.2 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.021 | 0.0041 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 21 | 4.1 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 4-Ethyltoluene | **0.0033** | J | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 4-Ethyltoluene | **3.3** | J | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2,4-Trimethylbenzene | **0.0037** | J | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2,4-Trimethylbenzene | **3.7** | J | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Benzyl chloride | ND | | ug/L | 0.016 | 0.0031 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Benzyl chloride | ND | | ug/m3 | 16 | 3.1 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.022 | 0.0045 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 22 | 4.5 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 0.032 | 0.0064 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 32 | 6.4 | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Xylene (total) | **0.050** | | ug/L | 0.013 | | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| Xylene (total) | **50** | | ug/m3 | 13 | | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 106% | | %REC | 60-140 | | 15 | 252005 | 09/02/20 00:31 | 09/02/20 00:31 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-10-15'SV | Lab ID: 432616-010 | Collected: 08/22/20 10:12 |
|---|---|---|
| | Matrix: Air | |

| 432616-010 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | **0.058** | | ug/L | 0.054 | 0.054 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,4-Dioxane | **58** | | ug/m3 | 54 | 54 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Propylene | ND | | ug/L | 0.026 | 0.0052 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Propylene | ND | | ug/m3 | 26 | 5.2 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Freon 12 | ND | | ug/L | 0.074 | 0.015 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Freon 12 | ND | | ug/m3 | 74 | 15 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Freon 114 | ND | | ug/L | 0.10 | 0.021 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Freon 114 | ND | | ug/m3 | 100 | 21 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Chloromethane | ND | | ug/L | 0.031 | 0.0062 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Chloromethane | ND | | ug/m3 | 31 | 6.2 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Vinyl Chloride | **0.22** | | ug/L | 0.038 | 0.0077 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Vinyl Chloride | **220** | | ug/m3 | 38 | 7.7 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.033 | 0.0066 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 33 | 6.6 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Bromomethane | ND | | ug/L | 0.058 | 0.012 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Bromomethane | ND | | ug/m3 | 58 | 12 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Chloroethane | ND | | ug/L | 0.040 | 0.0079 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Chloroethane | ND | | ug/m3 | 40 | 7.9 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Trichlorofluoromethane | ND | | ug/L | 0.084 | 0.017 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Trichlorofluoromethane | ND | | ug/m3 | 84 | 17 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1-Dichloroethene | **0.041** | J | ug/L | 0.059 | 0.012 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1-Dichloroethene | **41** | J | ug/m3 | 59 | 12 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Freon 113 | **0.025** | J | ug/L | 0.11 | 0.023 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Freon 113 | **25** | J | ug/m3 | 110 | 23 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Acetone | **1.7** | | ug/L | 0.18 | 0.089 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Acetone | **1,700** | | ug/m3 | 180 | 89 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Carbon Disulfide | ND | | ug/L | 0.047 | 0.0093 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Carbon Disulfide | ND | | ug/m3 | 47 | 9.3 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Isopropanol (IPA) | **0.35** | | ug/L | 0.18 | 0.092 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Isopropanol (IPA) | **350** | | ug/m3 | 180 | 92 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Methylene Chloride | **1.7** | | ug/L | 0.052 | 0.010 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Methylene Chloride | **1,700** | | ug/m3 | 52 | 10 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| trans-1,2-Dichloroethene | **0.065** | | ug/L | 0.059 | 0.012 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| trans-1,2-Dichloroethene | **65** | | ug/m3 | 59 | 12 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| MTBE | **0.035** | J | ug/L | 0.054 | 0.011 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| MTBE | **35** | J | ug/m3 | 54 | 11 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| n-Hexane | **0.19** | | ug/L | 0.053 | 0.011 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| n-Hexane | **190** | | ug/m3 | 53 | 11 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1-Dichloroethane | **1.4** | | ug/L | 0.061 | 0.012 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1-Dichloroethane | **1,400** | | ug/m3 | 61 | 12 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-010 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.26 | 0.13 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 260 | 130 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| cis-1,2-Dichloroethene | **5.1** | | ug/L | 0.059 | 0.012 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| cis-1,2-Dichloroethene | **5,100** | | ug/m3 | 59 | 12 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 2-Butanone | ND | | ug/L | 0.22 | 0.11 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 2-Butanone | ND | | ug/m3 | 220 | 110 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Ethyl Acetate | ND | | ug/L | 0.14 | 0.14 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 140 | 140 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Chloroform | ND | | ug/L | 0.073 | 0.015 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Chloroform | ND | | ug/m3 | 73 | 15 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.082 | 0.016 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 82 | 16 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Cyclohexane | ND | | ug/L | 0.052 | 0.010 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Cyclohexane | ND | | ug/m3 | 52 | 10 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 0.094 | 0.019 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 94 | 19 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Benzene | **0.029** | B,J | ug/L | 0.048 | 0.0096 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Benzene | **29** | B,J | ug/m3 | 48 | 9.6 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 0.061 | 0.012 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 61 | 12 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| n-Heptane | ND | | ug/L | 0.061 | 0.012 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| n-Heptane | ND | | ug/m3 | 61 | 12 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Trichloroethene | **2.8** | | ug/L | 0.081 | 0.016 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Trichloroethene | **2,800** | | ug/m3 | 81 | 16 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 0.069 | 0.014 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 69 | 14 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Bromodichloromethane | ND | | ug/L | 0.10 | 0.020 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 100 | 20 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.068 | 0.014 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 68 | 14 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 4-Methyl-2-Pentanone | **0.028** | J | ug/L | 0.061 | 0.012 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 4-Methyl-2-Pentanone | **28** | J | ug/m3 | 61 | 12 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Toluene | **0.059** | | ug/L | 0.057 | 0.011 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Toluene | **59** | | ug/m3 | 57 | 11 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.068 | 0.014 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 68 | 14 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.082 | 0.016 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 82 | 16 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Tetrachloroethene | **0.25** | | ug/L | 0.10 | 0.020 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Tetrachloroethene | **250** | | ug/m3 | 100 | 20 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 2-Hexanone | ND | | ug/L | 0.061 | 0.061 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 2-Hexanone | ND | | ug/m3 | 61 | 61 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Dibromochloromethane | ND | | ug/L | 0.13 | 0.026 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 130 | 26 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 0.12 | 0.023 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 120 | 23 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-010 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.069 | 0.014 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Chlorobenzene | ND | | ug/m3 | 69 | 14 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Ethylbenzene | **0.014** | J | ug/L | 0.065 | 0.013 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Ethylbenzene | **14** | J | ug/m3 | 65 | 13 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| m,p-Xylenes | **0.059** | J | ug/L | 0.13 | 0.0019 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| m,p-Xylenes | **59** | J | ug/m3 | 130 | 1.9 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| o-Xylene | **0.037** | J | ug/L | 0.065 | 0.013 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| o-Xylene | **37** | J | ug/m3 | 65 | 13 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Styrene | **0.019** | J | ug/L | 0.064 | 0.013 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Styrene | **19** | J | ug/m3 | 64 | 13 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Bromoform | ND | | ug/L | 0.16 | 0.031 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Bromoform | ND | | ug/m3 | 160 | 31 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.10 | 0.021 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 100 | 21 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 4-Ethyltoluene | **0.031** | J | ug/L | 0.074 | 0.015 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 4-Ethyltoluene | **31** | J | ug/m3 | 74 | 15 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.074 | 0.015 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 74 | 15 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2,4-Trimethylbenzene | **0.051** | J | ug/L | 0.074 | 0.015 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2,4-Trimethylbenzene | **51** | J | ug/m3 | 74 | 15 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.090 | 0.018 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 90 | 18 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.090 | 0.018 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 90 | 18 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Benzyl chloride | ND | | ug/L | 0.078 | 0.016 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Benzyl chloride | ND | | ug/m3 | 78 | 16 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.090 | 0.018 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 90 | 18 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.11 | 0.022 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 110 | 22 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 0.16 | 0.032 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 160 | 32 | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Xylene (total) | **0.096** | J | ug/L | 0.065 | | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| Xylene (total) | **96** | J | ug/m3 | 65 | | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 87% | | %REC | 60-140 | | 75 | 252005 | 09/01/20 17:40 | 09/01/20 17:40 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-13-5'SV | Lab ID: 432616-011 | Collected: 08/22/20 09:52 |
|---|---|---|
| | Matrix: Air | |

| 432616-011 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.086 | 0.086 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 86 | 86 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Propylene | ND | | ug/L | 0.041 | 0.0083 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Propylene | ND | | ug/m3 | 41 | 8.3 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Freon 12 | ND | | ug/L | 0.12 | 0.024 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Freon 12 | ND | | ug/m3 | 120 | 24 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Freon 114 | ND | | ug/L | 0.17 | 0.034 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Freon 114 | ND | | ug/m3 | 170 | 34 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Chloromethane | ND | | ug/L | 0.050 | 0.0099 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Chloromethane | ND | | ug/m3 | 50 | 9.9 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.061 | 0.012 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 61 | 12 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.053 | 0.011 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 53 | 11 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Bromomethane | ND | | ug/L | 0.093 | 0.019 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Bromomethane | ND | | ug/m3 | 93 | 19 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Chloroethane | ND | | ug/L | 0.063 | 0.013 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Chloroethane | ND | | ug/m3 | 63 | 13 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.13 | 0.027 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 130 | 27 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1-Dichloroethene | **0.065** | J | ug/L | 0.095 | 0.019 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1-Dichloroethene | **65** | J | ug/m3 | 95 | 19 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Freon 113 | ND | | ug/L | 0.18 | 0.037 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Freon 113 | ND | | ug/m3 | 180 | 37 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Acetone | **0.64** | | ug/L | 0.57 | 0.14 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Acetone | **640** | | ug/m3 | 570 | 140 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.075 | 0.015 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 75 | 15 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.29 | 0.15 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 290 | 150 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Methylene Chloride | **0.62** | | ug/L | 0.21 | 0.017 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Methylene Chloride | **620** | | ug/m3 | 210 | 17 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| trans-1,2-Dichloroethene | **0.024** | J | ug/L | 0.095 | 0.019 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| trans-1,2-Dichloroethene | **24** | J | ug/m3 | 95 | 19 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| MTBE | ND | | ug/L | 0.087 | 0.017 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| MTBE | ND | | ug/m3 | 87 | 17 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| n-Hexane | **0.17** | | ug/L | 0.085 | 0.017 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| n-Hexane | **170** | | ug/m3 | 85 | 17 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1-Dichloroethane | **0.21** | | ug/L | 0.097 | 0.019 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1-Dichloroethane | **210** | | ug/m3 | 97 | 19 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-011 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.42 | 0.21 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 420 | 210 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| cis-1,2-Dichloroethene | **0.77** | | ug/L | 0.095 | 0.019 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| cis-1,2-Dichloroethene | **770** | | ug/m3 | 95 | 19 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 2-Butanone | ND | | ug/L | 0.35 | 0.18 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 2-Butanone | ND | | ug/m3 | 350 | 180 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.22 | 0.22 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 220 | 220 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Chloroform | ND | | ug/L | 0.12 | 0.023 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Chloroform | ND | | ug/m3 | 120 | 23 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.13 | 0.026 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 130 | 26 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Cyclohexane | ND | | ug/L | 0.083 | 0.017 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Cyclohexane | ND | | ug/m3 | 83 | 17 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.15 | 0.030 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 150 | 30 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Benzene | ND | | ug/L | 0.077 | 0.033 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Benzene | ND | | ug/m3 | 77 | 33 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.097 | 0.083 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 97 | 83 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| n-Heptane | ND | | ug/L | 0.098 | 0.020 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| n-Heptane | ND | | ug/m3 | 98 | 20 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Trichloroethene | **1.3** | | ug/L | 0.13 | 0.026 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Trichloroethene | **1,300** | | ug/m3 | 130 | 26 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.11 | 0.022 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 110 | 22 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.16 | 0.032 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 160 | 32 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.11 | 0.022 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 110 | 22 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.098 | 0.020 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 98 | 20 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Toluene | **0.050** | J | ug/L | 0.090 | 0.018 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Toluene | **50** | J | ug/m3 | 90 | 18 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.11 | 0.022 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 110 | 22 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.13 | 0.026 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 130 | 26 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Tetrachloroethene | **0.28** | | ug/L | 0.16 | 0.033 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Tetrachloroethene | **280** | | ug/m3 | 160 | 33 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 2-Hexanone | ND | | ug/L | 0.098 | 0.098 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 2-Hexanone | ND | | ug/m3 | 98 | 98 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.20 | 0.041 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 200 | 41 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.18 | 0.037 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 180 | 37 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-011 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.11 | 0.022 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Chlorobenzene | ND | | ug/m3 | 110 | 22 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Ethylbenzene | ND | | ug/L | 0.10 | 0.021 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Ethylbenzene | ND | | ug/m3 | 100 | 21 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| m,p-Xylenes | **0.025** | J | ug/L | 0.21 | 0.0030 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| m,p-Xylenes | **25** | J | ug/m3 | 210 | 3.0 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| o-Xylene | ND | | ug/L | 0.10 | 0.021 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| o-Xylene | ND | | ug/m3 | 100 | 21 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Styrene | ND | | ug/L | 0.10 | 0.020 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Styrene | ND | | ug/m3 | 100 | 20 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Bromoform | ND | | ug/L | 0.25 | 0.050 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Bromoform | ND | | ug/m3 | 250 | 50 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.16 | 0.033 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 160 | 33 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.12 | 0.024 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 120 | 24 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.12 | 0.024 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 120 | 24 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.29 | 0.024 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 290 | 24 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.14 | 0.029 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 140 | 29 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.14 | 0.029 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 140 | 29 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Benzyl chloride | ND | | ug/L | 0.31 | 0.025 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Benzyl chloride | ND | | ug/m3 | 310 | 25 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.14 | 0.029 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 140 | 29 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.89 | 0.036 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 890 | 36 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.26 | 0.051 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 260 | 51 | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Xylene (total) | **0.025** | J | ug/L | 0.10 | | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| Xylene (total) | **25** | J | ug/m3 | 100 | | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 87% | | %REC | 60-140 | | 120 | 251998 | 09/02/20 14:36 | 09/02/20 14:36 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-13-15'SV | Lab ID: 432616-012 | Collected: 08/22/20 09:58 |
|---|---|---|
| | Matrix: Air | |

| 432616-012 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.054 | 0.054 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 54 | 54 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Propylene | ND | | ug/L | 0.026 | 0.0052 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Propylene | ND | | ug/m3 | 26 | 5.2 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Freon 12 | ND | | ug/L | 0.074 | 0.015 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Freon 12 | ND | | ug/m3 | 74 | 15 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Freon 114 | ND | | ug/L | 0.10 | 0.021 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Freon 114 | ND | | ug/m3 | 100 | 21 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Chloromethane | ND | | ug/L | 0.031 | 0.0062 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Chloromethane | ND | | ug/m3 | 31 | 6.2 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.038 | 0.0077 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 38 | 7.7 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.033 | 0.0066 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 33 | 6.6 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Bromomethane | ND | | ug/L | 0.058 | 0.012 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Bromomethane | ND | | ug/m3 | 58 | 12 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Chloroethane | ND | | ug/L | 0.040 | 0.0079 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Chloroethane | ND | | ug/m3 | 40 | 7.9 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.084 | 0.017 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 84 | 17 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1-Dichloroethene | **0.033** | J | ug/L | 0.059 | 0.012 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1-Dichloroethene | **33** | J | ug/m3 | 59 | 12 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Freon 113 | ND | | ug/L | 0.11 | 0.023 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Freon 113 | ND | | ug/m3 | 110 | 23 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Acetone | **0.76** | | ug/L | 0.36 | 0.089 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Acetone | **760** | | ug/m3 | 360 | 89 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.047 | 0.0093 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 47 | 9.3 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Isopropanol (IPA) | **0.16** | J | ug/L | 0.18 | 0.092 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Isopropanol (IPA) | **160** | J | ug/m3 | 180 | 92 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Methylene Chloride | **0.47** | | ug/L | 0.13 | 0.010 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Methylene Chloride | **470** | | ug/m3 | 130 | 10 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| trans-1,2-Dichloroethene | **0.034** | J | ug/L | 0.059 | 0.012 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| trans-1,2-Dichloroethene | **34** | J | ug/m3 | 59 | 12 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| MTBE | ND | | ug/L | 0.054 | 0.011 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| MTBE | ND | | ug/m3 | 54 | 11 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| n-Hexane | **0.16** | | ug/L | 0.053 | 0.011 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| n-Hexane | **160** | | ug/m3 | 53 | 11 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1-Dichloroethane | **0.36** | | ug/L | 0.061 | 0.012 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1-Dichloroethane | **360** | | ug/m3 | 61 | 12 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-012 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.26 | 0.13 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 260 | 130 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| cis-1,2-Dichloroethene | **3.1** | | ug/L | 0.059 | 0.012 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| cis-1,2-Dichloroethene | **3,100** | | ug/m3 | 59 | 12 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 2-Butanone | ND | | ug/L | 0.22 | 0.11 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 2-Butanone | ND | | ug/m3 | 220 | 110 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.14 | 0.14 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 140 | 140 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Chloroform | ND | | ug/L | 0.073 | 0.015 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Chloroform | ND | | ug/m3 | 73 | 15 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.082 | 0.016 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 82 | 16 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Cyclohexane | ND | | ug/L | 0.052 | 0.010 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Cyclohexane | ND | | ug/m3 | 52 | 10 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.094 | 0.019 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 94 | 19 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Benzene | ND | | ug/L | 0.048 | 0.021 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Benzene | ND | | ug/m3 | 48 | 21 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.061 | 0.052 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 61 | 52 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| n-Heptane | ND | | ug/L | 0.061 | 0.012 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| n-Heptane | ND | | ug/m3 | 61 | 12 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Trichloroethene | **1.7** | | ug/L | 0.081 | 0.016 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Trichloroethene | **1,700** | | ug/m3 | 81 | 16 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.069 | 0.014 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 69 | 14 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.10 | 0.020 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 100 | 20 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.068 | 0.014 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 68 | 14 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.061 | 0.012 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 61 | 12 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Toluene | **0.029** | J | ug/L | 0.057 | 0.011 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Toluene | **29** | J | ug/m3 | 57 | 11 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.068 | 0.014 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 68 | 14 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.082 | 0.016 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 82 | 16 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Tetrachloroethene | **0.27** | | ug/L | 0.10 | 0.020 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Tetrachloroethene | **270** | | ug/m3 | 100 | 20 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 2-Hexanone | ND | | ug/L | 0.061 | 0.061 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 2-Hexanone | ND | | ug/m3 | 61 | 61 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.13 | 0.026 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 130 | 26 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.12 | 0.023 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 120 | 23 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 432616

| 432616-012 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.069 | 0.014 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Chlorobenzene | ND | | ug/m3 | 69 | 14 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Ethylbenzene | ND | | ug/L | 0.065 | 0.013 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Ethylbenzene | ND | | ug/m3 | 65 | 13 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| m,p-Xylenes | **0.023** | J | ug/L | 0.13 | 0.0019 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| m,p-Xylenes | **23** | J | ug/m3 | 130 | 1.9 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| o-Xylene | ND | | ug/L | 0.065 | 0.013 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| o-Xylene | ND | | ug/m3 | 65 | 13 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Styrene | ND | | ug/L | 0.064 | 0.013 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Styrene | ND | | ug/m3 | 64 | 13 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Bromoform | ND | | ug/L | 0.16 | 0.031 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Bromoform | ND | | ug/m3 | 160 | 31 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.10 | 0.021 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 100 | 21 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.074 | 0.015 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 74 | 15 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.074 | 0.015 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 74 | 15 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.18 | 0.015 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 180 | 15 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.090 | 0.018 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 90 | 18 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.090 | 0.018 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 90 | 18 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Benzyl chloride | ND | | ug/L | 0.19 | 0.016 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Benzyl chloride | ND | | ug/m3 | 190 | 16 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.090 | 0.018 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 90 | 18 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.56 | 0.022 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 560 | 22 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.16 | 0.032 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 160 | 32 | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Xylene (total) | **0.023** | J | ug/L | 0.065 | | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| Xylene (total) | **23** | J | ug/m3 | 65 | | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 84% | | %REC | 60-140 | | 75 | 251998 | 09/02/20 07:57 | 09/02/20 07:57 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-14-5'SV | Lab ID: 432616-013 | Collected: 08/22/20 10:30 |
|---|---|---|
| | Matrix: Air | |

| 432616-013 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.0086 | 0.0086 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 8.6 | 8.6 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Propylene | ND | | ug/L | 0.0041 | 0.00083 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Propylene | ND | | ug/m3 | 4.1 | 0.83 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Freon 12 | ND | | ug/L | 0.012 | 0.0024 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Freon 12 | ND | | ug/m3 | 12 | 2.4 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Freon 114 | ND | | ug/L | 0.017 | 0.0034 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Freon 114 | ND | | ug/m3 | 17 | 3.4 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Chloromethane | ND | | ug/L | 0.0050 | 0.00099 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Chloromethane | ND | | ug/m3 | 5.0 | 0.99 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.0061 | 0.0012 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 6.1 | 1.2 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.0053 | 0.0011 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 5.3 | 1.1 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Bromomethane | ND | | ug/L | 0.0093 | 0.0019 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Bromomethane | ND | | ug/m3 | 9.3 | 1.9 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Chloroethane | ND | | ug/L | 0.0063 | 0.0013 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Chloroethane | ND | | ug/m3 | 6.3 | 1.3 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Trichlorofluoromethane | **0.0054** | J | ug/L | 0.013 | 0.0027 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Trichlorofluoromethane | **5.4** | J | ug/m3 | 13 | 2.7 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1-Dichloroethene | **0.0040** | J | ug/L | 0.0095 | 0.0019 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1-Dichloroethene | **4.0** | J | ug/m3 | 9.5 | 1.9 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Freon 113 | **0.064** | | ug/L | 0.018 | 0.0037 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Freon 113 | **64** | | ug/m3 | 18 | 3.7 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Acetone | **0.065** | | ug/L | 0.057 | 0.014 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Acetone | **65** | | ug/m3 | 57 | 14 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Carbon Disulfide | **0.037** | | ug/L | 0.0075 | 0.0015 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Carbon Disulfide | **37** | | ug/m3 | 7.5 | 1.5 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.029 | 0.015 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 29 | 15 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Methylene Chloride | **0.0050** | J | ug/L | 0.021 | 0.0017 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Methylene Chloride | **5.0** | J | ug/m3 | 21 | 1.7 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.0095 | 0.0019 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 9.5 | 1.9 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| MTBE | ND | | ug/L | 0.0087 | 0.0017 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| MTBE | ND | | ug/m3 | 8.7 | 1.7 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| n-Hexane | **0.045** | | ug/L | 0.0085 | 0.0017 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| n-Hexane | **45** | | ug/m3 | 8.5 | 1.7 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1-Dichloroethane | **0.49** | | ug/L | 0.0097 | 0.0019 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1-Dichloroethane | **490** | | ug/m3 | 9.7 | 1.9 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-013 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.042 | 0.021 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 42 | 21 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| cis-1,2-Dichloroethene | **0.054** | | ug/L | 0.0095 | 0.0019 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| cis-1,2-Dichloroethene | **54** | | ug/m3 | 9.5 | 1.9 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 2-Butanone | **0.022** | J | ug/L | 0.035 | 0.018 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 2-Butanone | **22** | J | ug/m3 | 35 | 18 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.022 | 0.022 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 22 | 22 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Chloroform | **0.0059** | J | ug/L | 0.012 | 0.0023 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Chloroform | **5.9** | J | ug/m3 | 12 | 2.3 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1,1-Trichloroethane | **0.075** | | ug/L | 0.013 | 0.0026 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1,1-Trichloroethane | **75** | | ug/m3 | 13 | 2.6 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Cyclohexane | ND | | ug/L | 0.0083 | 0.0017 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Cyclohexane | ND | | ug/m3 | 8.3 | 1.7 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.015 | 0.0030 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 15 | 3.0 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Benzene | **0.095** | | ug/L | 0.0077 | 0.0033 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Benzene | **95** | | ug/m3 | 7.7 | 3.3 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.0097 | 0.0083 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 9.7 | 8.3 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| n-Heptane | **0.044** | | ug/L | 0.0098 | 0.0020 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| n-Heptane | **44** | | ug/m3 | 9.8 | 2.0 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Trichloroethene | **0.82** | | ug/L | 0.013 | 0.0026 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Trichloroethene | **820** | | ug/m3 | 13 | 2.6 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.011 | 0.0022 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 11 | 2.2 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.016 | 0.0032 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 16 | 3.2 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.011 | 0.0022 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 11 | 2.2 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.0098 | 0.0020 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 9.8 | 2.0 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Toluene | **0.039** | | ug/L | 0.0090 | 0.0018 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Toluene | **39** | | ug/m3 | 9.0 | 1.8 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.011 | 0.0022 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 11 | 2.2 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.013 | 0.0026 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 13 | 2.6 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Tetrachloroethene | **0.36** | | ug/L | 0.016 | 0.0033 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Tetrachloroethene | **360** | | ug/m3 | 16 | 3.3 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 2-Hexanone | ND | | ug/L | 0.0098 | 0.0098 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 2-Hexanone | ND | | ug/m3 | 9.8 | 9.8 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.020 | 0.0041 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 20 | 4.1 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.018 | 0.0037 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 18 | 3.7 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-013 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.011 | 0.0022 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Chlorobenzene | ND | | ug/m3 | 11 | 2.2 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Ethylbenzene | **0.10** | | ug/L | 0.010 | 0.0021 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Ethylbenzene | **100** | | ug/m3 | 10 | 2.1 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| m,p-Xylenes | **0.11** | | ug/L | 0.021 | 0.00030 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| m,p-Xylenes | **110** | | ug/m3 | 21 | 0.30 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| o-Xylene | **0.011** | | ug/L | 0.010 | 0.0021 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| o-Xylene | **11** | | ug/m3 | 10 | 2.1 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Styrene | **0.031** | | ug/L | 0.010 | 0.0020 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Styrene | **31** | | ug/m3 | 10 | 2.0 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Bromoform | ND | | ug/L | 0.025 | 0.0050 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Bromoform | ND | | ug/m3 | 25 | 5.0 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.016 | 0.0033 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 16 | 3.3 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 4-Ethyltoluene | **0.0034** | J | ug/L | 0.012 | 0.0024 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 4-Ethyltoluene | **3.4** | J | ug/m3 | 12 | 2.4 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,3,5-Trimethylbenzene | **0.013** | | ug/L | 0.012 | 0.0024 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,3,5-Trimethylbenzene | **13** | | ug/m3 | 12 | 2.4 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2,4-Trimethylbenzene | **0.019** | J | ug/L | 0.029 | 0.0024 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2,4-Trimethylbenzene | **19** | J | ug/m3 | 29 | 2.4 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.014 | 0.0029 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 14 | 2.9 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.014 | 0.0029 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 14 | 2.9 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Benzyl chloride | ND | | ug/L | 0.031 | 0.0025 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Benzyl chloride | ND | | ug/m3 | 31 | 2.5 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.014 | 0.0029 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 14 | 2.9 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.089 | 0.0036 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 89 | 3.6 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.026 | 0.0051 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 26 | 5.1 | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Xylene (total) | **0.12** | | ug/L | 0.010 | | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| Xylene (total) | **120** | | ug/m3 | 10 | | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 92% | | %REC | 60-140 | | 12 | 251998 | 09/02/20 08:41 | 09/02/20 08:41 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-14-15'SV | Lab ID: 432616-014 | Collected: 08/22/20 10:31 |
|---|---|---|
| | Matrix: Air | |

| 432616-014 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.0043 | 0.0043 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 4.3 | 4.3 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Propylene | ND | | ug/L | 0.0021 | 0.00041 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Propylene | ND | | ug/m3 | 2.1 | 0.41 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Freon 12 | ND | | ug/L | 0.0059 | 0.0012 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Freon 12 | ND | | ug/m3 | 5.9 | 1.2 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Freon 114 | ND | | ug/L | 0.0084 | 0.0017 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Freon 114 | ND | | ug/m3 | 8.4 | 1.7 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Chloromethane | ND | | ug/L | 0.0025 | 0.00050 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Chloromethane | ND | | ug/m3 | 2.5 | 0.50 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.0031 | 0.00061 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 3.1 | 0.61 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.0027 | 0.00053 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 2.7 | 0.53 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Bromomethane | ND | | ug/L | 0.0047 | 0.00093 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Bromomethane | ND | | ug/m3 | 4.7 | 0.93 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Chloroethane | ND | | ug/L | 0.0032 | 0.00063 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Chloroethane | ND | | ug/m3 | 3.2 | 0.63 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.0067 | 0.0013 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 6.7 | 1.3 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,1-Dichloroethene | **0.13** | | ug/L | 0.0048 | 0.00095 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,1-Dichloroethene | **130** | | ug/m3 | 4.8 | 0.95 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Freon 113 | **0.019** | | ug/L | 0.0092 | 0.0018 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Freon 113 | **19** | | ug/m3 | 9.2 | 1.8 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Acetone | **0.12** | | ug/L | 0.029 | 0.0071 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Acetone | **120** | | ug/m3 | 29 | 7.1 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.0037 | 0.00075 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 3.7 | 0.75 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.015 | 0.0074 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 15 | 7.4 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Methylene Chloride | **0.0059** | J | ug/L | 0.010 | 0.00083 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Methylene Chloride | **5.9** | J | ug/m3 | 10 | 0.83 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.0048 | 0.00095 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 4.8 | 0.95 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| MTBE | ND | | ug/L | 0.0043 | 0.00087 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| MTBE | ND | | ug/m3 | 4.3 | 0.87 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| n-Hexane | **0.0065** | | ug/L | 0.0042 | 0.00085 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| n-Hexane | **6.5** | | ug/m3 | 4.2 | 0.85 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,1-Dichloroethane | **1.4** | | ug/L | 0.024 | 0.0049 | 30 | 251998 | 09/02/20 13:52 | 09/02/20 13:52 | GVO |
| 1,1-Dichloroethane | **1,400** | | ug/m3 | 24 | 4.9 | 30 | 251998 | 09/02/20 13:52 | 09/02/20 13:52 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-014 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.021 | 0.011 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 21 | 11 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| cis-1,2-Dichloroethene | **1.1** | | ug/L | 0.024 | 0.0048 | 30 | 251998 | 09/02/20 13:52 | 09/02/20 13:52 | GVO |
| cis-1,2-Dichloroethene | **1,100** | | ug/m3 | 24 | 4.8 | 30 | 251998 | 09/02/20 13:52 | 09/02/20 13:52 | GVO |
| 2-Butanone | **0.033** | | ug/L | 0.018 | 0.0088 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 2-Butanone | **33** | | ug/m3 | 18 | 8.8 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.011 | 0.011 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 11 | 11 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Chloroform | ND | | ug/L | 0.0059 | 0.0012 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Chloroform | ND | | ug/m3 | 5.9 | 1.2 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,1,1-Trichloroethane | **0.0081** | | ug/L | 0.0065 | 0.0013 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,1,1-Trichloroethane | **8.1** | | ug/m3 | 6.5 | 1.3 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Cyclohexane | ND | | ug/L | 0.0041 | 0.00083 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Cyclohexane | ND | | ug/m3 | 4.1 | 0.83 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.0075 | 0.0015 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 7.5 | 1.5 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Benzene | **0.0067** | | ug/L | 0.0038 | 0.0016 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Benzene | **6.7** | | ug/m3 | 3.8 | 1.6 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.0049 | 0.0041 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 4.9 | 4.1 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| n-Heptane | ND | | ug/L | 0.0049 | 0.00098 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| n-Heptane | ND | | ug/m3 | 4.9 | 0.98 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Trichloroethene | **3.3** | | ug/L | 0.032 | 0.0064 | 30 | 251998 | 09/02/20 13:52 | 09/02/20 13:52 | GVO |
| Trichloroethene | **3,300** | | ug/m3 | 32 | 6.4 | 30 | 251998 | 09/02/20 13:52 | 09/02/20 13:52 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.0055 | 0.0011 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 5.5 | 1.1 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.0080 | 0.0016 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 8.0 | 1.6 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.0054 | 0.0011 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 5.4 | 1.1 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.0049 | 0.00098 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 4.9 | 0.98 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Toluene | **0.011** | | ug/L | 0.0045 | 0.00090 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Toluene | **11** | | ug/m3 | 4.5 | 0.90 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.0054 | 0.0011 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 5.4 | 1.1 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.0065 | 0.0013 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 6.5 | 1.3 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Tetrachloroethene | **0.12** | | ug/L | 0.0081 | 0.0016 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Tetrachloroethene | **120** | | ug/m3 | 8.1 | 1.6 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 2-Hexanone | ND | | ug/L | 0.0049 | 0.0049 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 2-Hexanone | ND | | ug/m3 | 4.9 | 4.9 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.010 | 0.0020 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 10 | 2.0 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.0092 | 0.0018 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 9.2 | 1.8 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-014 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.0055 | 0.0011 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Chlorobenzene | ND | | ug/m3 | 5.5 | 1.1 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Ethylbenzene | **0.16** | | ug/L | 0.0052 | 0.0010 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Ethylbenzene | **160** | | ug/m3 | 5.2 | 1.0 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| m,p-Xylenes | **0.39** | | ug/L | 0.010 | 0.00015 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| m,p-Xylenes | **390** | | ug/m3 | 10 | 0.15 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| o-Xylene | **0.10** | | ug/L | 0.0052 | 0.0010 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| o-Xylene | **100** | | ug/m3 | 5.2 | 1.0 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Styrene | **0.0088** | | ug/L | 0.0051 | 0.0010 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Styrene | **8.8** | | ug/m3 | 5.1 | 1.0 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Bromoform | ND | | ug/L | 0.012 | 0.0025 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Bromoform | ND | | ug/m3 | 12 | 2.5 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.0082 | 0.0016 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 8.2 | 1.6 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 4-Ethyltoluene | **0.0048** | J | ug/L | 0.0059 | 0.0012 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 4-Ethyltoluene | **4.8** | J | ug/m3 | 5.9 | 1.2 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,3,5-Trimethylbenzene | **0.010** | | ug/L | 0.0059 | 0.0012 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,3,5-Trimethylbenzene | **10** | | ug/m3 | 5.9 | 1.2 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2,4-Trimethylbenzene | **0.015** | | ug/L | 0.015 | 0.0012 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2,4-Trimethylbenzene | **15** | | ug/m3 | 15 | 1.2 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.0072 | 0.0014 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 7.2 | 1.4 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.0072 | 0.0014 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 7.2 | 1.4 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Benzyl chloride | ND | | ug/L | 0.016 | 0.0012 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Benzyl chloride | ND | | ug/m3 | 16 | 1.2 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.0072 | 0.0014 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 7.2 | 1.4 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.045 | 0.0018 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 45 | 1.8 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.013 | 0.0026 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 13 | 2.6 | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Xylene (total) | **0.49** | | ug/L | 0.0052 | | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| Xylene (total) | **490** | | ug/m3 | 5.2 | | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 107% | | %REC | 60-140 | | 6 | 251998 | 09/02/20 09:25 | 09/02/20 09:25 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-22-5'SV | Lab ID: 432616-015 | Collected: 08/22/20 12:08 |
|---|---|---|
| | Matrix: Air | |

| 432616-015 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 1.1 | 1.1 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 1,100 | 1,100 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Propylene | ND | | ug/L | 0.52 | 0.10 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Propylene | ND | | ug/m3 | 520 | 100 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Freon 12 | ND | | ug/L | 1.5 | 0.30 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Freon 12 | ND | | ug/m3 | 1,500 | 300 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Freon 114 | ND | | ug/L | 2.1 | 0.42 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Freon 114 | ND | | ug/m3 | 2,100 | 420 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Chloromethane | ND | | ug/L | 0.62 | 0.12 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Chloromethane | ND | | ug/m3 | 620 | 120 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.77 | 0.15 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 770 | 150 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.66 | 0.13 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 660 | 130 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Bromomethane | ND | | ug/L | 1.2 | 0.23 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Bromomethane | ND | | ug/m3 | 1,200 | 230 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Chloroethane | ND | | ug/L | 0.79 | 0.16 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Chloroethane | ND | | ug/m3 | 790 | 160 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 1.7 | 0.34 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 1,700 | 340 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 1.2 | 0.24 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 1,200 | 240 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Freon 113 | ND | | ug/L | 2.3 | 0.46 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Freon 113 | ND | | ug/m3 | 2,300 | 460 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Acetone | **3.6** | J | ug/L | 7.1 | 1.8 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Acetone | **3,600** | J | ug/m3 | 7,100 | 1,800 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.93 | 0.19 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 930 | 190 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 3.7 | 1.8 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 3,700 | 1,800 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Methylene Chloride | **5.6** | | ug/L | 2.6 | 0.21 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Methylene Chloride | **5,600** | | ug/m3 | 2,600 | 210 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 1.2 | 0.24 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 1,200 | 240 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| MTBE | ND | | ug/L | 1.1 | 0.22 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| MTBE | ND | | ug/m3 | 1,100 | 220 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| n-Hexane | **38** | | ug/L | 1.1 | 0.21 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| n-Hexane | **38,000** | | ug/m3 | 1,100 | 210 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1-Dichloroethane | **0.54** | J | ug/L | 1.2 | 0.24 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1-Dichloroethane | **540** | J | ug/m3 | 1,200 | 240 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-015 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 5.3 | 2.6 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 5,300 | 2,600 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| cis-1,2-Dichloroethene | **0.33** | J | ug/L | 1.2 | 0.24 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| cis-1,2-Dichloroethene | **330** | J | ug/m3 | 1,200 | 240 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 2-Butanone | ND | | ug/L | 4.4 | 2.2 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 2-Butanone | ND | | ug/m3 | 4,400 | 2,200 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Ethyl Acetate | ND | | ug/L | 2.7 | 2.7 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 2,700 | 2,700 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Chloroform | ND | | ug/L | 1.5 | 0.29 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Chloroform | ND | | ug/m3 | 1,500 | 290 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 1.6 | 0.33 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 1,600 | 330 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Cyclohexane | **8.4** | | ug/L | 1.0 | 0.21 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Cyclohexane | **8,400** | | ug/m3 | 1,000 | 210 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 1.9 | 0.38 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 1,900 | 380 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Benzene | ND | | ug/L | 0.96 | 0.41 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Benzene | ND | | ug/m3 | 960 | 410 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 1.2 | 1.0 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 1,200 | 1,000 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| n-Heptane | **41** | | ug/L | 1.2 | 0.25 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| n-Heptane | **41,000** | | ug/m3 | 1,200 | 250 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Trichloroethene | **0.32** | J | ug/L | 1.6 | 0.32 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Trichloroethene | **320** | J | ug/m3 | 1,600 | 320 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 1.4 | 0.28 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 1,400 | 280 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Bromodichloromethane | ND | | ug/L | 2.0 | 0.40 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 2,000 | 400 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 1.4 | 0.27 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 1,400 | 270 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 1.2 | 0.25 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 1,200 | 250 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Toluene | ND | | ug/L | 1.1 | 0.23 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Toluene | ND | | ug/m3 | 1,100 | 230 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 1.4 | 0.27 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 1,400 | 270 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 1.6 | 0.33 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 1,600 | 330 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Tetrachloroethene | ND | | ug/L | 2.0 | 0.41 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Tetrachloroethene | ND | | ug/m3 | 2,000 | 410 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 2-Hexanone | ND | | ug/L | 1.2 | 1.2 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 2-Hexanone | ND | | ug/m3 | 1,200 | 1,200 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Dibromochloromethane | ND | | ug/L | 2.6 | 0.51 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 2,600 | 510 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 2.3 | 0.46 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 2,300 | 460 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-015 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 1.4 | 0.28 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Chlorobenzene | ND | | ug/m3 | 1,400 | 280 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Ethylbenzene | ND | | ug/L | 1.3 | 0.26 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Ethylbenzene | ND | | ug/m3 | 1,300 | 260 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| m,p-Xylenes | **0.16** | J | ug/L | 2.6 | 0.038 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| m,p-Xylenes | **160** | J | ug/m3 | 2,600 | 38 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| o-Xylene | ND | | ug/L | 1.3 | 0.26 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| o-Xylene | ND | | ug/m3 | 1,300 | 260 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Styrene | ND | | ug/L | 1.3 | 0.26 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Styrene | ND | | ug/m3 | 1,300 | 260 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Bromoform | ND | | ug/L | 3.1 | 0.62 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Bromoform | ND | | ug/m3 | 3,100 | 620 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.1 | 0.41 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 2,100 | 410 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 1.5 | 0.29 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 1,500 | 290 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 1.5 | 0.29 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 1,500 | 290 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 3.7 | 0.29 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 3,700 | 290 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 1.8 | 0.36 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 1,800 | 360 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 1.8 | 0.36 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 1,800 | 360 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Benzyl chloride | ND | | ug/L | 3.9 | 0.31 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Benzyl chloride | ND | | ug/m3 | 3,900 | 310 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 1.8 | 0.36 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 1,800 | 360 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 11 | 0.45 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 11,000 | 450 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 3.2 | 0.64 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 3,200 | 640 | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Xylene (total) | **0.16** | J | ug/L | 1.3 | | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| Xylene (total) | **160** | J | ug/m3 | 1,300 | | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 84% | | %REC | 60-140 | | 1500 | 252091 | 09/02/20 17:36 | 09/02/20 17:36 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-22-15'SV | Lab ID: 432616-016 | Collected: 08/22/20 11:59 |
|---|---|---|
| | Matrix: Air | |

| 432616-016 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.022 | 0.022 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 22 | 22 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Propylene | ND | | ug/L | 0.010 | 0.0021 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Propylene | ND | | ug/m3 | 10 | 2.1 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Freon 12 | ND | | ug/L | 0.030 | 0.0059 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Freon 12 | ND | | ug/m3 | 30 | 5.9 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Freon 114 | ND | | ug/L | 0.042 | 0.0084 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Freon 114 | ND | | ug/m3 | 42 | 8.4 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Chloromethane | ND | | ug/L | 0.012 | 0.0025 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Chloromethane | ND | | ug/m3 | 12 | 2.5 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.015 | 0.0031 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 15 | 3.1 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.013 | 0.0027 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 13 | 2.7 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Bromomethane | ND | | ug/L | 0.023 | 0.0047 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Bromomethane | ND | | ug/m3 | 23 | 4.7 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Chloroethane | ND | | ug/L | 0.016 | 0.0032 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Chloroethane | ND | | ug/m3 | 16 | 3.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.034 | 0.0067 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 34 | 6.7 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1-Dichloroethene | **0.016** | J | ug/L | 0.024 | 0.0048 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1-Dichloroethene | **16** | J | ug/m3 | 24 | 4.8 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Freon 113 | **0.015** | J | ug/L | 0.046 | 0.0092 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Freon 113 | **15** | J | ug/m3 | 46 | 9.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Acetone | **0.079** | J | ug/L | 0.14 | 0.036 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Acetone | **79** | J | ug/m3 | 140 | 36 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.019 | 0.0037 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 19 | 3.7 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.074 | 0.037 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 74 | 37 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Methylene Chloride | **0.0054** | J | ug/L | 0.052 | 0.0042 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Methylene Chloride | **5.4** | J | ug/m3 | 52 | 4.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| MTBE | ND | | ug/L | 0.022 | 0.0043 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| MTBE | ND | | ug/m3 | 22 | 4.3 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| n-Hexane | **0.022** | | ug/L | 0.021 | 0.0042 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| n-Hexane | **22** | | ug/m3 | 21 | 4.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1-Dichloroethane | **1.8** | | ug/L | 0.024 | 0.0049 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1-Dichloroethane | **1,800** | | ug/m3 | 24 | 4.9 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-016 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.11 | 0.053 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 110 | 53 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| cis-1,2-Dichloroethene | **0.12** | | ug/L | 0.024 | 0.0048 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| cis-1,2-Dichloroethene | **120** | | ug/m3 | 24 | 4.8 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 2-Butanone | ND | | ug/L | 0.088 | 0.044 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 2-Butanone | ND | | ug/m3 | 88 | 44 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.054 | 0.054 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 54 | 54 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Chloroform | ND | | ug/L | 0.029 | 0.0059 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Chloroform | ND | | ug/m3 | 29 | 5.9 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Cyclohexane | ND | | ug/L | 0.021 | 0.0041 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Cyclohexane | ND | | ug/m3 | 21 | 4.1 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.038 | 0.0075 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 38 | 7.5 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Benzene | **0.015** | J | ug/L | 0.019 | 0.0082 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Benzene | **15** | J | ug/m3 | 19 | 8.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.024 | 0.021 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 24 | 21 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| n-Heptane | ND | | ug/L | 0.025 | 0.0049 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| n-Heptane | ND | | ug/m3 | 25 | 4.9 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Trichloroethene | **2.1** | | ug/L | 0.032 | 0.0064 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Trichloroethene | **2,100** | | ug/m3 | 32 | 6.4 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.028 | 0.0055 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 28 | 5.5 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.040 | 0.0080 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 40 | 8.0 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.025 | 0.0049 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 25 | 4.9 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Toluene | **0.018** | J | ug/L | 0.023 | 0.0045 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Toluene | **18** | J | ug/m3 | 23 | 4.5 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Tetrachloroethene | **0.53** | | ug/L | 0.041 | 0.0081 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Tetrachloroethene | **530** | | ug/m3 | 41 | 8.1 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 2-Hexanone | ND | | ug/L | 0.025 | 0.025 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 2-Hexanone | ND | | ug/m3 | 25 | 25 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.051 | 0.010 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 51 | 10 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.046 | 0.0092 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 46 | 9.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-016 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.028 | 0.0055 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Chlorobenzene | ND | | ug/m3 | 28 | 5.5 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Ethylbenzene | ND | | ug/L | 0.026 | 0.0052 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Ethylbenzene | ND | | ug/m3 | 26 | 5.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| m,p-Xylenes | **0.0075** | J | ug/L | 0.052 | 0.00076 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| m,p-Xylenes | **7.5** | J | ug/m3 | 52 | 0.76 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| o-Xylene | ND | | ug/L | 0.026 | 0.0052 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| o-Xylene | ND | | ug/m3 | 26 | 5.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Styrene | ND | | ug/L | 0.026 | 0.0051 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Styrene | ND | | ug/m3 | 26 | 5.1 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Bromoform | ND | | ug/L | 0.062 | 0.012 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Bromoform | ND | | ug/m3 | 62 | 12 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.041 | 0.0082 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 41 | 8.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.029 | 0.0059 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 29 | 5.9 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.029 | 0.0059 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 29 | 5.9 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2,4-Trimethylbenzene | **0.010** | J | ug/L | 0.074 | 0.0059 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2,4-Trimethylbenzene | **10** | J | ug/m3 | 74 | 5.9 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Benzyl chloride | ND | | ug/L | 0.078 | 0.0062 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Benzyl chloride | ND | | ug/m3 | 78 | 6.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.22 | 0.0089 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 220 | 8.9 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.064 | 0.013 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 64 | 13 | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Xylene (total) | **0.0075** | J | ug/L | 0.026 | | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| Xylene (total) | **7.5** | J | ug/m3 | 26 | | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 90% | | %REC | 60-140 | | 30 | 251998 | 09/02/20 11:37 | 09/02/20 11:37 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-16-5'SV | Lab ID: 432616-017 | Collected: 08/22/20 10:53 |
|---|---|---|
| | Matrix: Air | |

| 432616-017 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.050 | 0.050 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 50 | 50 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Propylene | ND | | ug/L | 0.024 | 0.0048 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Propylene | ND | | ug/m3 | 24 | 4.8 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Freon 12 | ND | | ug/L | 0.069 | 0.014 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Freon 12 | ND | | ug/m3 | 69 | 14 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Freon 114 | ND | | ug/L | 0.098 | 0.020 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Freon 114 | ND | | ug/m3 | 98 | 20 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Chloromethane | ND | | ug/L | 0.029 | 0.0058 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Chloromethane | ND | | ug/m3 | 29 | 5.8 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.036 | 0.0072 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 36 | 7.2 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.031 | 0.0062 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 31 | 6.2 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Bromomethane | ND | | ug/L | 0.054 | 0.011 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Bromomethane | ND | | ug/m3 | 54 | 11 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Chloroethane | ND | | ug/L | 0.037 | 0.0074 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Chloroethane | ND | | ug/m3 | 37 | 7.4 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.079 | 0.016 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 79 | 16 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1-Dichloroethene | **0.038** | J | ug/L | 0.056 | 0.011 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1-Dichloroethene | **38** | J | ug/m3 | 56 | 11 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Freon 113 | **0.051** | J | ug/L | 0.11 | 0.021 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Freon 113 | **51** | J | ug/m3 | 110 | 21 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Acetone | **0.25** | J | ug/L | 0.33 | 0.083 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Acetone | **250** | J | ug/m3 | 330 | 83 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.044 | 0.0087 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 44 | 8.7 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.17 | 0.086 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 170 | 86 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Methylene Chloride | **0.017** | J | ug/L | 0.12 | 0.0097 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Methylene Chloride | **17** | J | ug/m3 | 120 | 9.7 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.056 | 0.011 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 56 | 11 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| MTBE | **0.12** | | ug/L | 0.050 | 0.010 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| MTBE | **120** | | ug/m3 | 50 | 10 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| n-Hexane | **0.35** | | ug/L | 0.049 | 0.0099 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| n-Hexane | **350** | | ug/m3 | 49 | 9.9 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1-Dichloroethane | **1.7** | | ug/L | 0.057 | 0.011 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1-Dichloroethane | **1,700** | | ug/m3 | 57 | 11 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-017 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.25 | 0.12 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 250 | 120 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| cis-1,2-Dichloroethene | **0.90** | | ug/L | 0.056 | 0.011 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| cis-1,2-Dichloroethene | **900** | | ug/m3 | 56 | 11 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 2-Butanone | ND | | ug/L | 0.21 | 0.10 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 2-Butanone | ND | | ug/m3 | 210 | 100 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.13 | 0.13 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 130 | 130 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Chloroform | ND | | ug/L | 0.068 | 0.014 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Chloroform | ND | | ug/m3 | 68 | 14 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.076 | 0.015 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 76 | 15 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Cyclohexane | **0.58** | | ug/L | 0.048 | 0.0096 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Cyclohexane | **580** | | ug/m3 | 48 | 9.6 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.088 | 0.018 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 88 | 18 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Benzene | **0.17** | | ug/L | 0.045 | 0.019 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Benzene | **170** | | ug/m3 | 45 | 19 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.057 | 0.048 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 57 | 48 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| n-Heptane | **2.5** | | ug/L | 0.057 | 0.011 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| n-Heptane | **2,500** | | ug/m3 | 57 | 11 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Trichloroethene | **0.66** | | ug/L | 0.075 | 0.015 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Trichloroethene | **660** | | ug/m3 | 75 | 15 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2-Dichloropropane | **0.025** | J | ug/L | 0.065 | 0.013 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2-Dichloropropane | **25** | J | ug/m3 | 65 | 13 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.094 | 0.019 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 94 | 19 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.064 | 0.013 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 64 | 13 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.057 | 0.011 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 57 | 11 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Toluene | **0.10** | | ug/L | 0.053 | 0.011 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Toluene | **100** | | ug/m3 | 53 | 11 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.064 | 0.013 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 64 | 13 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.076 | 0.015 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 76 | 15 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Tetrachloroethene | **0.11** | | ug/L | 0.095 | 0.019 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Tetrachloroethene | **110** | | ug/m3 | 95 | 19 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 2-Hexanone | ND | | ug/L | 0.057 | 0.057 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 2-Hexanone | ND | | ug/m3 | 57 | 57 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.12 | 0.024 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 120 | 24 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.11 | 0.022 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 110 | 22 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-017 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.064 | 0.013 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Chlorobenzene | ND | | ug/m3 | 64 | 13 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Ethylbenzene | **0.11** | | ug/L | 0.061 | 0.012 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Ethylbenzene | **110** | | ug/m3 | 61 | 12 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| m,p-Xylenes | **0.57** | | ug/L | 0.12 | 0.0018 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| m,p-Xylenes | **570** | | ug/m3 | 120 | 1.8 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| o-Xylene | **0.17** | | ug/L | 0.061 | 0.012 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| o-Xylene | **170** | | ug/m3 | 61 | 12 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Styrene | ND | | ug/L | 0.060 | 0.012 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Styrene | ND | | ug/m3 | 60 | 12 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Bromoform | ND | | ug/L | 0.14 | 0.029 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Bromoform | ND | | ug/m3 | 140 | 29 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.096 | 0.019 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 96 | 19 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 4-Ethyltoluene | **0.034** | J | ug/L | 0.069 | 0.014 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 4-Ethyltoluene | **34** | J | ug/m3 | 69 | 14 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,3,5-Trimethylbenzene | **0.040** | J | ug/L | 0.069 | 0.014 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,3,5-Trimethylbenzene | **40** | J | ug/m3 | 69 | 14 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2,4-Trimethylbenzene | **0.052** | J | ug/L | 0.17 | 0.014 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2,4-Trimethylbenzene | **52** | J | ug/m3 | 170 | 14 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.084 | 0.017 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 84 | 17 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.084 | 0.017 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 84 | 17 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Benzyl chloride | ND | | ug/L | 0.18 | 0.014 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Benzyl chloride | ND | | ug/m3 | 180 | 14 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.084 | 0.017 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 84 | 17 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.52 | 0.021 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 520 | 21 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.15 | 0.030 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 150 | 30 | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Xylene (total) | **0.73** | | ug/L | 0.061 | | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| Xylene (total) | **730** | | ug/m3 | 61 | | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 95% | | %REC | 60-140 | | 70 | 251998 | 09/02/20 12:21 | 09/02/20 12:21 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-16-15'SV | Lab ID: 432616-018 | Collected: 08/22/20 10:54 |
|---|---|---|
| | Matrix: Air | |

| 432616-018 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.086 | 0.086 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 86 | 86 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Propylene | ND | | ug/L | 0.041 | 0.0083 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Propylene | ND | | ug/m3 | 41 | 8.3 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Freon 12 | ND | | ug/L | 0.12 | 0.024 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Freon 12 | ND | | ug/m3 | 120 | 24 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Freon 114 | ND | | ug/L | 0.17 | 0.034 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Freon 114 | ND | | ug/m3 | 170 | 34 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Chloromethane | ND | | ug/L | 0.050 | 0.0099 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Chloromethane | ND | | ug/m3 | 50 | 9.9 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.061 | 0.012 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 61 | 12 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.053 | 0.011 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 53 | 11 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Bromomethane | ND | | ug/L | 0.093 | 0.019 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Bromomethane | ND | | ug/m3 | 93 | 19 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Chloroethane | ND | | ug/L | 0.063 | 0.013 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Chloroethane | ND | | ug/m3 | 63 | 13 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.13 | 0.027 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 130 | 27 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1-Dichloroethene | **0.19** | | ug/L | 0.095 | 0.019 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1-Dichloroethene | **190** | | ug/m3 | 95 | 19 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Freon 113 | ND | | ug/L | 0.18 | 0.037 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Freon 113 | ND | | ug/m3 | 180 | 37 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Acetone | **0.70** | | ug/L | 0.57 | 0.14 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Acetone | **700** | | ug/m3 | 570 | 140 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.075 | 0.015 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 75 | 15 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.29 | 0.15 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 290 | 150 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Methylene Chloride | **2.0** | | ug/L | 0.21 | 0.017 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Methylene Chloride | **2,000** | | ug/m3 | 210 | 17 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| trans-1,2-Dichloroethene | **0.051** | J | ug/L | 0.095 | 0.019 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| trans-1,2-Dichloroethene | **51** | J | ug/m3 | 95 | 19 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| MTBE | **0.15** | | ug/L | 0.087 | 0.017 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| MTBE | **150** | | ug/m3 | 87 | 17 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| n-Hexane | **0.27** | | ug/L | 0.085 | 0.017 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| n-Hexane | **270** | | ug/m3 | 85 | 17 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1-Dichloroethane | **3.6** | | ug/L | 0.097 | 0.019 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1-Dichloroethane | **3,600** | | ug/m3 | 97 | 19 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-018 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.42 | 0.21 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 420 | 210 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| cis-1,2-Dichloroethene | **5.0** | | ug/L | 0.095 | 0.019 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| cis-1,2-Dichloroethene | **5,000** | | ug/m3 | 95 | 19 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 2-Butanone | ND | | ug/L | 0.35 | 0.18 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 2-Butanone | ND | | ug/m3 | 350 | 180 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.22 | 0.22 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 220 | 220 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Chloroform | ND | | ug/L | 0.12 | 0.023 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Chloroform | ND | | ug/m3 | 120 | 23 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.13 | 0.026 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 130 | 26 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Cyclohexane | ND | | ug/L | 0.083 | 0.017 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Cyclohexane | ND | | ug/m3 | 83 | 17 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.15 | 0.030 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 150 | 30 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Benzene | **0.054** | J | ug/L | 0.077 | 0.033 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Benzene | **54** | J | ug/m3 | 77 | 33 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.097 | 0.083 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 97 | 83 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| n-Heptane | **0.18** | | ug/L | 0.098 | 0.020 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| n-Heptane | **180** | | ug/m3 | 98 | 20 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Trichloroethene | **1.9** | | ug/L | 0.13 | 0.026 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Trichloroethene | **1,900** | | ug/m3 | 130 | 26 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.11 | 0.022 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 110 | 22 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.16 | 0.032 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 160 | 32 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.11 | 0.022 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 110 | 22 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.098 | 0.020 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 98 | 20 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Toluene | **0.031** | J | ug/L | 0.090 | 0.018 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Toluene | **31** | J | ug/m3 | 90 | 18 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.11 | 0.022 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 110 | 22 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.13 | 0.026 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 130 | 26 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Tetrachloroethene | **0.10** | J | ug/L | 0.16 | 0.033 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Tetrachloroethene | **100** | J | ug/m3 | 160 | 33 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 2-Hexanone | ND | | ug/L | 0.098 | 0.098 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 2-Hexanone | ND | | ug/m3 | 98 | 98 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.20 | 0.041 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 200 | 41 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.18 | 0.037 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 180 | 37 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-018 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.11 | 0.022 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Chlorobenzene | ND | | ug/m3 | 110 | 22 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Ethylbenzene | ND | | ug/L | 0.10 | 0.021 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Ethylbenzene | ND | | ug/m3 | 100 | 21 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| m,p-Xylenes | **0.023** | J | ug/L | 0.21 | 0.0030 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| m,p-Xylenes | **23** | J | ug/m3 | 210 | 3.0 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| o-Xylene | ND | | ug/L | 0.10 | 0.021 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| o-Xylene | ND | | ug/m3 | 100 | 21 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Styrene | ND | | ug/L | 0.10 | 0.020 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Styrene | ND | | ug/m3 | 100 | 20 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Bromoform | ND | | ug/L | 0.25 | 0.050 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Bromoform | ND | | ug/m3 | 250 | 50 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.16 | 0.033 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 160 | 33 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.12 | 0.024 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 120 | 24 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.12 | 0.024 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 120 | 24 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.29 | 0.024 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 290 | 24 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.14 | 0.029 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 140 | 29 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.14 | 0.029 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 140 | 29 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Benzyl chloride | ND | | ug/L | 0.31 | 0.025 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Benzyl chloride | ND | | ug/m3 | 310 | 25 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.14 | 0.029 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 140 | 29 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.89 | 0.036 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 890 | 36 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.26 | 0.051 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 260 | 51 | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Xylene (total) | **0.023** | J | ug/L | 0.10 | | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| Xylene (total) | **23** | J | ug/m3 | 100 | | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 87% | | %REC | 60-140 | | 120 | 252091 | 09/02/20 18:20 | 09/02/20 18:20 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-17-5'SV | Lab ID: 432616-019 | Collected: 08/22/20 11:26 |
|---|---|---|
| | Matrix: Air | |

| 432616-019 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.17 | 0.17 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 170 | 170 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Propylene | **1.4** | | ug/L | 0.083 | 0.017 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Propylene | **1,400** | | ug/m3 | 83 | 17 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Freon 12 | ND | | ug/L | 0.24 | 0.047 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Freon 12 | ND | | ug/m3 | 240 | 47 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Freon 114 | ND | | ug/L | 0.34 | 0.067 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Freon 114 | ND | | ug/m3 | 340 | 67 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Chloromethane | ND | | ug/L | 0.099 | 0.020 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Chloromethane | ND | | ug/m3 | 99 | 20 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Vinyl Chloride | **0.51** | | ug/L | 0.12 | 0.025 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Vinyl Chloride | **510** | | ug/m3 | 120 | 25 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.11 | 0.021 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 110 | 21 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Bromomethane | ND | | ug/L | 0.19 | 0.037 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Bromomethane | ND | | ug/m3 | 190 | 37 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Chloroethane | **0.18** | | ug/L | 0.13 | 0.025 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Chloroethane | **180** | | ug/m3 | 130 | 25 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.27 | 0.054 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 270 | 54 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.19 | 0.038 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 190 | 38 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Freon 113 | ND | | ug/L | 0.37 | 0.074 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Freon 113 | ND | | ug/m3 | 370 | 74 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Acetone | **3.6** | | ug/L | 1.1 | 0.29 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Acetone | **3,600** | | ug/m3 | 1,100 | 290 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Carbon Disulfide | **0.70** | | ug/L | 0.15 | 0.030 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Carbon Disulfide | **700** | | ug/m3 | 150 | 30 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Isopropanol (IPA) | **0.31** | J | ug/L | 0.59 | 0.29 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Isopropanol (IPA) | **310** | J | ug/m3 | 590 | 290 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Methylene Chloride | **2.7** | | ug/L | 0.42 | 0.033 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Methylene Chloride | **2,700** | | ug/m3 | 420 | 33 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.19 | 0.038 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 190 | 38 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| MTBE | **1.6** | | ug/L | 0.17 | 0.035 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| MTBE | **1,600** | | ug/m3 | 170 | 35 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| n-Hexane | **0.43** | | ug/L | 0.17 | 0.034 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| n-Hexane | **430** | | ug/m3 | 170 | 34 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1-Dichloroethane | **5.1** | | ug/L | 0.19 | 0.039 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1-Dichloroethane | **5,100** | | ug/m3 | 190 | 39 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-019 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.85 | 0.42 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 850 | 420 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| cis-1,2-Dichloroethene | **0.72** | | ug/L | 0.19 | 0.038 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| cis-1,2-Dichloroethene | **720** | | ug/m3 | 190 | 38 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 2-Butanone | **0.51** | J | ug/L | 0.71 | 0.35 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 2-Butanone | **510** | J | ug/m3 | 710 | 350 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.43 | 0.43 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 430 | 430 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Chloroform | ND | | ug/L | 0.23 | 0.047 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Chloroform | ND | | ug/m3 | 230 | 47 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.26 | 0.052 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 260 | 52 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Cyclohexane | **0.83** | | ug/L | 0.17 | 0.033 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Cyclohexane | **830** | | ug/m3 | 170 | 33 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.30 | 0.060 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 300 | 60 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Benzene | **0.19** | | ug/L | 0.15 | 0.066 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Benzene | **190** | | ug/m3 | 150 | 66 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.19 | 0.17 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 190 | 170 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| n-Heptane | **1.2** | | ug/L | 0.20 | 0.039 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| n-Heptane | **1,200** | | ug/m3 | 200 | 39 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Trichloroethene | **2.4** | | ug/L | 0.26 | 0.052 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Trichloroethene | **2,400** | | ug/m3 | 260 | 52 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.22 | 0.044 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 220 | 44 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Bromodichloromethane | **0.19** | J | ug/L | 0.32 | 0.064 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Bromodichloromethane | **190** | J | ug/m3 | 320 | 64 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.22 | 0.044 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 220 | 44 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.20 | 0.039 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 200 | 39 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Toluene | **6.2** | | ug/L | 0.18 | 0.036 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Toluene | **6,200** | | ug/m3 | 180 | 36 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.22 | 0.044 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 220 | 44 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.26 | 0.052 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 260 | 52 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Tetrachloroethene | **0.74** | | ug/L | 0.33 | 0.065 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Tetrachloroethene | **740** | | ug/m3 | 330 | 65 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 2-Hexanone | ND | | ug/L | 0.20 | 0.20 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 2-Hexanone | ND | | ug/m3 | 200 | 200 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.41 | 0.082 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 410 | 82 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.37 | 0.074 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 370 | 74 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-019 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.22 | 0.044 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Chlorobenzene | ND | | ug/m3 | 220 | 44 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Ethylbenzene | **4.9** | | ug/L | 0.21 | 0.042 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Ethylbenzene | **4,900** | | ug/m3 | 210 | 42 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| m,p-Xylenes | **4.1** | | ug/L | 0.42 | 0.0060 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| m,p-Xylenes | **4,100** | | ug/m3 | 420 | 6.0 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| o-Xylene | **2.0** | | ug/L | 0.21 | 0.042 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| o-Xylene | **2,000** | | ug/m3 | 210 | 42 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Styrene | ND | | ug/L | 0.20 | 0.041 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Styrene | ND | | ug/m3 | 200 | 41 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Bromoform | ND | | ug/L | 0.50 | 0.099 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Bromoform | ND | | ug/m3 | 500 | 99 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.33 | 0.066 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 330 | 66 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 4-Ethyltoluene | **0.22** | J | ug/L | 0.24 | 0.047 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 4-Ethyltoluene | **220** | J | ug/m3 | 240 | 47 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,3,5-Trimethylbenzene | **0.39** | | ug/L | 0.24 | 0.047 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,3,5-Trimethylbenzene | **390** | | ug/m3 | 240 | 47 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2,4-Trimethylbenzene | **0.51** | J | ug/L | 0.59 | 0.047 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2,4-Trimethylbenzene | **510** | J | ug/m3 | 590 | 47 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.29 | 0.058 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 290 | 58 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.29 | 0.058 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 290 | 58 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Benzyl chloride | ND | | ug/L | 0.62 | 0.050 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Benzyl chloride | ND | | ug/m3 | 620 | 50 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.29 | 0.058 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 290 | 58 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 1.8 | 0.071 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 1,800 | 71 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.51 | 0.10 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 510 | 100 | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Xylene (total) | **6.1** | | ug/L | 0.21 | | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| Xylene (total) | **6,100** | | ug/m3 | 210 | | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 90% | | %REC | 60-140 | | 240 | 252091 | 09/02/20 19:04 | 09/02/20 19:04 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-17-15'SV | Lab ID: 432616-020 | Collected: 08/22/20 11:25 |
|---|---|---|
| | Matrix: Air | |

| 432616-020 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | **0.045** | | ug/L | 0.022 | 0.022 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,4-Dioxane | **45** | | ug/m3 | 22 | 22 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Propylene | ND | | ug/L | 0.010 | 0.0021 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Propylene | ND | | ug/m3 | 10 | 2.1 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Freon 12 | ND | | ug/L | 0.030 | 0.0059 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Freon 12 | ND | | ug/m3 | 30 | 5.9 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Freon 114 | ND | | ug/L | 0.042 | 0.0084 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Freon 114 | ND | | ug/m3 | 42 | 8.4 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Chloromethane | ND | | ug/L | 0.012 | 0.0025 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Chloromethane | ND | | ug/m3 | 12 | 2.5 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.015 | 0.0031 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 15 | 3.1 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.013 | 0.0027 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 13 | 2.7 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Bromomethane | ND | | ug/L | 0.023 | 0.0047 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Bromomethane | ND | | ug/m3 | 23 | 4.7 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Chloroethane | ND | | ug/L | 0.016 | 0.0032 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Chloroethane | ND | | ug/m3 | 16 | 3.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.034 | 0.0067 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 34 | 6.7 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1-Dichloroethene | **0.020** | J | ug/L | 0.024 | 0.0048 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1-Dichloroethene | **20** | J | ug/m3 | 24 | 4.8 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Freon 113 | **0.063** | | ug/L | 0.046 | 0.0092 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Freon 113 | **63** | | ug/m3 | 46 | 9.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Acetone | **0.30** | | ug/L | 0.14 | 0.036 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Acetone | **300** | | ug/m3 | 140 | 36 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.019 | 0.0037 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 19 | 3.7 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.074 | 0.037 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 74 | 37 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Methylene Chloride | **0.046** | J | ug/L | 0.052 | 0.0042 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Methylene Chloride | **46** | J | ug/m3 | 52 | 4.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| MTBE | **0.59** | | ug/L | 0.022 | 0.0043 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| MTBE | **590** | | ug/m3 | 22 | 4.3 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| n-Hexane | **0.023** | | ug/L | 0.021 | 0.0042 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| n-Hexane | **23** | | ug/m3 | 21 | 4.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1-Dichloroethane | **2.0** | | ug/L | 0.024 | 0.0049 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1-Dichloroethane | **2,000** | | ug/m3 | 24 | 4.9 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-020 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.11 | 0.053 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 110 | 53 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| cis-1,2-Dichloroethene | **0.22** | | ug/L | 0.024 | 0.0048 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| cis-1,2-Dichloroethene | **220** | | ug/m3 | 24 | 4.8 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 2-Butanone | **0.049** | J | ug/L | 0.088 | 0.044 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 2-Butanone | **49** | J | ug/m3 | 88 | 44 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.054 | 0.054 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 54 | 54 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Chloroform | ND | | ug/L | 0.029 | 0.0059 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Chloroform | ND | | ug/m3 | 29 | 5.9 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Cyclohexane | **0.045** | | ug/L | 0.021 | 0.0041 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Cyclohexane | **45** | | ug/m3 | 21 | 4.1 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.038 | 0.0075 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 38 | 7.5 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Benzene | **0.024** | | ug/L | 0.019 | 0.0082 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Benzene | **24** | | ug/m3 | 19 | 8.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.024 | 0.021 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 24 | 21 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| n-Heptane | **0.097** | | ug/L | 0.025 | 0.0049 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| n-Heptane | **97** | | ug/m3 | 25 | 4.9 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Trichloroethene | **0.19** | | ug/L | 0.032 | 0.0064 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Trichloroethene | **190** | | ug/m3 | 32 | 6.4 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2-Dichloropropane | **0.0085** | J | ug/L | 0.028 | 0.0055 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2-Dichloropropane | **8.5** | J | ug/m3 | 28 | 5.5 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.040 | 0.0080 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 40 | 8.0 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.025 | 0.0049 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 25 | 4.9 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Toluene | **0.51** | | ug/L | 0.023 | 0.0045 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Toluene | **510** | | ug/m3 | 23 | 4.5 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Tetrachloroethene | **0.12** | | ug/L | 0.041 | 0.0081 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Tetrachloroethene | **120** | | ug/m3 | 41 | 8.1 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 2-Hexanone | ND | | ug/L | 0.025 | 0.025 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 2-Hexanone | ND | | ug/m3 | 25 | 25 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.051 | 0.010 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 51 | 10 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.046 | 0.0092 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 46 | 9.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-020 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.028 | 0.0055 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Chlorobenzene | ND | | ug/m3 | 28 | 5.5 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Ethylbenzene | **0.41** | | ug/L | 0.026 | 0.0052 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Ethylbenzene | **410** | | ug/m3 | 26 | 5.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| m,p-Xylenes | **0.71** | | ug/L | 0.052 | 0.00076 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| m,p-Xylenes | **710** | | ug/m3 | 52 | 0.76 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| o-Xylene | **0.44** | | ug/L | 0.026 | 0.0052 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| o-Xylene | **440** | | ug/m3 | 26 | 5.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Styrene | ND | | ug/L | 0.026 | 0.0051 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Styrene | ND | | ug/m3 | 26 | 5.1 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Bromoform | ND | | ug/L | 0.062 | 0.012 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Bromoform | ND | | ug/m3 | 62 | 12 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.041 | 0.0082 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 41 | 8.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 4-Ethyltoluene | **0.15** | | ug/L | 0.029 | 0.0059 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 4-Ethyltoluene | **150** | | ug/m3 | 29 | 5.9 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,3,5-Trimethylbenzene | **0.30** | | ug/L | 0.029 | 0.0059 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,3,5-Trimethylbenzene | **300** | | ug/m3 | 29 | 5.9 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2,4-Trimethylbenzene | **0.53** | | ug/L | 0.074 | 0.0059 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2,4-Trimethylbenzene | **530** | | ug/m3 | 74 | 5.9 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Benzyl chloride | ND | | ug/L | 0.078 | 0.0062 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Benzyl chloride | ND | | ug/m3 | 78 | 6.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2-Dichlorobenzene | **0.034** | J | ug/L | 0.036 | 0.0072 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2-Dichlorobenzene | **34** | J | ug/m3 | 36 | 7.2 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.22 | 0.0089 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 220 | 8.9 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.064 | 0.013 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 64 | 13 | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Xylene (total) | **1.2** | | ug/L | 0.026 | | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| Xylene (total) | **1,200** | | ug/m3 | 26 | | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 97% | | %REC | 60-140 | | 30 | 252091 | 09/02/20 20:31 | 09/02/20 20:31 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-18-5'SV | Lab ID: 432616-021 | Collected: 08/22/20 11:09 |
|---|---|---|
| | Matrix: Air | |

| 432616-021 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.13 | 0.13 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 130 | 130 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Propylene | ND | | ug/L | 0.062 | 0.012 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Propylene | ND | | ug/m3 | 62 | 12 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Freon 12 | ND | | ug/L | 0.18 | 0.036 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Freon 12 | ND | | ug/m3 | 180 | 36 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Freon 114 | ND | | ug/L | 0.25 | 0.050 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Freon 114 | ND | | ug/m3 | 250 | 50 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Chloromethane | ND | | ug/L | 0.074 | 0.015 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Chloromethane | ND | | ug/m3 | 74 | 15 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Vinyl Chloride | **0.58** | | ug/L | 0.092 | 0.018 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Vinyl Chloride | **580** | | ug/m3 | 92 | 18 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.080 | 0.016 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 80 | 16 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Bromomethane | ND | | ug/L | 0.14 | 0.028 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Bromomethane | ND | | ug/m3 | 140 | 28 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Chloroethane | ND | | ug/L | 0.095 | 0.019 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Chloroethane | ND | | ug/m3 | 95 | 19 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.20 | 0.040 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 200 | 40 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.14 | 0.029 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 140 | 29 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Freon 113 | **3.3** | | ug/L | 0.28 | 0.055 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Freon 113 | **3,300** | | ug/m3 | 280 | 55 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Acetone | **1.2** | | ug/L | 0.86 | 0.21 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Acetone | **1,200** | | ug/m3 | 860 | 210 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Carbon Disulfide | **0.13** | | ug/L | 0.11 | 0.022 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Carbon Disulfide | **130** | | ug/m3 | 110 | 22 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Isopropanol (IPA) | **0.28** | J | ug/L | 0.44 | 0.22 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Isopropanol (IPA) | **280** | J | ug/m3 | 440 | 220 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Methylene Chloride | **1.4** | | ug/L | 0.31 | 0.025 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Methylene Chloride | **1,400** | | ug/m3 | 310 | 25 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| trans-1,2-Dichloroethene | **0.061** | J | ug/L | 0.14 | 0.029 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| trans-1,2-Dichloroethene | **61** | J | ug/m3 | 140 | 29 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| MTBE | ND | | ug/L | 0.13 | 0.026 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| MTBE | ND | | ug/m3 | 130 | 26 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| n-Hexane | **0.13** | | ug/L | 0.13 | 0.025 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| n-Hexane | **130** | | ug/m3 | 130 | 25 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1-Dichloroethane | **1.3** | | ug/L | 0.15 | 0.029 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1-Dichloroethane | **1,300** | | ug/m3 | 150 | 29 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-021 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.63 | 0.32 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 630 | 320 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| cis-1,2-Dichloroethene | **3.4** | | ug/L | 0.14 | 0.029 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| cis-1,2-Dichloroethene | **3,400** | | ug/m3 | 140 | 29 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 2-Butanone | ND | | ug/L | 0.53 | 0.27 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 2-Butanone | ND | | ug/m3 | 530 | 270 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.32 | 0.32 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 320 | 320 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Chloroform | ND | | ug/L | 0.18 | 0.035 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Chloroform | ND | | ug/m3 | 180 | 35 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1,1-Trichloroethane | **0.049** | J | ug/L | 0.20 | 0.039 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1,1-Trichloroethane | **49** | J | ug/m3 | 200 | 39 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Cyclohexane | **0.094** | J | ug/L | 0.12 | 0.025 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Cyclohexane | **94** | J | ug/m3 | 120 | 25 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.23 | 0.045 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 230 | 45 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Benzene | ND | | ug/L | 0.12 | 0.049 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Benzene | ND | | ug/m3 | 120 | 49 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.15 | 0.12 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 150 | 120 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| n-Heptane | ND | | ug/L | 0.15 | 0.030 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| n-Heptane | ND | | ug/m3 | 150 | 30 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Trichloroethene | **2.2** | | ug/L | 0.19 | 0.039 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Trichloroethene | **2,200** | | ug/m3 | 190 | 39 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2-Dichloropropane | **0.094** | J | ug/L | 0.17 | 0.033 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2-Dichloropropane | **94** | J | ug/m3 | 170 | 33 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.24 | 0.048 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 240 | 48 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.16 | 0.033 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 160 | 33 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.15 | 0.029 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 150 | 29 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Toluene | **0.12** | J | ug/L | 0.14 | 0.027 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Toluene | **120** | J | ug/m3 | 140 | 27 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.16 | 0.033 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 160 | 33 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.20 | 0.039 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 200 | 39 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Tetrachloroethene | **0.98** | | ug/L | 0.24 | 0.049 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Tetrachloroethene | **980** | | ug/m3 | 240 | 49 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 2-Hexanone | ND | | ug/L | 0.15 | 0.15 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 2-Hexanone | ND | | ug/m3 | 150 | 150 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.31 | 0.061 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 310 | 61 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.28 | 0.055 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 280 | 55 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-021 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.17 | 0.033 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Chlorobenzene | ND | | ug/m3 | 170 | 33 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Ethylbenzene | **0.038** | J | ug/L | 0.16 | 0.031 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Ethylbenzene | **38** | J | ug/m3 | 160 | 31 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| m,p-Xylenes | **0.13** | J | ug/L | 0.31 | 0.0045 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| m,p-Xylenes | **130** | J | ug/m3 | 310 | 4.5 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| o-Xylene | **0.092** | J | ug/L | 0.16 | 0.031 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| o-Xylene | **92** | J | ug/m3 | 160 | 31 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Styrene | ND | | ug/L | 0.15 | 0.031 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Styrene | ND | | ug/m3 | 150 | 31 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Bromoform | ND | | ug/L | 0.37 | 0.074 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Bromoform | ND | | ug/m3 | 370 | 74 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.25 | 0.049 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 250 | 49 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.18 | 0.035 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 180 | 35 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,3,5-Trimethylbenzene | **0.059** | J | ug/L | 0.18 | 0.035 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,3,5-Trimethylbenzene | **59** | J | ug/m3 | 180 | 35 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2,4-Trimethylbenzene | **0.086** | J | ug/L | 0.44 | 0.035 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2,4-Trimethylbenzene | **86** | J | ug/m3 | 440 | 35 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.22 | 0.043 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 220 | 43 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.22 | 0.043 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 220 | 43 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Benzyl chloride | ND | | ug/L | 0.47 | 0.037 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Benzyl chloride | ND | | ug/m3 | 470 | 37 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.22 | 0.043 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 220 | 43 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 1.3 | 0.053 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 1,300 | 53 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.38 | 0.077 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 380 | 77 | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Xylene (total) | **0.22** | J | ug/L | 0.16 | | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| Xylene (total) | **220** | J | ug/m3 | 160 | | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 89% | | %REC | 60-140 | | 180 | 252091 | 09/03/20 12:36 | 09/03/20 12:36 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-18-15'SV | Lab ID: 432616-022 | Collected: 08/22/20 11:08 |
|---|---|---|
| | Matrix: Air | |

| 432616-022 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.11 | 0.11 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 110 | 110 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Propylene | ND | | ug/L | 0.052 | 0.010 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Propylene | ND | | ug/m3 | 52 | 10 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Freon 12 | ND | | ug/L | 0.15 | 0.030 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Freon 12 | ND | | ug/m3 | 150 | 30 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Freon 114 | ND | | ug/L | 0.21 | 0.042 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Freon 114 | ND | | ug/m3 | 210 | 42 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Chloromethane | ND | | ug/L | 0.062 | 0.012 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Chloromethane | ND | | ug/m3 | 62 | 12 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.077 | 0.015 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 77 | 15 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.066 | 0.013 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 66 | 13 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Bromomethane | ND | | ug/L | 0.12 | 0.023 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Bromomethane | ND | | ug/m3 | 120 | 23 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Chloroethane | ND | | ug/L | 0.079 | 0.016 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Chloroethane | ND | | ug/m3 | 79 | 16 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.17 | 0.034 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 170 | 34 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1-Dichloroethene | **0.13** | | ug/L | 0.12 | 0.024 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1-Dichloroethene | **130** | | ug/m3 | 120 | 24 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Freon 113 | **3.6** | | ug/L | 0.23 | 0.046 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Freon 113 | **3,600** | | ug/m3 | 230 | 46 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Acetone | **0.83** | | ug/L | 0.71 | 0.18 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Acetone | **830** | | ug/m3 | 710 | 180 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.093 | 0.019 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 93 | 19 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.37 | 0.18 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 370 | 180 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Methylene Chloride | **1.0** | | ug/L | 0.26 | 0.021 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Methylene Chloride | **1,000** | | ug/m3 | 260 | 21 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.12 | 0.024 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 120 | 24 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| MTBE | ND | | ug/L | 0.11 | 0.022 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| MTBE | ND | | ug/m3 | 110 | 22 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| n-Hexane | **0.12** | | ug/L | 0.11 | 0.021 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| n-Hexane | **120** | | ug/m3 | 110 | 21 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1-Dichloroethane | **4.3** | | ug/L | 0.12 | 0.024 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1-Dichloroethane | **4,300** | | ug/m3 | 120 | 24 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-022 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.53 | 0.26 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 530 | 260 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| cis-1,2-Dichloroethene | **14** | | ug/L | 0.12 | 0.024 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| cis-1,2-Dichloroethene | **14,000** | | ug/m3 | 120 | 24 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 2-Butanone | ND | | ug/L | 0.44 | 0.22 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 2-Butanone | ND | | ug/m3 | 440 | 220 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.27 | 0.27 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 270 | 270 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Chloroform | ND | | ug/L | 0.15 | 0.029 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Chloroform | ND | | ug/m3 | 150 | 29 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1,1-Trichloroethane | **0.10** | J | ug/L | 0.16 | 0.033 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1,1-Trichloroethane | **100** | J | ug/m3 | 160 | 33 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Cyclohexane | ND | | ug/L | 0.10 | 0.021 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Cyclohexane | ND | | ug/m3 | 100 | 21 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.19 | 0.038 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 190 | 38 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Benzene | **0.057** | J | ug/L | 0.096 | 0.041 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Benzene | **57** | J | ug/m3 | 96 | 41 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.12 | 0.10 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 120 | 100 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| n-Heptane | ND | | ug/L | 0.12 | 0.025 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| n-Heptane | ND | | ug/m3 | 120 | 25 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Trichloroethene | **2.5** | | ug/L | 0.16 | 0.032 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Trichloroethene | **2,500** | | ug/m3 | 160 | 32 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2-Dichloropropane | **0.24** | | ug/L | 0.14 | 0.028 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2-Dichloropropane | **240** | | ug/m3 | 140 | 28 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.20 | 0.040 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 200 | 40 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.14 | 0.027 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 140 | 27 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.12 | 0.025 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 120 | 25 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Toluene | **0.13** | | ug/L | 0.11 | 0.023 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Toluene | **130** | | ug/m3 | 110 | 23 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.14 | 0.027 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 140 | 27 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.16 | 0.033 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 160 | 33 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Tetrachloroethene | **2.2** | | ug/L | 0.20 | 0.041 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Tetrachloroethene | **2,200** | | ug/m3 | 200 | 41 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 2-Hexanone | ND | | ug/L | 0.12 | 0.12 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 2-Hexanone | ND | | ug/m3 | 120 | 120 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.26 | 0.051 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 260 | 51 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.23 | 0.046 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 230 | 46 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-022 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.14 | 0.028 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Chlorobenzene | ND | | ug/m3 | 140 | 28 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Ethylbenzene | **0.12** | J | ug/L | 0.13 | 0.026 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Ethylbenzene | **120** | J | ug/m3 | 130 | 26 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| m,p-Xylenes | **0.35** | | ug/L | 0.26 | 0.0038 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| m,p-Xylenes | **350** | | ug/m3 | 260 | 3.8 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| o-Xylene | **0.33** | | ug/L | 0.13 | 0.026 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| o-Xylene | **330** | | ug/m3 | 130 | 26 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Styrene | ND | | ug/L | 0.13 | 0.026 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Styrene | ND | | ug/m3 | 130 | 26 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Bromoform | ND | | ug/L | 0.31 | 0.062 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Bromoform | ND | | ug/m3 | 310 | 62 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.21 | 0.041 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 210 | 41 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 4-Ethyltoluene | **0.044** | J | ug/L | 0.15 | 0.029 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 4-Ethyltoluene | **44** | J | ug/m3 | 150 | 29 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,3,5-Trimethylbenzene | **0.27** | | ug/L | 0.15 | 0.029 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,3,5-Trimethylbenzene | **270** | | ug/m3 | 150 | 29 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2,4-Trimethylbenzene | **0.37** | J | ug/L | 0.37 | 0.029 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2,4-Trimethylbenzene | **370** | J | ug/m3 | 370 | 29 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Benzyl chloride | ND | | ug/L | 0.39 | 0.031 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Benzyl chloride | ND | | ug/m3 | 390 | 31 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 1.1 | 0.045 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 1,100 | 45 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.32 | 0.064 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 320 | 64 | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Xylene (total) | **0.68** | | ug/L | 0.13 | | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| Xylene (total) | **680** | | ug/m3 | 130 | | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 90% | | %REC | 60-140 | | 150 | 252091 | 09/03/20 09:12 | 09/03/20 09:12 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-20-5'SV | Lab ID: 432616-023 | Collected: 08/21/20 12:03 |
|---|---|---|
| | Matrix: Air | |

| 432616-023 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.23 | 0.23 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 230 | 230 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Propylene | ND | | ug/L | 0.11 | 0.022 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Propylene | ND | | ug/m3 | 110 | 22 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Freon 12 | ND | | ug/L | 0.32 | 0.063 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Freon 12 | ND | | ug/m3 | 320 | 63 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Freon 114 | ND | | ug/L | 0.45 | 0.089 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Freon 114 | ND | | ug/m3 | 450 | 89 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Chloromethane | ND | | ug/L | 0.13 | 0.026 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Chloromethane | ND | | ug/m3 | 130 | 26 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.16 | 0.033 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 160 | 33 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.14 | 0.028 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 140 | 28 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Bromomethane | ND | | ug/L | 0.25 | 0.050 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Bromomethane | ND | | ug/m3 | 250 | 50 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Chloroethane | **0.27** | | ug/L | 0.17 | 0.034 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Chloroethane | **270** | | ug/m3 | 170 | 34 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.36 | 0.072 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 360 | 72 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1-Dichloroethene | **0.053** | J | ug/L | 0.25 | 0.051 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1-Dichloroethene | **53** | J | ug/m3 | 250 | 51 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Freon 113 | ND | | ug/L | 0.49 | 0.098 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Freon 113 | ND | | ug/m3 | 490 | 98 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Acetone | **1.5** | | ug/L | 1.5 | 0.38 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Acetone | **1,500** | | ug/m3 | 1,500 | 380 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.20 | 0.040 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 200 | 40 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.79 | 0.39 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 790 | 390 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Methylene Chloride | **1.4** | | ug/L | 0.56 | 0.044 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Methylene Chloride | **1,400** | | ug/m3 | 560 | 44 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| trans-1,2-Dichloroethene | **0.082** | J | ug/L | 0.25 | 0.051 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| trans-1,2-Dichloroethene | **82** | J | ug/m3 | 250 | 51 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| MTBE | ND | | ug/L | 0.23 | 0.046 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| MTBE | ND | | ug/m3 | 230 | 46 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| n-Hexane | **2.7** | | ug/L | 0.23 | 0.045 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| n-Hexane | **2,700** | | ug/m3 | 230 | 45 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1-Dichloroethane | **1.3** | | ug/L | 0.26 | 0.052 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1-Dichloroethane | **1,300** | | ug/m3 | 260 | 52 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-023 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 1.1 | 0.56 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 1,100 | 560 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| cis-1,2-Dichloroethene | **0.94** | | ug/L | 0.25 | 0.051 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| cis-1,2-Dichloroethene | **940** | | ug/m3 | 250 | 51 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 2-Butanone | ND | | ug/L | 0.94 | 0.47 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 2-Butanone | ND | | ug/m3 | 940 | 470 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.58 | 0.58 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 580 | 580 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Chloroform | ND | | ug/L | 0.31 | 0.062 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Chloroform | ND | | ug/m3 | 310 | 62 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.35 | 0.070 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 350 | 70 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Cyclohexane | **1.1** | | ug/L | 0.22 | 0.044 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Cyclohexane | **1,100** | | ug/m3 | 220 | 44 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.40 | 0.081 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 400 | 81 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Benzene | **0.12** | J | ug/L | 0.20 | 0.088 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Benzene | **120** | J | ug/m3 | 200 | 88 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.26 | 0.22 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 260 | 220 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| n-Heptane | **5.5** | | ug/L | 0.26 | 0.052 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| n-Heptane | **5,500** | | ug/m3 | 260 | 52 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Trichloroethene | **0.33** | J | ug/L | 0.34 | 0.069 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Trichloroethene | **330** | J | ug/m3 | 340 | 69 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.30 | 0.059 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 300 | 59 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.43 | 0.086 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 430 | 86 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.29 | 0.058 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 290 | 58 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.26 | 0.052 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 260 | 52 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Toluene | **0.27** | | ug/L | 0.24 | 0.048 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Toluene | **270** | | ug/m3 | 240 | 48 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.29 | 0.058 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 290 | 58 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.35 | 0.070 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 350 | 70 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Tetrachloroethene | ND | | ug/L | 0.43 | 0.087 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Tetrachloroethene | ND | | ug/m3 | 430 | 87 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 2-Hexanone | ND | | ug/L | 0.26 | 0.26 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 2-Hexanone | ND | | ug/m3 | 260 | 260 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.55 | 0.11 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 550 | 110 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.49 | 0.098 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 490 | 98 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-023 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.29 | 0.059 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Chlorobenzene | ND | | ug/m3 | 290 | 59 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Ethylbenzene | **0.11** | J | ug/L | 0.28 | 0.056 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Ethylbenzene | **110** | J | ug/m3 | 280 | 56 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| m,p-Xylenes | **0.19** | J | ug/L | 0.56 | 0.0081 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| m,p-Xylenes | **190** | J | ug/m3 | 560 | 8.1 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| o-Xylene | **0.073** | J | ug/L | 0.28 | 0.056 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| o-Xylene | **73** | J | ug/m3 | 280 | 56 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Styrene | ND | | ug/L | 0.27 | 0.055 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Styrene | ND | | ug/m3 | 270 | 55 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Bromoform | ND | | ug/L | 0.66 | 0.13 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Bromoform | ND | | ug/m3 | 660 | 130 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.44 | 0.088 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 440 | 88 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.31 | 0.063 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 310 | 63 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,3,5-Trimethylbenzene | **0.071** | J | ug/L | 0.31 | 0.063 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,3,5-Trimethylbenzene | **71** | J | ug/m3 | 310 | 63 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2,4-Trimethylbenzene | **0.14** | J | ug/L | 0.79 | 0.063 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2,4-Trimethylbenzene | **140** | J | ug/m3 | 790 | 63 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.38 | 0.077 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 380 | 77 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.38 | 0.077 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 380 | 77 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Benzyl chloride | ND | | ug/L | 0.83 | 0.066 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Benzyl chloride | ND | | ug/m3 | 830 | 66 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.38 | 0.077 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 380 | 77 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 2.4 | 0.095 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 2,400 | 95 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.68 | 0.14 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 680 | 140 | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Xylene (total) | **0.26** | J | ug/L | 0.28 | | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| Xylene (total) | **260** | J | ug/m3 | 280 | | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 100% | | %REC | 60-140 | | 320 | 252091 | 09/03/20 10:23 | 09/03/20 10:23 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-20-15'SV | Lab ID: 432616-024 | Collected: 08/21/20 11:58 |
|---|---|---|
| | Matrix: Air | |

| 432616-024 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | **0.48** | | ug/L | 0.17 | 0.17 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,4-Dioxane | **480** | | ug/m3 | 170 | 170 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Propylene | ND | | ug/L | 0.083 | 0.017 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Propylene | ND | | ug/m3 | 83 | 17 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Freon 12 | ND | | ug/L | 0.24 | 0.047 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Freon 12 | ND | | ug/m3 | 240 | 47 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Freon 114 | ND | | ug/L | 0.34 | 0.067 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Freon 114 | ND | | ug/m3 | 340 | 67 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Chloromethane | ND | | ug/L | 0.099 | 0.020 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Chloromethane | ND | | ug/m3 | 99 | 20 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.12 | 0.025 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 120 | 25 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.11 | 0.021 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 110 | 21 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Bromomethane | ND | | ug/L | 0.19 | 0.037 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Bromomethane | ND | | ug/m3 | 190 | 37 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Chloroethane | ND | | ug/L | 0.13 | 0.025 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Chloroethane | ND | | ug/m3 | 130 | 25 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.27 | 0.054 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 270 | 54 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1-Dichloroethene | **0.066** | J | ug/L | 0.19 | 0.038 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1-Dichloroethene | **66** | J | ug/m3 | 190 | 38 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Freon 113 | ND | | ug/L | 0.37 | 0.074 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Freon 113 | ND | | ug/m3 | 370 | 74 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Acetone | **0.99** | J | ug/L | 1.1 | 0.29 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Acetone | **990** | J | ug/m3 | 1,100 | 290 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.15 | 0.030 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 150 | 30 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.59 | 0.29 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 590 | 290 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Methylene Chloride | **1.1** | | ug/L | 0.42 | 0.033 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Methylene Chloride | **1,100** | | ug/m3 | 420 | 33 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.19 | 0.038 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 190 | 38 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| MTBE | **0.061** | J | ug/L | 0.17 | 0.035 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| MTBE | **61** | J | ug/m3 | 170 | 35 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| n-Hexane | **0.33** | | ug/L | 0.17 | 0.034 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| n-Hexane | **330** | | ug/m3 | 170 | 34 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1-Dichloroethane | **2.5** | | ug/L | 0.19 | 0.039 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1-Dichloroethane | **2,500** | | ug/m3 | 190 | 39 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-024 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.85 | 0.42 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 850 | 420 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| cis-1,2-Dichloroethene | **0.89** | | ug/L | 0.19 | 0.038 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| cis-1,2-Dichloroethene | **890** | | ug/m3 | 190 | 38 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 2-Butanone | ND | | ug/L | 0.71 | 0.35 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 2-Butanone | ND | | ug/m3 | 710 | 350 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.43 | 0.43 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 430 | 430 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Chloroform | ND | | ug/L | 0.23 | 0.047 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Chloroform | ND | | ug/m3 | 230 | 47 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.26 | 0.052 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 260 | 52 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Cyclohexane | ND | | ug/L | 0.17 | 0.033 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Cyclohexane | ND | | ug/m3 | 170 | 33 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.30 | 0.060 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 300 | 60 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Benzene | ND | | ug/L | 0.15 | 0.066 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Benzene | ND | | ug/m3 | 150 | 66 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.19 | 0.17 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 190 | 170 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| n-Heptane | **1.1** | | ug/L | 0.20 | 0.039 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| n-Heptane | **1,100** | | ug/m3 | 200 | 39 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Trichloroethene | **0.10** | J | ug/L | 0.26 | 0.052 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Trichloroethene | **100** | J | ug/m3 | 260 | 52 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.22 | 0.044 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 220 | 44 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.32 | 0.064 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 320 | 64 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.22 | 0.044 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 220 | 44 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.20 | 0.039 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 200 | 39 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Toluene | **0.72** | | ug/L | 0.18 | 0.036 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Toluene | **720** | | ug/m3 | 180 | 36 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.22 | 0.044 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 220 | 44 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.26 | 0.052 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 260 | 52 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Tetrachloroethene | ND | | ug/L | 0.33 | 0.065 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Tetrachloroethene | ND | | ug/m3 | 330 | 65 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 2-Hexanone | ND | | ug/L | 0.20 | 0.20 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 2-Hexanone | ND | | ug/m3 | 200 | 200 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.41 | 0.082 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 410 | 82 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.37 | 0.074 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 370 | 74 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-024 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.22 | 0.044 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Chlorobenzene | ND | | ug/m3 | 220 | 44 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Ethylbenzene | **0.11** | J | ug/L | 0.21 | 0.042 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Ethylbenzene | **110** | J | ug/m3 | 210 | 42 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| m,p-Xylenes | **0.16** | J | ug/L | 0.42 | 0.0060 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| m,p-Xylenes | **160** | J | ug/m3 | 420 | 6.0 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| o-Xylene | **0.049** | J | ug/L | 0.21 | 0.042 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| o-Xylene | **49** | J | ug/m3 | 210 | 42 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Styrene | ND | | ug/L | 0.20 | 0.041 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Styrene | ND | | ug/m3 | 200 | 41 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Bromoform | ND | | ug/L | 0.50 | 0.099 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Bromoform | ND | | ug/m3 | 500 | 99 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.33 | 0.066 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 330 | 66 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.24 | 0.047 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 240 | 47 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.24 | 0.047 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 240 | 47 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2,4-Trimethylbenzene | **0.064** | J | ug/L | 0.59 | 0.047 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2,4-Trimethylbenzene | **64** | J | ug/m3 | 590 | 47 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.29 | 0.058 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 290 | 58 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.29 | 0.058 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 290 | 58 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Benzyl chloride | ND | | ug/L | 0.62 | 0.050 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Benzyl chloride | ND | | ug/m3 | 620 | 50 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.29 | 0.058 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 290 | 58 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 1.8 | 0.071 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 1,800 | 71 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.51 | 0.10 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 510 | 100 | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Xylene (total) | **0.21** | J | ug/L | 0.21 | | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| Xylene (total) | **210** | J | ug/m3 | 210 | | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 92% | | %REC | 60-140 | | 240 | 252091 | 09/03/20 11:07 | 09/03/20 11:07 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-15-5'SV | Lab ID: 432616-025 | Collected: 08/22/20 12:06 |
|---|---|---|
| | Matrix: Air | |

| 432616-025 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.086 | 0.086 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 86 | 86 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Propylene | ND | | ug/L | 0.041 | 0.0083 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Propylene | ND | | ug/m3 | 41 | 8.3 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Freon 12 | ND | | ug/L | 0.12 | 0.024 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Freon 12 | ND | | ug/m3 | 120 | 24 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Freon 114 | ND | | ug/L | 0.17 | 0.034 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Freon 114 | ND | | ug/m3 | 170 | 34 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Chloromethane | ND | | ug/L | 0.050 | 0.0099 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Chloromethane | ND | | ug/m3 | 50 | 9.9 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.061 | 0.012 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 61 | 12 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.053 | 0.011 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 53 | 11 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Bromomethane | ND | | ug/L | 0.093 | 0.019 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Bromomethane | ND | | ug/m3 | 93 | 19 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Chloroethane | ND | | ug/L | 0.063 | 0.013 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Chloroethane | ND | | ug/m3 | 63 | 13 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Trichlorofluoromethane | **0.030** | J | ug/L | 0.13 | 0.027 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Trichlorofluoromethane | **30** | J | ug/m3 | 130 | 27 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.095 | 0.019 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 95 | 19 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Freon 113 | ND | | ug/L | 0.18 | 0.037 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Freon 113 | ND | | ug/m3 | 180 | 37 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Acetone | **0.75** | | ug/L | 0.57 | 0.14 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Acetone | **750** | | ug/m3 | 570 | 140 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.075 | 0.015 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 75 | 15 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.29 | 0.15 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 290 | 150 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Methylene Chloride | **1.0** | | ug/L | 0.21 | 0.017 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Methylene Chloride | **1,000** | | ug/m3 | 210 | 17 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.095 | 0.019 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 95 | 19 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| MTBE | ND | | ug/L | 0.087 | 0.017 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| MTBE | ND | | ug/m3 | 87 | 17 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| n-Hexane | **0.11** | | ug/L | 0.085 | 0.017 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| n-Hexane | **110** | | ug/m3 | 85 | 17 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1-Dichloroethane | **0.15** | | ug/L | 0.097 | 0.019 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1-Dichloroethane | **150** | | ug/m3 | 97 | 19 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-025 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.42 | 0.21 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 420 | 210 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/L | 0.095 | 0.019 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 95 | 19 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 2-Butanone | ND | | ug/L | 0.35 | 0.18 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 2-Butanone | ND | | ug/m3 | 350 | 180 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.22 | 0.22 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 220 | 220 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Chloroform | ND | | ug/L | 0.12 | 0.023 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Chloroform | ND | | ug/m3 | 120 | 23 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1,1-Trichloroethane | **0.15** | | ug/L | 0.13 | 0.026 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1,1-Trichloroethane | **150** | | ug/m3 | 130 | 26 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Cyclohexane | ND | | ug/L | 0.083 | 0.017 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Cyclohexane | ND | | ug/m3 | 83 | 17 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.15 | 0.030 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 150 | 30 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Benzene | ND | | ug/L | 0.077 | 0.033 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Benzene | ND | | ug/m3 | 77 | 33 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.097 | 0.083 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 97 | 83 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| n-Heptane | ND | | ug/L | 0.098 | 0.020 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| n-Heptane | ND | | ug/m3 | 98 | 20 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Trichloroethene | **0.087** | J | ug/L | 0.13 | 0.026 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Trichloroethene | **87** | J | ug/m3 | 130 | 26 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.11 | 0.022 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 110 | 22 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.16 | 0.032 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 160 | 32 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.11 | 0.022 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 110 | 22 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.098 | 0.020 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 98 | 20 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Toluene | **0.079** | J | ug/L | 0.090 | 0.018 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Toluene | **79** | J | ug/m3 | 90 | 18 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.11 | 0.022 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 110 | 22 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.13 | 0.026 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 130 | 26 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Tetrachloroethene | **0.23** | | ug/L | 0.16 | 0.033 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Tetrachloroethene | **230** | | ug/m3 | 160 | 33 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 2-Hexanone | ND | | ug/L | 0.098 | 0.098 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 2-Hexanone | ND | | ug/m3 | 98 | 98 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.20 | 0.041 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 200 | 41 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.18 | 0.037 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 180 | 37 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-025 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.11 | 0.022 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Chlorobenzene | ND | | ug/m3 | 110 | 22 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Ethylbenzene | ND | | ug/L | 0.10 | 0.021 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Ethylbenzene | ND | | ug/m3 | 100 | 21 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| m,p-Xylenes | **0.044** | J | ug/L | 0.21 | 0.0030 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| m,p-Xylenes | **44** | J | ug/m3 | 210 | 3.0 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| o-Xylene | ND | | ug/L | 0.10 | 0.021 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| o-Xylene | ND | | ug/m3 | 100 | 21 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Styrene | ND | | ug/L | 0.10 | 0.020 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Styrene | ND | | ug/m3 | 100 | 20 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Bromoform | ND | | ug/L | 0.25 | 0.050 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Bromoform | ND | | ug/m3 | 250 | 50 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.16 | 0.033 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 160 | 33 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.12 | 0.024 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 120 | 24 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.12 | 0.024 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 120 | 24 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.29 | 0.024 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 290 | 24 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.14 | 0.029 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 140 | 29 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.14 | 0.029 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 140 | 29 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Benzyl chloride | ND | | ug/L | 0.31 | 0.025 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Benzyl chloride | ND | | ug/m3 | 310 | 25 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.14 | 0.029 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 140 | 29 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.89 | 0.036 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 890 | 36 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.26 | 0.051 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 260 | 51 | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Xylene (total) | **0.044** | J | ug/L | 0.10 | | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| Xylene (total) | **44** | J | ug/m3 | 100 | | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 88% | | %REC | 60-140 | | 120 | 252091 | 09/03/20 11:52 | 09/03/20 11:52 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-15-15'SV | Lab ID: 432616-026 | Collected: 08/22/20 12:06 |
|---|---|---|
| | Matrix: Air | |

| 432616-026 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.022 | 0.022 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 22 | 22 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Propylene | ND | | ug/L | 0.010 | 0.0021 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Propylene | ND | | ug/m3 | 10 | 2.1 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Freon 12 | ND | | ug/L | 0.030 | 0.0059 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Freon 12 | ND | | ug/m3 | 30 | 5.9 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Freon 114 | ND | | ug/L | 0.042 | 0.0084 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Freon 114 | ND | | ug/m3 | 42 | 8.4 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Chloromethane | ND | | ug/L | 0.012 | 0.0025 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Chloromethane | ND | | ug/m3 | 12 | 2.5 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.015 | 0.0031 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 15 | 3.1 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.013 | 0.0027 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 13 | 2.7 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Bromomethane | ND | | ug/L | 0.023 | 0.0047 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Bromomethane | ND | | ug/m3 | 23 | 4.7 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Chloroethane | ND | | ug/L | 0.016 | 0.0032 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Chloroethane | ND | | ug/m3 | 16 | 3.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Trichlorofluoromethane | **0.018** | J | ug/L | 0.034 | 0.0067 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Trichlorofluoromethane | **18** | J | ug/m3 | 34 | 6.7 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Freon 113 | **0.013** | J | ug/L | 0.046 | 0.0092 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Freon 113 | **13** | J | ug/m3 | 46 | 9.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Acetone | **0.071** | J | ug/L | 0.14 | 0.036 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Acetone | **71** | J | ug/m3 | 140 | 36 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.019 | 0.0037 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 19 | 3.7 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.074 | 0.037 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 74 | 37 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Methylene Chloride | **0.0058** | J | ug/L | 0.052 | 0.0042 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Methylene Chloride | **5.8** | J | ug/m3 | 52 | 4.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| MTBE | ND | | ug/L | 0.022 | 0.0043 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| MTBE | ND | | ug/m3 | 22 | 4.3 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| n-Hexane | **0.0079** | J | ug/L | 0.021 | 0.0042 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| n-Hexane | **7.9** | J | ug/m3 | 21 | 4.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1-Dichloroethane | **0.0076** | J | ug/L | 0.024 | 0.0049 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1-Dichloroethane | **7.6** | J | ug/m3 | 24 | 4.9 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-026 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.11 | 0.053 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 110 | 53 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 2-Butanone | ND | | ug/L | 0.088 | 0.044 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 2-Butanone | ND | | ug/m3 | 88 | 44 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.054 | 0.054 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 54 | 54 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Chloroform | ND | | ug/L | 0.029 | 0.0059 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Chloroform | ND | | ug/m3 | 29 | 5.9 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1,1-Trichloroethane | **0.082** | | ug/L | 0.033 | 0.0065 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1,1-Trichloroethane | **82** | | ug/m3 | 33 | 6.5 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Cyclohexane | ND | | ug/L | 0.021 | 0.0041 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Cyclohexane | ND | | ug/m3 | 21 | 4.1 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.038 | 0.0075 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 38 | 7.5 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Benzene | ND | | ug/L | 0.019 | 0.0082 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Benzene | ND | | ug/m3 | 19 | 8.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.024 | 0.021 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 24 | 21 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| n-Heptane | **0.0055** | J | ug/L | 0.025 | 0.0049 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| n-Heptane | **5.5** | J | ug/m3 | 25 | 4.9 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Trichloroethene | **0.14** | | ug/L | 0.032 | 0.0064 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Trichloroethene | **140** | | ug/m3 | 32 | 6.4 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.028 | 0.0055 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 28 | 5.5 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.040 | 0.0080 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 40 | 8.0 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.025 | 0.0049 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 25 | 4.9 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Toluene | **0.16** | | ug/L | 0.023 | 0.0045 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Toluene | **160** | | ug/m3 | 23 | 4.5 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Tetrachloroethene | **0.26** | | ug/L | 0.041 | 0.0081 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Tetrachloroethene | **260** | | ug/m3 | 41 | 8.1 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 2-Hexanone | ND | | ug/L | 0.025 | 0.025 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 2-Hexanone | ND | | ug/m3 | 25 | 25 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.051 | 0.010 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 51 | 10 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.046 | 0.0092 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 46 | 9.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-026 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.028 | 0.0055 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Chlorobenzene | ND | | ug/m3 | 28 | 5.5 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Ethylbenzene | **0.0056** | J | ug/L | 0.026 | 0.0052 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Ethylbenzene | **5.6** | J | ug/m3 | 26 | 5.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| m,p-Xylenes | **0.027** | J | ug/L | 0.052 | 0.00076 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| m,p-Xylenes | **27** | J | ug/m3 | 52 | 0.76 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| o-Xylene | **0.015** | J | ug/L | 0.026 | 0.0052 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| o-Xylene | **15** | J | ug/m3 | 26 | 5.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Styrene | ND | | ug/L | 0.026 | 0.0051 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Styrene | ND | | ug/m3 | 26 | 5.1 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Bromoform | ND | | ug/L | 0.062 | 0.012 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Bromoform | ND | | ug/m3 | 62 | 12 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.041 | 0.0082 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 41 | 8.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.029 | 0.0059 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 29 | 5.9 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,3,5-Trimethylbenzene | **0.025** | J | ug/L | 0.029 | 0.0059 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,3,5-Trimethylbenzene | **25** | J | ug/m3 | 29 | 5.9 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2,4-Trimethylbenzene | **0.031** | J | ug/L | 0.074 | 0.0059 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2,4-Trimethylbenzene | **31** | J | ug/m3 | 74 | 5.9 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Benzyl chloride | ND | | ug/L | 0.078 | 0.0062 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Benzyl chloride | ND | | ug/m3 | 78 | 6.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.22 | 0.0089 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 220 | 8.9 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.064 | 0.013 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 64 | 13 | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Xylene (total) | **0.042** | J | ug/L | 0.026 | | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| Xylene (total) | **42** | J | ug/m3 | 26 | | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 89% | | %REC | 60-140 | | 30 | 252091 | 09/03/20 03:20 | 09/03/20 03:20 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-23-5'SV | Lab ID: 432616-027 | Collected: 08/22/20 12:32 |
|---|---|---|
| | Matrix: Air | |

| 432616-027 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.022 | 0.022 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 22 | 22 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Propylene | ND | | ug/L | 0.010 | 0.0021 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Propylene | ND | | ug/m3 | 10 | 2.1 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Freon 12 | ND | | ug/L | 0.030 | 0.0059 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Freon 12 | ND | | ug/m3 | 30 | 5.9 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Freon 114 | ND | | ug/L | 0.042 | 0.0084 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Freon 114 | ND | | ug/m3 | 42 | 8.4 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Chloromethane | ND | | ug/L | 0.012 | 0.0025 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Chloromethane | ND | | ug/m3 | 12 | 2.5 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.015 | 0.0031 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 15 | 3.1 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.013 | 0.0027 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 13 | 2.7 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Bromomethane | ND | | ug/L | 0.023 | 0.0047 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Bromomethane | ND | | ug/m3 | 23 | 4.7 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Chloroethane | ND | | ug/L | 0.016 | 0.0032 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Chloroethane | ND | | ug/m3 | 16 | 3.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Trichlorofluoromethane | **0.025** | J | ug/L | 0.034 | 0.0067 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Trichlorofluoromethane | **25** | J | ug/m3 | 34 | 6.7 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Freon 113 | **0.015** | J | ug/L | 0.046 | 0.0092 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Freon 113 | **15** | J | ug/m3 | 46 | 9.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Acetone | **0.051** | J | ug/L | 0.14 | 0.036 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Acetone | **51** | J | ug/m3 | 140 | 36 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.019 | 0.0037 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 19 | 3.7 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.074 | 0.037 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 74 | 37 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Methylene Chloride | **0.0077** | J | ug/L | 0.052 | 0.0042 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Methylene Chloride | **7.7** | J | ug/m3 | 52 | 4.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.024 | 0.0048 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 24 | 4.8 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| MTBE | ND | | ug/L | 0.022 | 0.0043 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| MTBE | ND | | ug/m3 | 22 | 4.3 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| n-Hexane | **0.046** | | ug/L | 0.021 | 0.0042 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| n-Hexane | **46** | | ug/m3 | 21 | 4.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1-Dichloroethane | **0.027** | | ug/L | 0.024 | 0.0049 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1-Dichloroethane | **27** | | ug/m3 | 24 | 4.9 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-027 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.11 | 0.053 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 110 | 53 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| cis-1,2-Dichloroethene | **0.0065** | J | ug/L | 0.024 | 0.0048 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| cis-1,2-Dichloroethene | **6.5** | J | ug/m3 | 24 | 4.8 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 2-Butanone | ND | | ug/L | 0.088 | 0.044 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 2-Butanone | ND | | ug/m3 | 88 | 44 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.054 | 0.054 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 54 | 54 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Chloroform | ND | | ug/L | 0.029 | 0.0059 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Chloroform | ND | | ug/m3 | 29 | 5.9 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1,1-Trichloroethane | **0.15** | | ug/L | 0.033 | 0.0065 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1,1-Trichloroethane | **150** | | ug/m3 | 33 | 6.5 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Cyclohexane | ND | | ug/L | 0.021 | 0.0041 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Cyclohexane | ND | | ug/m3 | 21 | 4.1 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.038 | 0.0075 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 38 | 7.5 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Benzene | **0.048** | | ug/L | 0.019 | 0.0082 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Benzene | **48** | | ug/m3 | 19 | 8.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.024 | 0.021 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 24 | 21 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| n-Heptane | **0.049** | | ug/L | 0.025 | 0.0049 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| n-Heptane | **49** | | ug/m3 | 25 | 4.9 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Trichloroethene | **0.022** | J | ug/L | 0.032 | 0.0064 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Trichloroethene | **22** | J | ug/m3 | 32 | 6.4 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.028 | 0.0055 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 28 | 5.5 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.040 | 0.0080 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 40 | 8.0 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.025 | 0.0049 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 25 | 4.9 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Toluene | **0.15** | | ug/L | 0.023 | 0.0045 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Toluene | **150** | | ug/m3 | 23 | 4.5 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.027 | 0.0054 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 27 | 5.4 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.033 | 0.0065 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 33 | 6.5 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Tetrachloroethene | **0.059** | | ug/L | 0.041 | 0.0081 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Tetrachloroethene | **59** | | ug/m3 | 41 | 8.1 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 2-Hexanone | ND | | ug/L | 0.025 | 0.025 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 2-Hexanone | ND | | ug/m3 | 25 | 25 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.051 | 0.010 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 51 | 10 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.046 | 0.0092 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 46 | 9.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-027 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.028 | 0.0055 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Chlorobenzene | ND | | ug/m3 | 28 | 5.5 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Ethylbenzene | **0.019** | J | ug/L | 0.026 | 0.0052 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Ethylbenzene | **19** | J | ug/m3 | 26 | 5.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| m,p-Xylenes | **0.069** | | ug/L | 0.052 | 0.00076 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| m,p-Xylenes | **69** | | ug/m3 | 52 | 0.76 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| o-Xylene | **0.021** | J | ug/L | 0.026 | 0.0052 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| o-Xylene | **21** | J | ug/m3 | 26 | 5.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Styrene | ND | | ug/L | 0.026 | 0.0051 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Styrene | ND | | ug/m3 | 26 | 5.1 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Bromoform | ND | | ug/L | 0.062 | 0.012 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Bromoform | ND | | ug/m3 | 62 | 12 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.041 | 0.0082 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 41 | 8.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.029 | 0.0059 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 29 | 5.9 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.029 | 0.0059 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 29 | 5.9 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.074 | 0.0059 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 74 | 5.9 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Benzyl chloride | ND | | ug/L | 0.078 | 0.0062 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Benzyl chloride | ND | | ug/m3 | 78 | 6.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.036 | 0.0072 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 36 | 7.2 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.22 | 0.0089 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 220 | 8.9 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.064 | 0.013 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 64 | 13 | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Xylene (total) | **0.091** | | ug/L | 0.026 | | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| Xylene (total) | **91** | | ug/m3 | 26 | | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 88% | | %REC | 60-140 | | 30 | 252091 | 09/03/20 04:04 | 09/03/20 04:04 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-23-15'SV | Lab ID: 432616-028 | Collected: 08/22/20 12:32 |
|---|---|---|
| | Matrix: Air | |

| 432616-028 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.011 | 0.011 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,4-Dioxane | ND | | ug/m3 | 11 | 11 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Propylene | ND | | ug/L | 0.0052 | 0.0010 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Propylene | ND | | ug/m3 | 5.2 | 1.0 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Freon 12 | ND | | ug/L | 0.015 | 0.0030 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Freon 12 | ND | | ug/m3 | 15 | 3.0 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Freon 114 | ND | | ug/L | 0.021 | 0.0042 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Freon 114 | ND | | ug/m3 | 21 | 4.2 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Chloromethane | ND | | ug/L | 0.0062 | 0.0012 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Chloromethane | ND | | ug/m3 | 6.2 | 1.2 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Vinyl Chloride | **0.011** | | ug/L | 0.0077 | 0.0015 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Vinyl Chloride | **11** | | ug/m3 | 7.7 | 1.5 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,3-Butadiene | ND | | ug/L | 0.0066 | 0.0013 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,3-Butadiene | ND | | ug/m3 | 6.6 | 1.3 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Bromomethane | ND | | ug/L | 0.012 | 0.0023 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Bromomethane | ND | | ug/m3 | 12 | 2.3 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Chloroethane | ND | | ug/L | 0.0079 | 0.0016 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Chloroethane | ND | | ug/m3 | 7.9 | 1.6 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Trichlorofluoromethane | **0.011** | J | ug/L | 0.017 | 0.0034 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Trichlorofluoromethane | **11** | J | ug/m3 | 17 | 3.4 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1-Dichloroethene | **0.052** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1-Dichloroethene | **52** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Freon 113 | **0.016** | J | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Freon 113 | **16** | J | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Acetone | **0.031** | J | ug/L | 0.036 | 0.018 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Acetone | **31** | J | ug/m3 | 36 | 18 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Carbon Disulfide | ND | | ug/L | 0.0093 | 0.0019 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Carbon Disulfide | ND | | ug/m3 | 9.3 | 1.9 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Isopropanol (IPA) | ND | | ug/L | 0.037 | 0.018 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Isopropanol (IPA) | ND | | ug/m3 | 37 | 18 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Methylene Chloride | **0.0064** | J | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Methylene Chloride | **6.4** | J | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| MTBE | ND | | ug/L | 0.011 | 0.0022 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| MTBE | ND | | ug/m3 | 11 | 2.2 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| n-Hexane | **0.0066** | J | ug/L | 0.011 | 0.0021 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| n-Hexane | **6.6** | J | ug/m3 | 11 | 2.1 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1-Dichloroethane | **1.1** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1-Dichloroethane | **1,100** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-028 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.053 | 0.026 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Vinyl Acetate | ND | | ug/m3 | 53 | 26 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| cis-1,2-Dichloroethene | **0.015** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| cis-1,2-Dichloroethene | **15** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 2-Butanone | ND | | ug/L | 0.044 | 0.022 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 2-Butanone | ND | | ug/m3 | 44 | 22 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Ethyl Acetate | ND | | ug/L | 0.027 | 0.027 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Ethyl Acetate | ND | | ug/m3 | 27 | 27 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Chloroform | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Chloroform | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1,1-Trichloroethane | **0.26** | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1,1-Trichloroethane | **260** | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Cyclohexane | ND | | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Cyclohexane | ND | | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Carbon Tetrachloride | ND | | ug/L | 0.019 | 0.0038 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Carbon Tetrachloride | ND | | ug/m3 | 19 | 3.8 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Benzene | **0.0060** | B,J | ug/L | 0.0096 | 0.0019 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Benzene | **6.0** | B,J | ug/m3 | 9.6 | 1.9 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2-Dichloroethane | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2-Dichloroethane | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| n-Heptane | **0.0065** | J | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| n-Heptane | **6.5** | J | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Trichloroethene | **0.42** | | ug/L | 0.016 | 0.0032 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Trichloroethene | **420** | | ug/m3 | 16 | 3.2 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2-Dichloropropane | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2-Dichloropropane | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Bromodichloromethane | ND | | ug/L | 0.020 | 0.0040 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Bromodichloromethane | ND | | ug/m3 | 20 | 4.0 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Toluene | **0.053** | | ug/L | 0.011 | 0.0023 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Toluene | **53** | | ug/m3 | 11 | 2.3 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Tetrachloroethene | **0.36** | | ug/L | 0.020 | 0.0041 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Tetrachloroethene | **360** | | ug/m3 | 20 | 4.1 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 2-Hexanone | ND | | ug/L | 0.012 | 0.012 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 2-Hexanone | ND | | ug/m3 | 12 | 12 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Dibromochloromethane | ND | | ug/L | 0.026 | 0.0051 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Dibromochloromethane | ND | | ug/m3 | 26 | 5.1 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2-Dibromoethane | ND | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2-Dibromoethane | ND | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-028 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Chlorobenzene | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Ethylbenzene | ND | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Ethylbenzene | ND | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| m,p-Xylenes | **0.0066** | J | ug/L | 0.026 | 0.00038 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| m,p-Xylenes | **6.6** | J | ug/m3 | 26 | 0.38 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| o-Xylene | **0.0029** | J | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| o-Xylene | **2.9** | J | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Styrene | ND | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Styrene | ND | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Bromoform | ND | | ug/L | 0.031 | 0.0062 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Bromoform | ND | | ug/m3 | 31 | 6.2 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.021 | 0.0041 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 21 | 4.1 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 4-Ethyltoluene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 4-Ethyltoluene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Benzyl chloride | ND | | ug/L | 0.016 | 0.0031 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Benzyl chloride | ND | | ug/m3 | 16 | 3.1 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.022 | 0.0045 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 22 | 4.5 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Hexachlorobutadiene | ND | | ug/L | 0.032 | 0.0064 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Hexachlorobutadiene | ND | | ug/m3 | 32 | 6.4 | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Xylene (total) | **0.0095** | J | ug/L | 0.013 | | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| Xylene (total) | **9.5** | J | ug/m3 | 13 | | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 100% | | %REC | 60-140 | | 15 | 252005 | 09/02/20 01:22 | 09/02/20 01:22 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-24-5'SV | Lab ID: 432616-029 | Collected: 08/21/20 13:27 |
|---|---|---|
| | Matrix: Air | |

| 432616-029 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.011 | 0.011 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,4-Dioxane | ND | | ug/m3 | 11 | 11 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Propylene | ND | | ug/L | 0.0052 | 0.0010 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Propylene | ND | | ug/m3 | 5.2 | 1.0 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Freon 12 | ND | | ug/L | 0.015 | 0.0030 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Freon 12 | ND | | ug/m3 | 15 | 3.0 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Freon 114 | ND | | ug/L | 0.021 | 0.0042 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Freon 114 | ND | | ug/m3 | 21 | 4.2 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Chloromethane | ND | | ug/L | 0.0062 | 0.0012 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Chloromethane | ND | | ug/m3 | 6.2 | 1.2 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Vinyl Chloride | ND | | ug/L | 0.0077 | 0.0015 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Vinyl Chloride | ND | | ug/m3 | 7.7 | 1.5 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,3-Butadiene | **0.0031** | J | ug/L | 0.0066 | 0.0013 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,3-Butadiene | **3.1** | J | ug/m3 | 6.6 | 1.3 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Bromomethane | ND | | ug/L | 0.012 | 0.0023 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Bromomethane | ND | | ug/m3 | 12 | 2.3 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Chloroethane | ND | | ug/L | 0.0079 | 0.0016 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Chloroethane | ND | | ug/m3 | 7.9 | 1.6 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Trichlorofluoromethane | **0.014** | J | ug/L | 0.017 | 0.0034 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Trichlorofluoromethane | **14** | J | ug/m3 | 17 | 3.4 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Freon 113 | **0.036** | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Freon 113 | **36** | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Acetone | **0.12** | | ug/L | 0.036 | 0.018 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Acetone | **120** | | ug/m3 | 36 | 18 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Carbon Disulfide | ND | | ug/L | 0.0093 | 0.0019 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Carbon Disulfide | ND | | ug/m3 | 9.3 | 1.9 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Isopropanol (IPA) | ND | | ug/L | 0.037 | 0.018 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Isopropanol (IPA) | ND | | ug/m3 | 37 | 18 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Methylene Chloride | ND | | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Methylene Chloride | ND | | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| MTBE | ND | | ug/L | 0.011 | 0.0022 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| MTBE | ND | | ug/m3 | 11 | 2.2 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| n-Hexane | **0.0086** | J | ug/L | 0.011 | 0.0021 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| n-Hexane | **8.6** | J | ug/m3 | 11 | 2.1 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1-Dichloroethane | **0.0086** | J | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1-Dichloroethane | **8.6** | J | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-029 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.053 | 0.026 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Vinyl Acetate | ND | | ug/m3 | 53 | 26 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| cis-1,2-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 2-Butanone | **0.043** | J | ug/L | 0.044 | 0.022 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 2-Butanone | **43** | J | ug/m3 | 44 | 22 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Ethyl Acetate | ND | | ug/L | 0.027 | 0.027 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Ethyl Acetate | ND | | ug/m3 | 27 | 27 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Chloroform | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Chloroform | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1,1-Trichloroethane | **0.046** | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1,1-Trichloroethane | **46** | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Cyclohexane | **0.0033** | J | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Cyclohexane | **3.3** | J | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Carbon Tetrachloride | ND | | ug/L | 0.019 | 0.0038 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Carbon Tetrachloride | ND | | ug/m3 | 19 | 3.8 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Benzene | **0.019** | B | ug/L | 0.0096 | 0.0019 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Benzene | **19** | B | ug/m3 | 9.6 | 1.9 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2-Dichloroethane | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2-Dichloroethane | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| n-Heptane | **0.0071** | J | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| n-Heptane | **7.1** | J | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Trichloroethene | **0.020** | | ug/L | 0.016 | 0.0032 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Trichloroethene | **20** | | ug/m3 | 16 | 3.2 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2-Dichloropropane | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2-Dichloropropane | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Bromodichloromethane | ND | | ug/L | 0.020 | 0.0040 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Bromodichloromethane | ND | | ug/m3 | 20 | 4.0 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 4-Methyl-2-Pentanone | **0.0052** | J | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 4-Methyl-2-Pentanone | **5.2** | J | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Toluene | **0.22** | | ug/L | 0.011 | 0.0023 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Toluene | **220** | | ug/m3 | 11 | 2.3 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Tetrachloroethene | **0.58** | | ug/L | 0.020 | 0.0041 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Tetrachloroethene | **580** | | ug/m3 | 20 | 4.1 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 2-Hexanone | ND | | ug/L | 0.012 | 0.012 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 2-Hexanone | ND | | ug/m3 | 12 | 12 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Dibromochloromethane | ND | | ug/L | 0.026 | 0.0051 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Dibromochloromethane | ND | | ug/m3 | 26 | 5.1 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2-Dibromoethane | ND | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2-Dibromoethane | ND | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-029 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Chlorobenzene | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Ethylbenzene | **0.023** | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Ethylbenzene | **23** | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| m,p-Xylenes | **0.087** | | ug/L | 0.026 | 0.00038 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| m,p-Xylenes | **87** | | ug/m3 | 26 | 0.38 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| o-Xylene | **0.026** | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| o-Xylene | **26** | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Styrene | **0.0093** | J | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Styrene | **9.3** | J | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Bromoform | ND | | ug/L | 0.031 | 0.0062 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Bromoform | ND | | ug/m3 | 31 | 6.2 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.021 | 0.0041 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 21 | 4.1 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 4-Ethyltoluene | **0.016** | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 4-Ethyltoluene | **16** | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2,4-Trimethylbenzene | **0.018** | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2,4-Trimethylbenzene | **18** | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Benzyl chloride | ND | | ug/L | 0.016 | 0.0031 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Benzyl chloride | ND | | ug/m3 | 16 | 3.1 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.022 | 0.0045 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 22 | 4.5 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Hexachlorobutadiene | ND | | ug/L | 0.032 | 0.0064 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Hexachlorobutadiene | ND | | ug/m3 | 32 | 6.4 | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Xylene (total) | **0.11** | | ug/L | 0.013 | | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| Xylene (total) | **110** | | ug/m3 | 13 | | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 95% | | %REC | 60-140 | | 15 | 252005 | 09/02/20 02:13 | 09/02/20 02:13 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-24-15'SV | Lab ID: 432616-030 | Collected: 08/21/20 13:30 |
|---|---|---|
| | Matrix: Air | |

| 432616-030 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.011 | 0.011 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,4-Dioxane | ND | | ug/m3 | 11 | 11 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Propylene | ND | | ug/L | 0.0052 | 0.0010 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Propylene | ND | | ug/m3 | 5.2 | 1.0 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Freon 12 | ND | | ug/L | 0.015 | 0.0030 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Freon 12 | ND | | ug/m3 | 15 | 3.0 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Freon 114 | ND | | ug/L | 0.021 | 0.0042 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Freon 114 | ND | | ug/m3 | 21 | 4.2 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Chloromethane | ND | | ug/L | 0.0062 | 0.0012 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Chloromethane | ND | | ug/m3 | 6.2 | 1.2 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Vinyl Chloride | **0.0041** | J | ug/L | 0.0077 | 0.0015 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Vinyl Chloride | **4.1** | J | ug/m3 | 7.7 | 1.5 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,3-Butadiene | ND | | ug/L | 0.0066 | 0.0013 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,3-Butadiene | ND | | ug/m3 | 6.6 | 1.3 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Bromomethane | ND | | ug/L | 0.012 | 0.0023 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Bromomethane | ND | | ug/m3 | 12 | 2.3 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Chloroethane | ND | | ug/L | 0.0079 | 0.0016 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Chloroethane | ND | | ug/m3 | 7.9 | 1.6 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Trichlorofluoromethane | **0.014** | J | ug/L | 0.017 | 0.0034 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Trichlorofluoromethane | **14** | J | ug/m3 | 17 | 3.4 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1-Dichloroethene | **0.0033** | J | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1-Dichloroethene | **3.3** | J | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Freon 113 | **0.052** | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Freon 113 | **52** | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Acetone | **0.064** | | ug/L | 0.036 | 0.018 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Acetone | **64** | | ug/m3 | 36 | 18 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Carbon Disulfide | ND | | ug/L | 0.0093 | 0.0019 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Carbon Disulfide | ND | | ug/m3 | 9.3 | 1.9 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Isopropanol (IPA) | ND | | ug/L | 0.037 | 0.018 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Isopropanol (IPA) | ND | | ug/m3 | 37 | 18 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Methylene Chloride | ND | | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Methylene Chloride | ND | | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| MTBE | ND | | ug/L | 0.011 | 0.0022 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| MTBE | ND | | ug/m3 | 11 | 2.2 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| n-Hexane | **0.0039** | J | ug/L | 0.011 | 0.0021 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| n-Hexane | **3.9** | J | ug/m3 | 11 | 2.1 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1-Dichloroethane | **0.089** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1-Dichloroethane | **89** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-030 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.053 | 0.026 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Vinyl Acetate | ND | | ug/m3 | 53 | 26 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| cis-1,2-Dichloroethene | **0.0062** | J | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| cis-1,2-Dichloroethene | **6.2** | J | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 2-Butanone | **0.024** | J | ug/L | 0.044 | 0.022 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 2-Butanone | **24** | J | ug/m3 | 44 | 22 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Ethyl Acetate | ND | | ug/L | 0.027 | 0.027 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Ethyl Acetate | ND | | ug/m3 | 27 | 27 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Chloroform | **0.0087** | J | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Chloroform | **8.7** | J | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1,1-Trichloroethane | **0.069** | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1,1-Trichloroethane | **69** | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Cyclohexane | ND | | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Cyclohexane | ND | | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Carbon Tetrachloride | ND | | ug/L | 0.019 | 0.0038 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Carbon Tetrachloride | ND | | ug/m3 | 19 | 3.8 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Benzene | **0.0061** | B,J | ug/L | 0.0096 | 0.0019 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Benzene | **6.1** | B,J | ug/m3 | 9.6 | 1.9 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2-Dichloroethane | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2-Dichloroethane | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| n-Heptane | **0.0041** | J | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| n-Heptane | **4.1** | J | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Trichloroethene | **0.12** | | ug/L | 0.016 | 0.0032 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Trichloroethene | **120** | | ug/m3 | 16 | 3.2 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2-Dichloropropane | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2-Dichloropropane | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Bromodichloromethane | ND | | ug/L | 0.020 | 0.0040 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Bromodichloromethane | ND | | ug/m3 | 20 | 4.0 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Toluene | **0.092** | | ug/L | 0.011 | 0.0023 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Toluene | **92** | | ug/m3 | 11 | 2.3 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Tetrachloroethene | **0.98** | | ug/L | 0.020 | 0.0041 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Tetrachloroethene | **980** | | ug/m3 | 20 | 4.1 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 2-Hexanone | ND | | ug/L | 0.012 | 0.012 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 2-Hexanone | ND | | ug/m3 | 12 | 12 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Dibromochloromethane | ND | | ug/L | 0.026 | 0.0051 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Dibromochloromethane | ND | | ug/m3 | 26 | 5.1 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2-Dibromoethane | ND | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2-Dibromoethane | ND | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-030 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Chlorobenzene | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Ethylbenzene | **0.020** | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Ethylbenzene | **20** | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| m,p-Xylenes | **0.075** | | ug/L | 0.026 | 0.00038 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| m,p-Xylenes | **75** | | ug/m3 | 26 | 0.38 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| o-Xylene | **0.022** | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| o-Xylene | **22** | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Styrene | **0.0051** | J | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Styrene | **5.1** | J | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Bromoform | ND | | ug/L | 0.031 | 0.0062 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Bromoform | ND | | ug/m3 | 31 | 6.2 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.021 | 0.0041 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 21 | 4.1 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 4-Ethyltoluene | **0.0036** | J | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 4-Ethyltoluene | **3.6** | J | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2,4-Trimethylbenzene | **0.0053** | J | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2,4-Trimethylbenzene | **5.3** | J | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Benzyl chloride | ND | | ug/L | 0.016 | 0.0031 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Benzyl chloride | ND | | ug/m3 | 16 | 3.1 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.022 | 0.0045 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 22 | 4.5 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Hexachlorobutadiene | ND | | ug/L | 0.032 | 0.0064 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Hexachlorobutadiene | ND | | ug/m3 | 32 | 6.4 | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Xylene (total) | **0.097** | | ug/L | 0.013 | | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| Xylene (total) | **97** | | ug/m3 | 13 | | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 97% | | %REC | 60-140 | | 15 | 252005 | 09/02/20 03:04 | 09/02/20 03:04 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-25-5'SV | Lab ID: 432616-031 | Collected: 08/21/20 15:50 |
|---|---|---|
| | Matrix: Air | |

| 432616-031 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.0022 | 0.0022 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 2.2 | 2.2 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Propylene | ND | | ug/L | 0.0010 | 0.00021 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Propylene | ND | | ug/m3 | 1.0 | 0.21 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Freon 12 | **0.0026** | J | ug/L | 0.0030 | 0.00059 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Freon 12 | **2.6** | J | ug/m3 | 3.0 | 0.59 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Freon 114 | ND | | ug/L | 0.0042 | 0.00084 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Freon 114 | ND | | ug/m3 | 4.2 | 0.84 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Chloromethane | ND | | ug/L | 0.0012 | 0.00025 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Chloromethane | ND | | ug/m3 | 1.2 | 0.25 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Vinyl Chloride | ND | | ug/L | 0.0015 | 0.00031 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Vinyl Chloride | ND | | ug/m3 | 1.5 | 0.31 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,3-Butadiene | **0.0025** | | ug/L | 0.0013 | 0.00027 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,3-Butadiene | **2.5** | | ug/m3 | 1.3 | 0.27 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Bromomethane | ND | | ug/L | 0.0023 | 0.00047 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Bromomethane | ND | | ug/m3 | 2.3 | 0.47 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Chloroethane | ND | | ug/L | 0.0016 | 0.00032 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Chloroethane | ND | | ug/m3 | 1.6 | 0.32 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Trichlorofluoromethane | **0.0029** | J | ug/L | 0.0034 | 0.00067 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Trichlorofluoromethane | **2.9** | J | ug/m3 | 3.4 | 0.67 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1-Dichloroethene | ND | | ug/L | 0.0024 | 0.00048 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1-Dichloroethene | ND | | ug/m3 | 2.4 | 0.48 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Freon 113 | **0.035** | | ug/L | 0.0046 | 0.00092 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Freon 113 | **35** | | ug/m3 | 4.6 | 0.92 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Acetone | **0.046** | | ug/L | 0.0071 | 0.0036 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Acetone | **46** | | ug/m3 | 7.1 | 3.6 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Carbon Disulfide | **0.0035** | | ug/L | 0.0019 | 0.00037 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Carbon Disulfide | **3.5** | | ug/m3 | 1.9 | 0.37 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 0.0074 | 0.0037 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 7.4 | 3.7 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Methylene Chloride | **0.0054** | | ug/L | 0.0021 | 0.00042 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Methylene Chloride | **5.4** | | ug/m3 | 2.1 | 0.42 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.0024 | 0.00048 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 2.4 | 0.48 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| MTBE | ND | | ug/L | 0.0022 | 0.00043 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| MTBE | ND | | ug/m3 | 2.2 | 0.43 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| n-Hexane | **0.0027** | | ug/L | 0.0021 | 0.00042 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| n-Hexane | **2.7** | | ug/m3 | 2.1 | 0.42 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1-Dichloroethane | **0.0016** | J | ug/L | 0.0024 | 0.00049 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1-Dichloroethane | **1.6** | J | ug/m3 | 2.4 | 0.49 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-031 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.011 | 0.0053 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 11 | 5.3 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| cis-1,2-Dichloroethene | **0.0017** | J | ug/L | 0.0024 | 0.00048 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| cis-1,2-Dichloroethene | **1.7** | J | ug/m3 | 2.4 | 0.48 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 2-Butanone | ND | | ug/L | 0.0088 | 0.0044 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 2-Butanone | ND | | ug/m3 | 8.8 | 4.4 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Ethyl Acetate | ND | | ug/L | 0.0054 | 0.0054 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 5.4 | 5.4 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Chloroform | **0.00079** | J | ug/L | 0.0029 | 0.00059 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Chloroform | **0.79** | J | ug/m3 | 2.9 | 0.59 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1,1-Trichloroethane | **0.013** | | ug/L | 0.0033 | 0.00065 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1,1-Trichloroethane | **13** | | ug/m3 | 3.3 | 0.65 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Cyclohexane | **0.00086** | J | ug/L | 0.0021 | 0.00041 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Cyclohexane | **0.86** | J | ug/m3 | 2.1 | 0.41 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 0.0038 | 0.00075 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 3.8 | 0.75 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Benzene | **0.0049** | | ug/L | 0.0019 | 0.00038 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Benzene | **4.9** | | ug/m3 | 1.9 | 0.38 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 0.0024 | 0.00049 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 2.4 | 0.49 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| n-Heptane | **0.0027** | | ug/L | 0.0025 | 0.00049 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| n-Heptane | **2.7** | | ug/m3 | 2.5 | 0.49 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Trichloroethene | **0.0069** | | ug/L | 0.0032 | 0.00064 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Trichloroethene | **6.9** | | ug/m3 | 3.2 | 0.64 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 0.0028 | 0.00055 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 2.8 | 0.55 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Bromodichloromethane | ND | | ug/L | 0.0040 | 0.00080 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 4.0 | 0.80 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.0027 | 0.00054 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 2.7 | 0.54 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.0025 | 0.00049 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 2.5 | 0.49 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Toluene | **0.033** | | ug/L | 0.0023 | 0.00045 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Toluene | **33** | | ug/m3 | 2.3 | 0.45 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.0027 | 0.00054 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 2.7 | 0.54 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.0033 | 0.00065 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 3.3 | 0.65 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Tetrachloroethene | **0.15** | | ug/L | 0.0041 | 0.00081 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Tetrachloroethene | **150** | | ug/m3 | 4.1 | 0.81 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 2-Hexanone | ND | | ug/L | 0.0025 | 0.0025 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 2-Hexanone | ND | | ug/m3 | 2.5 | 2.5 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Dibromochloromethane | ND | | ug/L | 0.0051 | 0.0010 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 5.1 | 1.0 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 0.0046 | 0.00092 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 4.6 | 0.92 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-031 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.0028 | 0.00055 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Chlorobenzene | ND | | ug/m3 | 2.8 | 0.55 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Ethylbenzene | **0.060** | | ug/L | 0.0026 | 0.00052 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Ethylbenzene | **60** | | ug/m3 | 2.6 | 0.52 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| m,p-Xylenes | **0.31** | | ug/L | 0.0052 | 0.000076 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| m,p-Xylenes | **310** | | ug/m3 | 5.2 | 0.076 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| o-Xylene | **0.11** | | ug/L | 0.0026 | 0.00052 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| o-Xylene | **110** | | ug/m3 | 2.6 | 0.52 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Styrene | **0.0036** | | ug/L | 0.0026 | 0.00051 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Styrene | **3.6** | | ug/m3 | 2.6 | 0.51 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Bromoform | ND | | ug/L | 0.0062 | 0.0012 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Bromoform | ND | | ug/m3 | 6.2 | 1.2 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.0041 | 0.00082 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 4.1 | 0.82 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 4-Ethyltoluene | **0.0053** | | ug/L | 0.0029 | 0.00059 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 4-Ethyltoluene | **5.3** | | ug/m3 | 2.9 | 0.59 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.0029 | 0.00059 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 2.9 | 0.59 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2,4-Trimethylbenzene | **0.0040** | | ug/L | 0.0029 | 0.00059 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2,4-Trimethylbenzene | **4.0** | | ug/m3 | 2.9 | 0.59 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Benzyl chloride | ND | | ug/L | 0.0031 | 0.00062 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Benzyl chloride | ND | | ug/m3 | 3.1 | 0.62 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.0036 | 0.00072 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 3.6 | 0.72 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.0045 | 0.00089 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 4.5 | 0.89 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 0.0064 | 0.0013 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 6.4 | 1.3 | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Xylene (total) | **0.41** | | ug/L | 0.0026 | | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| Xylene (total) | **410** | | ug/m3 | 2.6 | | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 103% | | %REC | 60-140 | | 3 | 252068 | 09/03/20 00:31 | 09/03/20 00:31 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-25-15'SV | Lab ID: 432616-032 | Collected: 08/21/20 15:51 |
|---|---|---|
| | Matrix: Air | |

| 432616-032 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.011 | 0.011 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,4-Dioxane | ND | | ug/m3 | 11 | 11 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Propylene | ND | | ug/L | 0.0052 | 0.0010 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Propylene | ND | | ug/m3 | 5.2 | 1.0 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Freon 12 | **0.0038** | J | ug/L | 0.015 | 0.0030 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Freon 12 | **3.8** | J | ug/m3 | 15 | 3.0 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Freon 114 | ND | | ug/L | 0.021 | 0.0042 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Freon 114 | ND | | ug/m3 | 21 | 4.2 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Chloromethane | ND | | ug/L | 0.0062 | 0.0012 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Chloromethane | ND | | ug/m3 | 6.2 | 1.2 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Vinyl Chloride | ND | | ug/L | 0.0077 | 0.0015 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Vinyl Chloride | ND | | ug/m3 | 7.7 | 1.5 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,3-Butadiene | ND | | ug/L | 0.0066 | 0.0013 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,3-Butadiene | ND | | ug/m3 | 6.6 | 1.3 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Bromomethane | ND | | ug/L | 0.012 | 0.0023 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Bromomethane | ND | | ug/m3 | 12 | 2.3 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Chloroethane | ND | | ug/L | 0.0079 | 0.0016 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Chloroethane | ND | | ug/m3 | 7.9 | 1.6 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Trichlorofluoromethane | ND | | ug/L | 0.017 | 0.0034 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Trichlorofluoromethane | ND | | ug/m3 | 17 | 3.4 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Freon 113 | **0.16** | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Freon 113 | **160** | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Acetone | **0.041** | | ug/L | 0.036 | 0.018 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Acetone | **41** | | ug/m3 | 36 | 18 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Carbon Disulfide | ND | | ug/L | 0.0093 | 0.0019 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Carbon Disulfide | ND | | ug/m3 | 9.3 | 1.9 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Isopropanol (IPA) | ND | | ug/L | 0.037 | 0.018 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Isopropanol (IPA) | ND | | ug/m3 | 37 | 18 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Methylene Chloride | **0.0084** | J | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Methylene Chloride | **8.4** | J | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| MTBE | ND | | ug/L | 0.011 | 0.0022 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| MTBE | ND | | ug/m3 | 11 | 2.2 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| n-Hexane | ND | | ug/L | 0.011 | 0.0021 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| n-Hexane | ND | | ug/m3 | 11 | 2.1 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1-Dichloroethane | **0.021** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1-Dichloroethane | **21** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-032 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.053 | 0.026 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Vinyl Acetate | ND | | ug/m3 | 53 | 26 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| cis-1,2-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 2-Butanone | ND | | ug/L | 0.044 | 0.022 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 2-Butanone | ND | | ug/m3 | 44 | 22 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Ethyl Acetate | ND | | ug/L | 0.027 | 0.027 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Ethyl Acetate | ND | | ug/m3 | 27 | 27 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Chloroform | **0.0046** | J | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Chloroform | **4.6** | J | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1,1-Trichloroethane | **0.034** | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1,1-Trichloroethane | **34** | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Cyclohexane | ND | | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Cyclohexane | ND | | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Carbon Tetrachloride | ND | | ug/L | 0.019 | 0.0038 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Carbon Tetrachloride | ND | | ug/m3 | 19 | 3.8 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Benzene | **0.0025** | B,J | ug/L | 0.0096 | 0.0019 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Benzene | **2.5** | B,J | ug/m3 | 9.6 | 1.9 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2-Dichloroethane | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2-Dichloroethane | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| n-Heptane | ND | | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| n-Heptane | ND | | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Trichloroethene | **0.071** | | ug/L | 0.016 | 0.0032 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Trichloroethene | **71** | | ug/m3 | 16 | 3.2 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2-Dichloropropane | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2-Dichloropropane | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Bromodichloromethane | ND | | ug/L | 0.020 | 0.0040 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Bromodichloromethane | ND | | ug/m3 | 20 | 4.0 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Toluene | **0.011** | J | ug/L | 0.011 | 0.0023 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Toluene | **11** | J | ug/m3 | 11 | 2.3 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Tetrachloroethene | **0.68** | | ug/L | 0.020 | 0.0041 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Tetrachloroethene | **680** | | ug/m3 | 20 | 4.1 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 2-Hexanone | ND | | ug/L | 0.012 | 0.012 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 2-Hexanone | ND | | ug/m3 | 12 | 12 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Dibromochloromethane | ND | | ug/L | 0.026 | 0.0051 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Dibromochloromethane | ND | | ug/m3 | 26 | 5.1 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2-Dibromoethane | ND | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2-Dibromoethane | ND | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-032 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Chlorobenzene | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Ethylbenzene | **0.070** | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Ethylbenzene | **70** | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| m,p-Xylenes | **0.34** | | ug/L | 0.026 | 0.00038 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| m,p-Xylenes | **340** | | ug/m3 | 26 | 0.38 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| o-Xylene | **0.14** | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| o-Xylene | **140** | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Styrene | ND | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Styrene | ND | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Bromoform | ND | | ug/L | 0.031 | 0.0062 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Bromoform | ND | | ug/m3 | 31 | 6.2 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.021 | 0.0041 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 21 | 4.1 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 4-Ethyltoluene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 4-Ethyltoluene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Benzyl chloride | ND | | ug/L | 0.016 | 0.0031 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Benzyl chloride | ND | | ug/m3 | 16 | 3.1 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.022 | 0.0045 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 22 | 4.5 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Hexachlorobutadiene | ND | | ug/L | 0.032 | 0.0064 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Hexachlorobutadiene | ND | | ug/m3 | 32 | 6.4 | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Xylene (total) | **0.49** | | ug/L | 0.013 | | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| Xylene (total) | **490** | | ug/m3 | 13 | | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 100% | | %REC | 60-140 | | 15 | 252005 | 09/01/20 22:48 | 09/01/20 22:48 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-27-5'SV | Lab ID: 432616-033 | Collected: 08/21/20 14:32 |
|---|---|---|
| | Matrix: Air | |

| 432616-033 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.011 | 0.011 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,4-Dioxane | ND | | ug/m3 | 11 | 11 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Propylene | ND | | ug/L | 0.0052 | 0.0010 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Propylene | ND | | ug/m3 | 5.2 | 1.0 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Freon 12 | ND | | ug/L | 0.015 | 0.0030 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Freon 12 | ND | | ug/m3 | 15 | 3.0 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Freon 114 | ND | | ug/L | 0.021 | 0.0042 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Freon 114 | ND | | ug/m3 | 21 | 4.2 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Chloromethane | ND | | ug/L | 0.0062 | 0.0012 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Chloromethane | ND | | ug/m3 | 6.2 | 1.2 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Vinyl Chloride | **0.018** | | ug/L | 0.0077 | 0.0015 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Vinyl Chloride | **18** | | ug/m3 | 7.7 | 1.5 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,3-Butadiene | ND | | ug/L | 0.0066 | 0.0013 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,3-Butadiene | ND | | ug/m3 | 6.6 | 1.3 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Bromomethane | ND | | ug/L | 0.012 | 0.0023 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Bromomethane | ND | | ug/m3 | 12 | 2.3 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Chloroethane | ND | | ug/L | 0.0079 | 0.0016 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Chloroethane | ND | | ug/m3 | 7.9 | 1.6 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Trichlorofluoromethane | **0.018** | | ug/L | 0.017 | 0.0034 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Trichlorofluoromethane | **18** | | ug/m3 | 17 | 3.4 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1-Dichloroethene | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1-Dichloroethene | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Freon 113 | **1.2** | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Freon 113 | **1,200** | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Acetone | **0.16** | | ug/L | 0.036 | 0.018 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Acetone | **160** | | ug/m3 | 36 | 18 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Carbon Disulfide | **0.027** | | ug/L | 0.0093 | 0.0019 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Carbon Disulfide | **27** | | ug/m3 | 9.3 | 1.9 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Isopropanol (IPA) | ND | | ug/L | 0.037 | 0.018 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Isopropanol (IPA) | ND | | ug/m3 | 37 | 18 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Methylene Chloride | ND | | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Methylene Chloride | ND | | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| trans-1,2-Dichloroethene | **0.039** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| trans-1,2-Dichloroethene | **39** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| MTBE | ND | | ug/L | 0.011 | 0.0022 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| MTBE | ND | | ug/m3 | 11 | 2.2 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| n-Hexane | **0.012** | | ug/L | 0.011 | 0.0021 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| n-Hexane | **12** | | ug/m3 | 11 | 2.1 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1-Dichloroethane | **0.96** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1-Dichloroethane | **960** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-033 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.053 | 0.026 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Vinyl Acetate | ND | | ug/m3 | 53 | 26 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| cis-1,2-Dichloroethene | **0.58** | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| cis-1,2-Dichloroethene | **580** | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 2-Butanone | ND | | ug/L | 0.044 | 0.022 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 2-Butanone | ND | | ug/m3 | 44 | 22 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Ethyl Acetate | ND | | ug/L | 0.027 | 0.027 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Ethyl Acetate | ND | | ug/m3 | 27 | 27 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Chloroform | **0.0096** | J | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Chloroform | **9.6** | J | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1,1-Trichloroethane | **0.024** | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1,1-Trichloroethane | **24** | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Cyclohexane | **0.0064** | J | ug/L | 0.010 | 0.0021 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Cyclohexane | **6.4** | J | ug/m3 | 10 | 2.1 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Carbon Tetrachloride | ND | | ug/L | 0.019 | 0.0038 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Carbon Tetrachloride | ND | | ug/m3 | 19 | 3.8 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Benzene | **0.014** | B | ug/L | 0.0096 | 0.0019 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Benzene | **14** | B | ug/m3 | 9.6 | 1.9 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2-Dichloroethane | ND | | ug/L | 0.012 | 0.0024 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2-Dichloroethane | ND | | ug/m3 | 12 | 2.4 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| n-Heptane | **0.018** | | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| n-Heptane | **18** | | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Trichloroethene | **2.5** | | ug/L | 0.016 | 0.0032 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Trichloroethene | **2,500** | | ug/m3 | 16 | 3.2 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2-Dichloropropane | **0.0037** | J | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2-Dichloropropane | **3.7** | J | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Bromodichloromethane | ND | | ug/L | 0.020 | 0.0040 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Bromodichloromethane | ND | | ug/m3 | 20 | 4.0 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.012 | 0.0025 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 12 | 2.5 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Toluene | **0.16** | | ug/L | 0.011 | 0.0023 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Toluene | **160** | | ug/m3 | 11 | 2.3 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.014 | 0.0027 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 14 | 2.7 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.016 | 0.0033 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 16 | 3.3 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Tetrachloroethene | **0.39** | | ug/L | 0.020 | 0.0041 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Tetrachloroethene | **390** | | ug/m3 | 20 | 4.1 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 2-Hexanone | ND | | ug/L | 0.012 | 0.012 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 2-Hexanone | ND | | ug/m3 | 12 | 12 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Dibromochloromethane | ND | | ug/L | 0.026 | 0.0051 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Dibromochloromethane | ND | | ug/m3 | 26 | 5.1 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2-Dibromoethane | ND | | ug/L | 0.023 | 0.0046 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2-Dibromoethane | ND | | ug/m3 | 23 | 4.6 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-033 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.014 | 0.0028 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Chlorobenzene | ND | | ug/m3 | 14 | 2.8 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Ethylbenzene | **0.021** | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Ethylbenzene | **21** | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| m,p-Xylenes | **0.092** | | ug/L | 0.026 | 0.00038 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| m,p-Xylenes | **92** | | ug/m3 | 26 | 0.38 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| o-Xylene | **0.030** | | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| o-Xylene | **30** | | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Styrene | **0.0026** | J | ug/L | 0.013 | 0.0026 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Styrene | **2.6** | J | ug/m3 | 13 | 2.6 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Bromoform | ND | | ug/L | 0.031 | 0.0062 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Bromoform | ND | | ug/m3 | 31 | 6.2 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.021 | 0.0041 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 21 | 4.1 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 4-Ethyltoluene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 4-Ethyltoluene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2,4-Trimethylbenzene | **0.0091** | J | ug/L | 0.015 | 0.0029 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2,4-Trimethylbenzene | **9.1** | J | ug/m3 | 15 | 2.9 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Benzyl chloride | ND | | ug/L | 0.016 | 0.0031 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Benzyl chloride | ND | | ug/m3 | 16 | 3.1 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.018 | 0.0036 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 18 | 3.6 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.022 | 0.0045 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 22 | 4.5 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Hexachlorobutadiene | ND | | ug/L | 0.032 | 0.0064 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Hexachlorobutadiene | ND | | ug/m3 | 32 | 6.4 | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Xylene (total) | **0.12** | | ug/L | 0.013 | | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| Xylene (total) | **120** | | ug/m3 | 13 | | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 96% | | %REC | 60-140 | | 15 | 252005 | 09/01/20 23:39 | 09/01/20 23:39 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-27-15'SV | Lab ID: 432616-034 | Collected: 08/21/20 14:30 |
|---|---|---|
| | Matrix: Air | |

| 432616-034 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.054 | 0.054 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,4-Dioxane | ND | | ug/m3 | 54 | 54 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Propylene | ND | | ug/L | 0.026 | 0.0052 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Propylene | ND | | ug/m3 | 26 | 5.2 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Freon 12 | ND | | ug/L | 0.074 | 0.015 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Freon 12 | ND | | ug/m3 | 74 | 15 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Freon 114 | ND | | ug/L | 0.10 | 0.021 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Freon 114 | ND | | ug/m3 | 100 | 21 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Chloromethane | ND | | ug/L | 0.031 | 0.0062 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Chloromethane | ND | | ug/m3 | 31 | 6.2 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Vinyl Chloride | **0.043** | | ug/L | 0.038 | 0.0077 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Vinyl Chloride | **43** | | ug/m3 | 38 | 7.7 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,3-Butadiene | ND | | ug/L | 0.033 | 0.0066 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,3-Butadiene | ND | | ug/m3 | 33 | 6.6 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Bromomethane | ND | | ug/L | 0.058 | 0.012 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Bromomethane | ND | | ug/m3 | 58 | 12 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Chloroethane | ND | | ug/L | 0.040 | 0.0079 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Chloroethane | ND | | ug/m3 | 40 | 7.9 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Trichlorofluoromethane | ND | | ug/L | 0.084 | 0.017 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Trichlorofluoromethane | ND | | ug/m3 | 84 | 17 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1-Dichloroethene | **0.025** | J | ug/L | 0.059 | 0.012 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1-Dichloroethene | **25** | J | ug/m3 | 59 | 12 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Freon 113 | **0.27** | | ug/L | 0.11 | 0.023 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Freon 113 | **270** | | ug/m3 | 110 | 23 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Acetone | **2.8** | | ug/L | 0.18 | 0.089 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Acetone | **2,800** | | ug/m3 | 180 | 89 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Carbon Disulfide | ND | | ug/L | 0.047 | 0.0093 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Carbon Disulfide | ND | | ug/m3 | 47 | 9.3 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Isopropanol (IPA) | **0.70** | | ug/L | 0.18 | 0.092 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Isopropanol (IPA) | **700** | | ug/m3 | 180 | 92 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Methylene Chloride | **6.2** | | ug/L | 0.052 | 0.010 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Methylene Chloride | **6,200** | | ug/m3 | 52 | 10 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| trans-1,2-Dichloroethene | **0.059** | | ug/L | 0.059 | 0.012 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| trans-1,2-Dichloroethene | **59** | | ug/m3 | 59 | 12 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| MTBE | ND | | ug/L | 0.054 | 0.011 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| MTBE | ND | | ug/m3 | 54 | 11 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| n-Hexane | **9.0** | | ug/L | 0.053 | 0.011 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| n-Hexane | **9,000** | | ug/m3 | 53 | 11 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1-Dichloroethane | **2.6** | | ug/L | 0.061 | 0.012 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1-Dichloroethane | **2,600** | | ug/m3 | 61 | 12 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-034 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.26 | 0.13 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Vinyl Acetate | ND | | ug/m3 | 260 | 130 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| cis-1,2-Dichloroethene | **2.3** | | ug/L | 0.059 | 0.012 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| cis-1,2-Dichloroethene | **2,300** | | ug/m3 | 59 | 12 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 2-Butanone | ND | | ug/L | 0.22 | 0.11 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 2-Butanone | ND | | ug/m3 | 220 | 110 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Ethyl Acetate | ND | | ug/L | 0.14 | 0.14 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Ethyl Acetate | ND | | ug/m3 | 140 | 140 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Chloroform | ND | | ug/L | 0.073 | 0.015 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Chloroform | ND | | ug/m3 | 73 | 15 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1,1-Trichloroethane | **0.024** | J | ug/L | 0.082 | 0.016 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1,1-Trichloroethane | **24** | J | ug/m3 | 82 | 16 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Cyclohexane | **0.058** | | ug/L | 0.052 | 0.010 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Cyclohexane | **58** | | ug/m3 | 52 | 10 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Carbon Tetrachloride | ND | | ug/L | 0.094 | 0.019 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Carbon Tetrachloride | ND | | ug/m3 | 94 | 19 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Benzene | **0.035** | B,J | ug/L | 0.048 | 0.0096 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Benzene | **35** | B,J | ug/m3 | 48 | 9.6 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2-Dichloroethane | ND | | ug/L | 0.061 | 0.012 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2-Dichloroethane | ND | | ug/m3 | 61 | 12 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| n-Heptane | **0.013** | J | ug/L | 0.061 | 0.012 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| n-Heptane | **13** | J | ug/m3 | 61 | 12 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Trichloroethene | **5.4** | | ug/L | 0.081 | 0.016 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Trichloroethene | **5,400** | | ug/m3 | 81 | 16 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2-Dichloropropane | **0.051** | J | ug/L | 0.069 | 0.014 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2-Dichloropropane | **51** | J | ug/m3 | 69 | 14 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Bromodichloromethane | ND | | ug/L | 0.10 | 0.020 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Bromodichloromethane | ND | | ug/m3 | 100 | 20 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.068 | 0.014 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 68 | 14 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 4-Methyl-2-Pentanone | **0.026** | J | ug/L | 0.061 | 0.012 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 4-Methyl-2-Pentanone | **26** | J | ug/m3 | 61 | 12 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Toluene | **0.14** | | ug/L | 0.057 | 0.011 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Toluene | **140** | | ug/m3 | 57 | 11 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.068 | 0.014 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 68 | 14 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.082 | 0.016 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 82 | 16 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Tetrachloroethene | **6.3** | | ug/L | 0.10 | 0.020 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Tetrachloroethene | **6,300** | | ug/m3 | 100 | 20 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 2-Hexanone | ND | | ug/L | 0.061 | 0.061 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 2-Hexanone | ND | | ug/m3 | 61 | 61 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Dibromochloromethane | ND | | ug/L | 0.13 | 0.026 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Dibromochloromethane | ND | | ug/m3 | 130 | 26 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2-Dibromoethane | ND | | ug/L | 0.12 | 0.023 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2-Dibromoethane | ND | | ug/m3 | 120 | 23 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-034 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.069 | 0.014 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Chlorobenzene | ND | | ug/m3 | 69 | 14 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Ethylbenzene | **0.023** | J | ug/L | 0.065 | 0.013 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Ethylbenzene | **23** | J | ug/m3 | 65 | 13 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| m,p-Xylenes | **0.099** | J | ug/L | 0.13 | 0.0019 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| m,p-Xylenes | **99** | J | ug/m3 | 130 | 1.9 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| o-Xylene | **0.035** | J | ug/L | 0.065 | 0.013 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| o-Xylene | **35** | J | ug/m3 | 65 | 13 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Styrene | **0.026** | J | ug/L | 0.064 | 0.013 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Styrene | **26** | J | ug/m3 | 64 | 13 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Bromoform | ND | | ug/L | 0.16 | 0.031 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Bromoform | ND | | ug/m3 | 160 | 31 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.10 | 0.021 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 100 | 21 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 4-Ethyltoluene | **0.030** | J | ug/L | 0.074 | 0.015 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 4-Ethyltoluene | **30** | J | ug/m3 | 74 | 15 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.074 | 0.015 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 74 | 15 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2,4-Trimethylbenzene | **0.055** | J | ug/L | 0.074 | 0.015 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2,4-Trimethylbenzene | **55** | J | ug/m3 | 74 | 15 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.090 | 0.018 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 90 | 18 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.090 | 0.018 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 90 | 18 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Benzyl chloride | ND | | ug/L | 0.078 | 0.016 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Benzyl chloride | ND | | ug/m3 | 78 | 16 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.090 | 0.018 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 90 | 18 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.11 | 0.022 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 110 | 22 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Hexachlorobutadiene | ND | | ug/L | 0.16 | 0.032 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Hexachlorobutadiene | ND | | ug/m3 | 160 | 32 | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Xylene (total) | **0.13** | J | ug/L | 0.065 | | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| Xylene (total) | **130** | J | ug/m3 | 65 | | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 86% | | %REC | 60-140 | | 75 | 252005 | 09/02/20 03:55 | 09/02/20 03:55 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-28-5'SV | Lab ID: 432616-035 | Collected: 08/22/20 13:35 |
|---|---|---|
| | Matrix: Air | |

| 432616-035 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.11 | 0.11 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 110 | 110 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Propylene | **1.1** | | ug/L | 0.052 | 0.010 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Propylene | **1,100** | | ug/m3 | 52 | 10 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Freon 12 | **0.073** | J | ug/L | 0.15 | 0.030 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Freon 12 | **73** | J | ug/m3 | 150 | 30 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Freon 114 | **0.083** | J | ug/L | 0.21 | 0.042 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Freon 114 | **83** | J | ug/m3 | 210 | 42 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Chloromethane | ND | | ug/L | 0.062 | 0.012 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Chloromethane | ND | | ug/m3 | 62 | 12 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Vinyl Chloride | ND | | ug/L | 0.077 | 0.015 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Vinyl Chloride | ND | | ug/m3 | 77 | 15 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.066 | 0.013 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 66 | 13 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Bromomethane | ND | | ug/L | 0.12 | 0.023 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Bromomethane | ND | | ug/m3 | 120 | 23 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Chloroethane | ND | | ug/L | 0.079 | 0.016 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Chloroethane | ND | | ug/m3 | 79 | 16 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Trichlorofluoromethane | **0.058** | J | ug/L | 0.17 | 0.034 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Trichlorofluoromethane | **58** | J | ug/m3 | 170 | 34 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1-Dichloroethene | ND | | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1-Dichloroethene | ND | | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Freon 113 | **0.089** | J | ug/L | 0.23 | 0.046 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Freon 113 | **89** | J | ug/m3 | 230 | 46 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Acetone | **5.0** | | ug/L | 0.36 | 0.18 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Acetone | **5,000** | | ug/m3 | 360 | 180 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Carbon Disulfide | **0.51** | | ug/L | 0.093 | 0.019 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Carbon Disulfide | **510** | | ug/m3 | 93 | 19 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 0.37 | 0.18 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 370 | 180 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Methylene Chloride | **22** | | ug/L | 0.10 | 0.021 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Methylene Chloride | **22,000** | | ug/m3 | 100 | 21 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| trans-1,2-Dichloroethene | **0.055** | J | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| trans-1,2-Dichloroethene | **55** | J | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| MTBE | **0.030** | J | ug/L | 0.11 | 0.022 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| MTBE | **30** | J | ug/m3 | 110 | 22 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| n-Hexane | **12** | | ug/L | 0.11 | 0.021 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| n-Hexane | **12,000** | | ug/m3 | 110 | 21 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1-Dichloroethane | **0.26** | | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1-Dichloroethane | **260** | | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-035 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.53 | 0.26 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 530 | 260 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| cis-1,2-Dichloroethene | **1.4** | | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| cis-1,2-Dichloroethene | **1,400** | | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 2-Butanone | ND | | ug/L | 0.44 | 0.22 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 2-Butanone | ND | | ug/m3 | 440 | 220 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Ethyl Acetate | ND | | ug/L | 0.27 | 0.27 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 270 | 270 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Chloroform | ND | | ug/L | 0.15 | 0.029 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Chloroform | ND | | ug/m3 | 150 | 29 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.16 | 0.033 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 160 | 33 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Cyclohexane | **0.10** | J | ug/L | 0.10 | 0.021 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Cyclohexane | **100** | J | ug/m3 | 100 | 21 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 0.19 | 0.038 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 190 | 38 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Benzene | **0.10** | | ug/L | 0.096 | 0.019 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Benzene | **100** | | ug/m3 | 96 | 19 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| n-Heptane | **0.076** | J | ug/L | 0.12 | 0.025 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| n-Heptane | **76** | J | ug/m3 | 120 | 25 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Trichloroethene | **0.85** | | ug/L | 0.16 | 0.032 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Trichloroethene | **850** | | ug/m3 | 160 | 32 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 0.14 | 0.028 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 140 | 28 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Bromodichloromethane | ND | | ug/L | 0.20 | 0.040 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 200 | 40 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.14 | 0.027 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 140 | 27 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.12 | 0.025 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 120 | 25 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Toluene | **0.34** | | ug/L | 0.11 | 0.023 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Toluene | **340** | | ug/m3 | 110 | 23 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.14 | 0.027 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 140 | 27 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.16 | 0.033 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 160 | 33 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Tetrachloroethene | **2.2** | | ug/L | 0.20 | 0.041 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Tetrachloroethene | **2,200** | | ug/m3 | 200 | 41 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 2-Hexanone | ND | | ug/L | 0.12 | 0.12 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 2-Hexanone | ND | | ug/m3 | 120 | 120 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Dibromochloromethane | ND | | ug/L | 0.26 | 0.051 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 260 | 51 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 0.23 | 0.046 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 230 | 46 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-035 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.14 | 0.028 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Chlorobenzene | ND | | ug/m3 | 140 | 28 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Ethylbenzene | **0.049** | J | ug/L | 0.13 | 0.026 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Ethylbenzene | **49** | J | ug/m3 | 130 | 26 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| m,p-Xylenes | **0.28** | | ug/L | 0.26 | 0.0038 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| m,p-Xylenes | **280** | | ug/m3 | 260 | 3.8 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| o-Xylene | **0.11** | J | ug/L | 0.13 | 0.026 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| o-Xylene | **110** | J | ug/m3 | 130 | 26 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Styrene | **0.082** | J | ug/L | 0.13 | 0.026 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Styrene | **82** | J | ug/m3 | 130 | 26 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Bromoform | ND | | ug/L | 0.31 | 0.062 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Bromoform | ND | | ug/m3 | 310 | 62 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.21 | 0.041 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 210 | 41 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 4-Ethyltoluene | **0.088** | J | ug/L | 0.15 | 0.029 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 4-Ethyltoluene | **88** | J | ug/m3 | 150 | 29 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,3,5-Trimethylbenzene | **0.055** | J | ug/L | 0.15 | 0.029 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,3,5-Trimethylbenzene | **55** | J | ug/m3 | 150 | 29 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2,4-Trimethylbenzene | **0.11** | J | ug/L | 0.15 | 0.029 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2,4-Trimethylbenzene | **110** | J | ug/m3 | 150 | 29 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Benzyl chloride | ND | | ug/L | 0.16 | 0.031 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Benzyl chloride | ND | | ug/m3 | 160 | 31 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.22 | 0.045 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 220 | 45 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 0.32 | 0.064 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 320 | 64 | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Xylene (total) | **0.39** | | ug/L | 0.13 | | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| Xylene (total) | **390** | | ug/m3 | 130 | | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 82% | | %REC | 60-140 | | 150 | 252068 | 09/03/20 01:23 | 09/03/20 01:23 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-28-15'SV | Lab ID: 432616-036 | Collected: 08/22/20 13:31 |
|---|---|---|
| | Matrix: Air | |

| 432616-036 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.54 | 0.54 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,4-Dioxane | ND | | ug/m3 | 540 | 540 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Propylene | ND | | ug/L | 0.26 | 0.052 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Propylene | ND | | ug/m3 | 260 | 52 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Freon 12 | ND | | ug/L | 0.74 | 0.15 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Freon 12 | ND | | ug/m3 | 740 | 150 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Freon 114 | ND | | ug/L | 1.0 | 0.21 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Freon 114 | ND | | ug/m3 | 1,000 | 210 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Chloromethane | ND | | ug/L | 0.31 | 0.062 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Chloromethane | ND | | ug/m3 | 310 | 62 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Vinyl Chloride | ND | | ug/L | 0.38 | 0.077 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Vinyl Chloride | ND | | ug/m3 | 380 | 77 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,3-Butadiene | ND | | ug/L | 0.33 | 0.066 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,3-Butadiene | ND | | ug/m3 | 330 | 66 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Bromomethane | **0.24** | J | ug/L | 0.58 | 0.12 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Bromomethane | **240** | J | ug/m3 | 580 | 120 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Chloroethane | ND | | ug/L | 0.40 | 0.079 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Chloroethane | ND | | ug/m3 | 400 | 79 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Trichlorofluoromethane | ND | | ug/L | 0.84 | 0.17 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Trichlorofluoromethane | ND | | ug/m3 | 840 | 170 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1-Dichloroethene | ND | | ug/L | 0.59 | 0.12 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1-Dichloroethene | ND | | ug/m3 | 590 | 120 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Freon 113 | **0.44** | J | ug/L | 1.1 | 0.23 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Freon 113 | **440** | J | ug/m3 | 1,100 | 230 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Acetone | **21** | | ug/L | 1.8 | 0.89 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Acetone | **21,000** | | ug/m3 | 1,800 | 890 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Carbon Disulfide | ND | | ug/L | 0.47 | 0.093 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Carbon Disulfide | ND | | ug/m3 | 470 | 93 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Isopropanol (IPA) | **6.8** | | ug/L | 1.8 | 0.92 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Isopropanol (IPA) | **6,800** | | ug/m3 | 1,800 | 920 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Methylene Chloride | **66** | | ug/L | 0.52 | 0.10 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Methylene Chloride | **66,000** | | ug/m3 | 520 | 100 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| trans-1,2-Dichloroethene | **0.22** | J | ug/L | 0.59 | 0.12 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| trans-1,2-Dichloroethene | **220** | J | ug/m3 | 590 | 120 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| MTBE | ND | | ug/L | 0.54 | 0.11 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| MTBE | ND | | ug/m3 | 540 | 110 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| n-Hexane | **72** | | ug/L | 0.53 | 0.11 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| n-Hexane | **72,000** | | ug/m3 | 530 | 110 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1-Dichloroethane | **1.8** | | ug/L | 0.61 | 0.12 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1-Dichloroethane | **1,800** | | ug/m3 | 610 | 120 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-036 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 2.6 | 1.3 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Vinyl Acetate | ND | | ug/m3 | 2,600 | 1,300 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| cis-1,2-Dichloroethene | **1.8** | | ug/L | 0.59 | 0.12 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| cis-1,2-Dichloroethene | **1,800** | | ug/m3 | 590 | 120 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 2-Butanone | ND | | ug/L | 2.2 | 1.1 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 2-Butanone | ND | | ug/m3 | 2,200 | 1,100 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Ethyl Acetate | ND | | ug/L | 1.4 | 1.4 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Ethyl Acetate | ND | | ug/m3 | 1,400 | 1,400 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Chloroform | ND | | ug/L | 0.73 | 0.15 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Chloroform | ND | | ug/m3 | 730 | 150 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1,1-Trichloroethane | **0.31** | J | ug/L | 0.82 | 0.16 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1,1-Trichloroethane | **310** | J | ug/m3 | 820 | 160 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Cyclohexane | **0.51** | J | ug/L | 0.52 | 0.10 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Cyclohexane | **510** | J | ug/m3 | 520 | 100 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Carbon Tetrachloride | ND | | ug/L | 0.94 | 0.19 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Carbon Tetrachloride | ND | | ug/m3 | 940 | 190 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Benzene | **0.33** | B,J | ug/L | 0.48 | 0.096 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Benzene | **330** | B,J | ug/m3 | 480 | 96 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2-Dichloroethane | **0.13** | J | ug/L | 0.61 | 0.12 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2-Dichloroethane | **130** | J | ug/m3 | 610 | 120 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| n-Heptane | **0.17** | J | ug/L | 0.61 | 0.12 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| n-Heptane | **170** | J | ug/m3 | 610 | 120 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Trichloroethene | **8.3** | | ug/L | 0.81 | 0.16 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Trichloroethene | **8,300** | | ug/m3 | 810 | 160 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2-Dichloropropane | **0.18** | J | ug/L | 0.69 | 0.14 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2-Dichloropropane | **180** | J | ug/m3 | 690 | 140 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Bromodichloromethane | ND | | ug/L | 1.0 | 0.20 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Bromodichloromethane | ND | | ug/m3 | 1,000 | 200 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.68 | 0.14 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 680 | 140 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 4-Methyl-2-Pentanone | **0.33** | J | ug/L | 0.61 | 0.12 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 4-Methyl-2-Pentanone | **330** | J | ug/m3 | 610 | 120 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Toluene | **0.83** | | ug/L | 0.57 | 0.11 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Toluene | **830** | | ug/m3 | 570 | 110 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.68 | 0.14 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 680 | 140 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.82 | 0.16 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 820 | 160 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Tetrachloroethene | **32** | | ug/L | 1.0 | 0.20 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Tetrachloroethene | **32,000** | | ug/m3 | 1,000 | 200 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 2-Hexanone | ND | | ug/L | 0.61 | 0.61 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 2-Hexanone | ND | | ug/m3 | 610 | 610 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Dibromochloromethane | ND | | ug/L | 1.3 | 0.26 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Dibromochloromethane | ND | | ug/m3 | 1,300 | 260 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2-Dibromoethane | ND | | ug/L | 1.2 | 0.23 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2-Dibromoethane | ND | | ug/m3 | 1,200 | 230 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-036 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | **0.15** | J | ug/L | 0.69 | 0.14 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Chlorobenzene | **150** | J | ug/m3 | 690 | 140 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Ethylbenzene | **0.27** | J | ug/L | 0.65 | 0.13 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Ethylbenzene | **270** | J | ug/m3 | 650 | 130 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| m,p-Xylenes | **1.0** | J | ug/L | 1.3 | 0.019 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| m,p-Xylenes | **1,000** | J | ug/m3 | 1,300 | 19 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| o-Xylene | **0.41** | J | ug/L | 0.65 | 0.13 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| o-Xylene | **410** | J | ug/m3 | 650 | 130 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Styrene | **0.33** | J | ug/L | 0.64 | 0.13 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Styrene | **330** | J | ug/m3 | 640 | 130 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Bromoform | ND | | ug/L | 1.6 | 0.31 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Bromoform | ND | | ug/m3 | 1,600 | 310 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 1.0 | 0.21 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 1,000 | 210 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 4-Ethyltoluene | **0.19** | J | ug/L | 0.74 | 0.15 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 4-Ethyltoluene | **190** | J | ug/m3 | 740 | 150 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.74 | 0.15 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 740 | 150 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2,4-Trimethylbenzene | **0.52** | J | ug/L | 0.74 | 0.15 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2,4-Trimethylbenzene | **520** | J | ug/m3 | 740 | 150 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,3-Dichlorobenzene | **0.24** | J | ug/L | 0.90 | 0.18 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,3-Dichlorobenzene | **240** | J | ug/m3 | 900 | 180 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,4-Dichlorobenzene | **0.28** | J | ug/L | 0.90 | 0.18 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,4-Dichlorobenzene | **280** | J | ug/m3 | 900 | 180 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Benzyl chloride | ND | | ug/L | 0.78 | 0.16 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Benzyl chloride | ND | | ug/m3 | 780 | 160 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2-Dichlorobenzene | **0.25** | B,J | ug/L | 0.90 | 0.18 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2-Dichlorobenzene | **250** | B,J | ug/m3 | 900 | 180 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2,4-Trichlorobenzene | **1.2** | B | ug/L | 1.1 | 0.22 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| 1,2,4-Trichlorobenzene | **1,200** | B | ug/m3 | 1,100 | 220 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Hexachlorobutadiene | **0.81** | J | ug/L | 1.6 | 0.32 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Hexachlorobutadiene | **810** | J | ug/m3 | 1,600 | 320 | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Xylene (total) | **1.4** | J | ug/L | 0.65 | | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| Xylene (total) | **1,400** | J | ug/m3 | 650 | | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 85% | | %REC | 60-140 | | 750 | 252005 | 09/02/20 05:38 | 09/02/20 05:38 | SLL |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-29-5'SV | Lab ID: 432616-037 | Collected: 08/21/20 13:29 |
|---|---|---|
| | Matrix: Air | |

| 432616-037 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.11 | 0.11 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 110 | 110 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Propylene | **1.3** | | ug/L | 0.052 | 0.010 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Propylene | **1,300** | | ug/m3 | 52 | 10 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Freon 12 | ND | | ug/L | 0.15 | 0.030 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Freon 12 | ND | | ug/m3 | 150 | 30 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Freon 114 | ND | | ug/L | 0.21 | 0.042 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Freon 114 | ND | | ug/m3 | 210 | 42 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Chloromethane | ND | | ug/L | 0.062 | 0.012 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Chloromethane | ND | | ug/m3 | 62 | 12 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Vinyl Chloride | ND | | ug/L | 0.077 | 0.015 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Vinyl Chloride | ND | | ug/m3 | 77 | 15 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.066 | 0.013 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 66 | 13 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Bromomethane | ND | | ug/L | 0.12 | 0.023 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Bromomethane | ND | | ug/m3 | 120 | 23 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Chloroethane | ND | | ug/L | 0.079 | 0.016 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Chloroethane | ND | | ug/m3 | 79 | 16 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Trichlorofluoromethane | ND | | ug/L | 0.17 | 0.034 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Trichlorofluoromethane | ND | | ug/m3 | 170 | 34 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1-Dichloroethene | ND | | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1-Dichloroethene | ND | | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Freon 113 | **0.052** | J | ug/L | 0.23 | 0.046 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Freon 113 | **52** | J | ug/m3 | 230 | 46 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Acetone | **6.0** | | ug/L | 0.36 | 0.18 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Acetone | **6,000** | | ug/m3 | 360 | 180 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Carbon Disulfide | **0.38** | | ug/L | 0.093 | 0.019 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Carbon Disulfide | **380** | | ug/m3 | 93 | 19 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 0.37 | 0.18 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 370 | 180 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Methylene Chloride | **25** | | ug/L | 0.10 | 0.021 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Methylene Chloride | **25,000** | | ug/m3 | 100 | 21 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| trans-1,2-Dichloroethene | **0.040** | J | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| trans-1,2-Dichloroethene | **40** | J | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| MTBE | ND | | ug/L | 0.11 | 0.022 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| MTBE | ND | | ug/m3 | 110 | 22 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| n-Hexane | **13** | | ug/L | 0.11 | 0.021 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| n-Hexane | **13,000** | | ug/m3 | 110 | 21 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1-Dichloroethane | **0.18** | | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1-Dichloroethane | **180** | | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-037 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.53 | 0.26 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 530 | 260 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| cis-1,2-Dichloroethene | **0.27** | | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| cis-1,2-Dichloroethene | **270** | | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 2-Butanone | ND | | ug/L | 0.44 | 0.22 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 2-Butanone | ND | | ug/m3 | 440 | 220 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Ethyl Acetate | **0.27** | | ug/L | 0.27 | 0.27 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Ethyl Acetate | **270** | | ug/m3 | 270 | 270 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Chloroform | ND | | ug/L | 0.15 | 0.029 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Chloroform | ND | | ug/m3 | 150 | 29 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1,1-Trichloroethane | **0.037** | J | ug/L | 0.16 | 0.033 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1,1-Trichloroethane | **37** | J | ug/m3 | 160 | 33 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Cyclohexane | **0.11** | | ug/L | 0.10 | 0.021 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Cyclohexane | **110** | | ug/m3 | 100 | 21 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 0.19 | 0.038 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 190 | 38 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Benzene | **0.067** | J | ug/L | 0.096 | 0.019 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Benzene | **67** | J | ug/m3 | 96 | 19 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 0.12 | 0.024 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 120 | 24 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| n-Heptane | **0.072** | J | ug/L | 0.12 | 0.025 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| n-Heptane | **72** | J | ug/m3 | 120 | 25 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Trichloroethene | **1.3** | | ug/L | 0.16 | 0.032 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Trichloroethene | **1,300** | | ug/m3 | 160 | 32 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 0.14 | 0.028 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 140 | 28 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Bromodichloromethane | ND | | ug/L | 0.20 | 0.040 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 200 | 40 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.14 | 0.027 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 140 | 27 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 4-Methyl-2-Pentanone | **0.071** | J | ug/L | 0.12 | 0.025 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 4-Methyl-2-Pentanone | **71** | J | ug/m3 | 120 | 25 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Toluene | **0.33** | | ug/L | 0.11 | 0.023 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Toluene | **330** | | ug/m3 | 110 | 23 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.14 | 0.027 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 140 | 27 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.16 | 0.033 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 160 | 33 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Tetrachloroethene | **5.5** | | ug/L | 0.20 | 0.041 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Tetrachloroethene | **5,500** | | ug/m3 | 200 | 41 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 2-Hexanone | ND | | ug/L | 0.12 | 0.12 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 2-Hexanone | ND | | ug/m3 | 120 | 120 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Dibromochloromethane | ND | | ug/L | 0.26 | 0.051 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 260 | 51 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 0.23 | 0.046 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 230 | 46 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-037 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.14 | 0.028 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Chlorobenzene | ND | | ug/m3 | 140 | 28 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Ethylbenzene | **0.050** | J | ug/L | 0.13 | 0.026 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Ethylbenzene | **50** | J | ug/m3 | 130 | 26 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| m,p-Xylenes | **0.21** | J | ug/L | 0.26 | 0.0038 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| m,p-Xylenes | **210** | J | ug/m3 | 260 | 3.8 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| o-Xylene | **0.074** | J | ug/L | 0.13 | 0.026 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| o-Xylene | **74** | J | ug/m3 | 130 | 26 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Styrene | **0.075** | J | ug/L | 0.13 | 0.026 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Styrene | **75** | J | ug/m3 | 130 | 26 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Bromoform | ND | | ug/L | 0.31 | 0.062 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Bromoform | ND | | ug/m3 | 310 | 62 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.21 | 0.041 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 210 | 41 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 4-Ethyltoluene | **0.086** | J | ug/L | 0.15 | 0.029 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 4-Ethyltoluene | **86** | J | ug/m3 | 150 | 29 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,3,5-Trimethylbenzene | **0.046** | J | ug/L | 0.15 | 0.029 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,3,5-Trimethylbenzene | **46** | J | ug/m3 | 150 | 29 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2,4-Trimethylbenzene | **0.14** | J | ug/L | 0.15 | 0.029 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2,4-Trimethylbenzene | **140** | J | ug/m3 | 150 | 29 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Benzyl chloride | ND | | ug/L | 0.16 | 0.031 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Benzyl chloride | ND | | ug/m3 | 160 | 31 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.22 | 0.045 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 220 | 45 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 0.32 | 0.064 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 320 | 64 | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Xylene (total) | **0.28** | J | ug/L | 0.13 | | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| Xylene (total) | **280** | J | ug/m3 | 130 | | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 85% | | %REC | 60-140 | | 150 | 252068 | 09/03/20 02:14 | 09/03/20 02:14 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-29-15'SV | Lab ID: 432616-038 | Collected: 08/21/20 13:29 |
|---|---|---|
| | Matrix: Air | |

| 432616-038 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 4.3 | 4.3 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 4,300 | 4,300 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Propylene | ND | | ug/L | 2.1 | 0.41 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Propylene | ND | | ug/m3 | 2,100 | 410 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Freon 12 | ND | | ug/L | 5.9 | 1.2 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Freon 12 | ND | | ug/m3 | 5,900 | 1,200 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Freon 114 | ND | | ug/L | 8.4 | 1.7 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Freon 114 | ND | | ug/m3 | 8,400 | 1,700 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Chloromethane | ND | | ug/L | 2.5 | 0.50 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Chloromethane | ND | | ug/m3 | 2,500 | 500 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Vinyl Chloride | **20** | | ug/L | 3.1 | 0.61 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Vinyl Chloride | **20,000** | | ug/m3 | 3,100 | 610 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,3-Butadiene | ND | | ug/L | 2.7 | 0.53 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 2,700 | 530 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Bromomethane | ND | | ug/L | 4.7 | 0.93 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Bromomethane | ND | | ug/m3 | 4,700 | 930 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Chloroethane | ND | | ug/L | 3.2 | 0.63 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Chloroethane | ND | | ug/m3 | 3,200 | 630 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Trichlorofluoromethane | ND | | ug/L | 6.7 | 1.3 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Trichlorofluoromethane | ND | | ug/m3 | 6,700 | 1,300 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1-Dichloroethene | ND | | ug/L | 4.8 | 0.95 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1-Dichloroethene | ND | | ug/m3 | 4,800 | 950 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Freon 113 | ND | | ug/L | 9.2 | 1.8 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Freon 113 | ND | | ug/m3 | 9,200 | 1,800 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Acetone | **31** | | ug/L | 14 | 7.1 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Acetone | **31,000** | | ug/m3 | 14,000 | 7,100 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Carbon Disulfide | ND | | ug/L | 3.7 | 0.75 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Carbon Disulfide | ND | | ug/m3 | 3,700 | 750 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 15 | 7.4 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 15,000 | 7,400 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Methylene Chloride | **41** | | ug/L | 4.2 | 0.83 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Methylene Chloride | **41,000** | | ug/m3 | 4,200 | 830 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/L | 4.8 | 0.95 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 4,800 | 950 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| MTBE | ND | | ug/L | 4.3 | 0.87 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| MTBE | ND | | ug/m3 | 4,300 | 870 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| n-Hexane | **10** | | ug/L | 4.2 | 0.85 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| n-Hexane | **10,000** | | ug/m3 | 4,200 | 850 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1-Dichloroethane | **6.8** | | ug/L | 4.9 | 0.97 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1-Dichloroethane | **6,800** | | ug/m3 | 4,900 | 970 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-038 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 21 | 11 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 21,000 | 11,000 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| cis-1,2-Dichloroethene | **11** | | ug/L | 4.8 | 0.95 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| cis-1,2-Dichloroethene | **11,000** | | ug/m3 | 4,800 | 950 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 2-Butanone | ND | | ug/L | 18 | 8.8 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 2-Butanone | ND | | ug/m3 | 18,000 | 8,800 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Ethyl Acetate | ND | | ug/L | 11 | 11 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 11,000 | 11,000 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Chloroform | ND | | ug/L | 5.9 | 1.2 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Chloroform | ND | | ug/m3 | 5,900 | 1,200 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/L | 6.5 | 1.3 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 6,500 | 1,300 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Cyclohexane | **13** | | ug/L | 4.1 | 0.83 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Cyclohexane | **13,000** | | ug/m3 | 4,100 | 830 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 7.5 | 1.5 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 7,500 | 1,500 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Benzene | **3.4** | J | ug/L | 3.8 | 0.77 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Benzene | **3,400** | J | ug/m3 | 3,800 | 770 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 4.9 | 0.97 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 4,900 | 970 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| n-Heptane | **83** | | ug/L | 4.9 | 0.98 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| n-Heptane | **83,000** | | ug/m3 | 4,900 | 980 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Trichloroethene | **4.5** | J | ug/L | 6.4 | 1.3 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Trichloroethene | **4,500** | J | ug/m3 | 6,400 | 1,300 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 5.5 | 1.1 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 5,500 | 1,100 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Bromodichloromethane | ND | | ug/L | 8.0 | 1.6 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 8,000 | 1,600 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 5.4 | 1.1 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 5,400 | 1,100 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/L | 4.9 | 0.98 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 4,900 | 980 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Toluene | **230** | | ug/L | 4.5 | 0.90 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Toluene | **230,000** | | ug/m3 | 4,500 | 900 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 5.4 | 1.1 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 5,400 | 1,100 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 6.5 | 1.3 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 6,500 | 1,300 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Tetrachloroethene | **5.2** | J | ug/L | 8.1 | 1.6 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Tetrachloroethene | **5,200** | J | ug/m3 | 8,100 | 1,600 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 2-Hexanone | ND | | ug/L | 4.9 | 4.9 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 2-Hexanone | ND | | ug/m3 | 4,900 | 4,900 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Dibromochloromethane | ND | | ug/L | 10 | 2.0 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 10,000 | 2,000 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 9.2 | 1.8 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 9,200 | 1,800 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-038 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 5.5 | 1.1 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Chlorobenzene | ND | | ug/m3 | 5,500 | 1,100 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Ethylbenzene | **19** | | ug/L | 5.2 | 1.0 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Ethylbenzene | **19,000** | | ug/m3 | 5,200 | 1,000 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| m,p-Xylenes | **70** | | ug/L | 10 | 0.15 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| m,p-Xylenes | **70,000** | | ug/m3 | 10,000 | 150 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| o-Xylene | **24** | | ug/L | 5.2 | 1.0 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| o-Xylene | **24,000** | | ug/m3 | 5,200 | 1,000 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Styrene | **1.4** | J | ug/L | 5.1 | 1.0 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Styrene | **1,400** | J | ug/m3 | 5,100 | 1,000 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Bromoform | ND | | ug/L | 12 | 2.5 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Bromoform | ND | | ug/m3 | 12,000 | 2,500 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 8.2 | 1.6 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 8,200 | 1,600 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 4-Ethyltoluene | **5.1** | J | ug/L | 5.9 | 1.2 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 4-Ethyltoluene | **5,100** | J | ug/m3 | 5,900 | 1,200 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,3,5-Trimethylbenzene | **3.6** | J | ug/L | 5.9 | 1.2 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,3,5-Trimethylbenzene | **3,600** | J | ug/m3 | 5,900 | 1,200 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2,4-Trimethylbenzene | **5.0** | J | ug/L | 5.9 | 1.2 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2,4-Trimethylbenzene | **5,000** | J | ug/m3 | 5,900 | 1,200 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 7.2 | 1.4 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 7,200 | 1,400 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 7.2 | 1.4 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 7,200 | 1,400 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Benzyl chloride | ND | | ug/L | 6.2 | 1.2 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Benzyl chloride | ND | | ug/m3 | 6,200 | 1,200 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 7.2 | 1.4 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 7,200 | 1,400 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 8.9 | 1.8 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 8,900 | 1,800 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 13 | 2.6 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 13,000 | 2,600 | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Xylene (total) | **93** | | ug/L | 5.2 | | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| Xylene (total) | **93,000** | | ug/m3 | 5,200 | | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 90% | | %REC | 60-140 | | 6000 | 252170 | 09/03/20 14:16 | 09/03/20 14:16 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-30-5'SV | Lab ID: 432616-039 | Collected: 08/22/20 13:51 |
|---|---|---|
| | Matrix: Air | |

| 432616-039 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.036 | 0.036 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 36 | 36 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Propylene | ND | | ug/L | 0.017 | 0.0034 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Propylene | ND | | ug/m3 | 17 | 3.4 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Freon 12 | ND | | ug/L | 0.049 | 0.0099 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Freon 12 | ND | | ug/m3 | 49 | 9.9 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Freon 114 | ND | | ug/L | 0.070 | 0.014 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Freon 114 | ND | | ug/m3 | 70 | 14 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Chloromethane | ND | | ug/L | 0.021 | 0.0041 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Chloromethane | ND | | ug/m3 | 21 | 4.1 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.026 | 0.0051 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 26 | 5.1 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.022 | 0.0044 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 22 | 4.4 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Bromomethane | ND | | ug/L | 0.039 | 0.0078 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Bromomethane | ND | | ug/m3 | 39 | 7.8 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Chloroethane | ND | | ug/L | 0.026 | 0.0053 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Chloroethane | ND | | ug/m3 | 26 | 5.3 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.056 | 0.011 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 56 | 11 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.040 | 0.0079 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 40 | 7.9 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Freon 113 | ND | | ug/L | 0.077 | 0.015 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Freon 113 | ND | | ug/m3 | 77 | 15 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Acetone | **0.12** | J | ug/L | 0.24 | 0.059 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Acetone | **120** | J | ug/m3 | 240 | 59 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.031 | 0.0062 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 31 | 6.2 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.12 | 0.061 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 120 | 61 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Methylene Chloride | **0.012** | J | ug/L | 0.087 | 0.0069 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Methylene Chloride | **12** | J | ug/m3 | 87 | 6.9 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.040 | 0.0079 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 40 | 7.9 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| MTBE | ND | | ug/L | 0.036 | 0.0072 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| MTBE | ND | | ug/m3 | 36 | 7.2 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| n-Hexane | **0.015** | J | ug/L | 0.035 | 0.0070 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| n-Hexane | **15** | J | ug/m3 | 35 | 7.0 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1-Dichloroethane | **0.029** | J | ug/L | 0.040 | 0.0081 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1-Dichloroethane | **29** | J | ug/m3 | 40 | 8.1 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-039 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.18 | 0.088 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 180 | 88 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| cis-1,2-Dichloroethene | **0.020** | J | ug/L | 0.040 | 0.0079 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| cis-1,2-Dichloroethene | **20** | J | ug/m3 | 40 | 7.9 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 2-Butanone | ND | | ug/L | 0.15 | 0.074 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 2-Butanone | ND | | ug/m3 | 150 | 74 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.090 | 0.090 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 90 | 90 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Chloroform | ND | | ug/L | 0.049 | 0.0098 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Chloroform | ND | | ug/m3 | 49 | 9.8 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.055 | 0.011 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 55 | 11 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Cyclohexane | ND | | ug/L | 0.034 | 0.0069 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Cyclohexane | ND | | ug/m3 | 34 | 6.9 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.063 | 0.013 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 63 | 13 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Benzene | ND | | ug/L | 0.032 | 0.014 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Benzene | ND | | ug/m3 | 32 | 14 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.040 | 0.034 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 40 | 34 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| n-Heptane | ND | | ug/L | 0.041 | 0.0082 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| n-Heptane | ND | | ug/m3 | 41 | 8.2 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Trichloroethene | **0.33** | | ug/L | 0.054 | 0.011 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Trichloroethene | **330** | | ug/m3 | 54 | 11 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.046 | 0.0092 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 46 | 9.2 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.067 | 0.013 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 67 | 13 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.045 | 0.0091 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 45 | 9.1 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.041 | 0.0082 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 41 | 8.2 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Toluene | **0.051** | | ug/L | 0.038 | 0.0075 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Toluene | **51** | | ug/m3 | 38 | 7.5 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.045 | 0.0091 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 45 | 9.1 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.055 | 0.011 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 55 | 11 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Tetrachloroethene | **1.3** | | ug/L | 0.068 | 0.014 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Tetrachloroethene | **1,300** | | ug/m3 | 68 | 14 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 2-Hexanone | ND | | ug/L | 0.041 | 0.041 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 2-Hexanone | ND | | ug/m3 | 41 | 41 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.085 | 0.017 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 85 | 17 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.077 | 0.015 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 77 | 15 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-039 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.046 | 0.0092 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Chlorobenzene | ND | | ug/m3 | 46 | 9.2 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Ethylbenzene | **0.0090** | J | ug/L | 0.043 | 0.0087 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Ethylbenzene | **9.0** | J | ug/m3 | 43 | 8.7 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| m,p-Xylenes | **0.034** | J | ug/L | 0.087 | 0.0013 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| m,p-Xylenes | **34** | J | ug/m3 | 87 | 1.3 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| o-Xylene | **0.012** | J | ug/L | 0.043 | 0.0087 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| o-Xylene | **12** | J | ug/m3 | 43 | 8.7 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Styrene | ND | | ug/L | 0.043 | 0.0085 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Styrene | ND | | ug/m3 | 43 | 8.5 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Bromoform | ND | | ug/L | 0.10 | 0.021 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Bromoform | ND | | ug/m3 | 100 | 21 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.069 | 0.014 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 69 | 14 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.049 | 0.0098 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 49 | 9.8 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.049 | 0.0098 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 49 | 9.8 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.12 | 0.0098 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 120 | 9.8 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.060 | 0.012 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 60 | 12 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.060 | 0.012 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 60 | 12 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Benzyl chloride | ND | | ug/L | 0.13 | 0.010 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Benzyl chloride | ND | | ug/m3 | 130 | 10 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.060 | 0.012 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 60 | 12 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.37 | 0.015 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 370 | 15 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.11 | 0.021 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 110 | 21 | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Xylene (total) | **0.046** | J | ug/L | 0.043 | | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| Xylene (total) | **46** | J | ug/m3 | 43 | | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 89% | | %REC | 60-140 | | 50 | 252091 | 09/03/20 04:48 | 09/03/20 04:48 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-30-15'SV | Lab ID: 432616-040 | Collected: 08/22/20 13:49 |
|---|---|---|
| | Matrix: Air | |

| 432616-040 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.22 | 0.22 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 220 | 220 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Propylene | ND | | ug/L | 0.10 | 0.021 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Propylene | ND | | ug/m3 | 100 | 21 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Freon 12 | ND | | ug/L | 0.30 | 0.059 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Freon 12 | ND | | ug/m3 | 300 | 59 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Freon 114 | ND | | ug/L | 0.42 | 0.084 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Freon 114 | ND | | ug/m3 | 420 | 84 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Chloromethane | ND | | ug/L | 0.12 | 0.025 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Chloromethane | ND | | ug/m3 | 120 | 25 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Vinyl Chloride | ND | | ug/L | 0.15 | 0.031 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Vinyl Chloride | ND | | ug/m3 | 150 | 31 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.13 | 0.027 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 130 | 27 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Bromomethane | ND | | ug/L | 0.23 | 0.047 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Bromomethane | ND | | ug/m3 | 230 | 47 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Chloroethane | ND | | ug/L | 0.16 | 0.032 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Chloroethane | ND | | ug/m3 | 160 | 32 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Trichlorofluoromethane | ND | | ug/L | 0.34 | 0.067 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Trichlorofluoromethane | ND | | ug/m3 | 340 | 67 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1-Dichloroethene | ND | | ug/L | 0.24 | 0.048 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1-Dichloroethene | ND | | ug/m3 | 240 | 48 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Freon 113 | **1.3** | | ug/L | 0.46 | 0.092 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Freon 113 | **1,300** | | ug/m3 | 460 | 92 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Acetone | **6.3** | | ug/L | 0.71 | 0.36 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Acetone | **6,300** | | ug/m3 | 710 | 360 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Carbon Disulfide | **0.47** | | ug/L | 0.19 | 0.037 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Carbon Disulfide | **470** | | ug/m3 | 190 | 37 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 0.74 | 0.37 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 740 | 370 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Methylene Chloride | **38** | | ug/L | 0.21 | 0.042 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Methylene Chloride | **38,000** | | ug/m3 | 210 | 42 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| trans-1,2-Dichloroethene | **0.55** | | ug/L | 0.24 | 0.048 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| trans-1,2-Dichloroethene | **550** | | ug/m3 | 240 | 48 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| MTBE | **0.10** | J | ug/L | 0.22 | 0.043 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| MTBE | **100** | J | ug/m3 | 220 | 43 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| n-Hexane | **3.9** | | ug/L | 0.21 | 0.042 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| n-Hexane | **3,900** | | ug/m3 | 210 | 42 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1-Dichloroethane | **2.4** | | ug/L | 0.24 | 0.049 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1-Dichloroethane | **2,400** | | ug/m3 | 240 | 49 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-040 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 1.1 | 0.53 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 1,100 | 530 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| cis-1,2-Dichloroethene | **2.5** | | ug/L | 0.24 | 0.048 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| cis-1,2-Dichloroethene | **2,500** | | ug/m3 | 240 | 48 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 2-Butanone | **0.76** | J | ug/L | 0.88 | 0.44 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 2-Butanone | **760** | J | ug/m3 | 880 | 440 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Ethyl Acetate | ND | | ug/L | 0.54 | 0.54 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 540 | 540 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Chloroform | ND | | ug/L | 0.29 | 0.059 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Chloroform | ND | | ug/m3 | 290 | 59 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1,1-Trichloroethane | **0.96** | | ug/L | 0.33 | 0.065 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1,1-Trichloroethane | **960** | | ug/m3 | 330 | 65 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Cyclohexane | **0.13** | J | ug/L | 0.21 | 0.041 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Cyclohexane | **130** | J | ug/m3 | 210 | 41 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 0.38 | 0.075 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 380 | 75 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Benzene | **0.16** | J | ug/L | 0.19 | 0.038 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Benzene | **160** | J | ug/m3 | 190 | 38 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 0.24 | 0.049 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 240 | 49 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| n-Heptane | **0.31** | | ug/L | 0.25 | 0.049 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| n-Heptane | **310** | | ug/m3 | 250 | 49 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Trichloroethene | ND | | ug/L | 0.32 | 0.064 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Trichloroethene | ND | | ug/m3 | 320 | 64 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 0.28 | 0.055 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 280 | 55 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Bromodichloromethane | ND | | ug/L | 0.40 | 0.080 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 400 | 80 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.27 | 0.054 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 270 | 54 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 4-Methyl-2-Pentanone | **0.16** | J | ug/L | 0.25 | 0.049 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 4-Methyl-2-Pentanone | **160** | J | ug/m3 | 250 | 49 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Toluene | **1.0** | | ug/L | 0.23 | 0.045 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Toluene | **1,000** | | ug/m3 | 230 | 45 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.27 | 0.054 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 270 | 54 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.33 | 0.065 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 330 | 65 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Tetrachloroethene | **100** | | ug/L | 0.41 | 0.081 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Tetrachloroethene | **100,000** | | ug/m3 | 410 | 81 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 2-Hexanone | ND | | ug/L | 0.25 | 0.25 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 2-Hexanone | ND | | ug/m3 | 250 | 250 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Dibromochloromethane | ND | | ug/L | 0.51 | 0.10 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 510 | 100 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 0.46 | 0.092 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 460 | 92 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-040 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.28 | 0.055 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Chlorobenzene | ND | | ug/m3 | 280 | 55 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Ethylbenzene | **0.20** | J | ug/L | 0.26 | 0.052 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Ethylbenzene | **200** | J | ug/m3 | 260 | 52 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| m,p-Xylenes | **0.75** | | ug/L | 0.52 | 0.0076 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| m,p-Xylenes | **750** | | ug/m3 | 520 | 7.6 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| o-Xylene | **0.29** | | ug/L | 0.26 | 0.052 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| o-Xylene | **290** | | ug/m3 | 260 | 52 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Styrene | **0.17** | J | ug/L | 0.26 | 0.051 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Styrene | **170** | J | ug/m3 | 260 | 51 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Bromoform | ND | | ug/L | 0.62 | 0.12 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Bromoform | ND | | ug/m3 | 620 | 120 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.41 | 0.082 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 410 | 82 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 4-Ethyltoluene | **0.24** | J | ug/L | 0.29 | 0.059 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 4-Ethyltoluene | **240** | J | ug/m3 | 290 | 59 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,3,5-Trimethylbenzene | **0.13** | J | ug/L | 0.29 | 0.059 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,3,5-Trimethylbenzene | **130** | J | ug/m3 | 290 | 59 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2,4-Trimethylbenzene | **0.32** | | ug/L | 0.29 | 0.059 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2,4-Trimethylbenzene | **320** | | ug/m3 | 290 | 59 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.36 | 0.072 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 360 | 72 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.36 | 0.072 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 360 | 72 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Benzyl chloride | ND | | ug/L | 0.31 | 0.062 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Benzyl chloride | ND | | ug/m3 | 310 | 62 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.36 | 0.072 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 360 | 72 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.45 | 0.089 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 450 | 89 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 0.64 | 0.13 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 640 | 130 | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Xylene (total) | **1.0** | | ug/L | 0.26 | | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| Xylene (total) | **1,000** | | ug/m3 | 260 | | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 83% | | %REC | 60-140 | | 300 | 252068 | 09/03/20 03:56 | 09/03/20 03:56 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-33-5'SV | Lab ID: 432616-041 | Collected: 08/22/20 12:36 |
|---|---|---|
| | Matrix: Air | |

| 432616-041 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.0072 | 0.0072 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 7.2 | 7.2 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Propylene | ND | | ug/L | 0.0034 | 0.00069 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Propylene | ND | | ug/m3 | 3.4 | 0.69 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Freon 12 | **0.0020** | J | ug/L | 0.0099 | 0.0020 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Freon 12 | **2.0** | J | ug/m3 | 9.9 | 2.0 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Freon 114 | ND | | ug/L | 0.014 | 0.0028 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Freon 114 | ND | | ug/m3 | 14 | 2.8 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Chloromethane | ND | | ug/L | 0.0041 | 0.00083 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Chloromethane | ND | | ug/m3 | 4.1 | 0.83 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.0051 | 0.0010 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 5.1 | 1.0 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.0044 | 0.00088 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 4.4 | 0.88 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Bromomethane | ND | | ug/L | 0.0078 | 0.0016 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Bromomethane | ND | | ug/m3 | 7.8 | 1.6 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Chloroethane | ND | | ug/L | 0.0053 | 0.0011 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Chloroethane | ND | | ug/m3 | 5.3 | 1.1 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.011 | 0.0022 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 11 | 2.2 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.0079 | 0.0016 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 7.9 | 1.6 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Freon 113 | **0.066** | | ug/L | 0.015 | 0.0031 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Freon 113 | **66** | | ug/m3 | 15 | 3.1 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Acetone | ND | | ug/L | 0.048 | 0.012 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Acetone | ND | | ug/m3 | 48 | 12 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.0062 | 0.0012 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 6.2 | 1.2 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.025 | 0.012 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 25 | 12 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Methylene Chloride | **0.0048** | J | ug/L | 0.017 | 0.0014 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Methylene Chloride | **4.8** | J | ug/m3 | 17 | 1.4 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.0079 | 0.0016 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 7.9 | 1.6 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| MTBE | ND | | ug/L | 0.0072 | 0.0014 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| MTBE | ND | | ug/m3 | 7.2 | 1.4 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| n-Hexane | **0.011** | | ug/L | 0.0070 | 0.0014 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| n-Hexane | **11** | | ug/m3 | 7.0 | 1.4 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1-Dichloroethane | ND | | ug/L | 0.0081 | 0.0016 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1-Dichloroethane | ND | | ug/m3 | 8.1 | 1.6 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-041 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.035 | 0.018 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 35 | 18 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/L | 0.0079 | 0.0016 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 7.9 | 1.6 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 2-Butanone | ND | | ug/L | 0.029 | 0.015 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 2-Butanone | ND | | ug/m3 | 29 | 15 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.018 | 0.018 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 18 | 18 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Chloroform | ND | | ug/L | 0.0098 | 0.0020 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Chloroform | ND | | ug/m3 | 9.8 | 2.0 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.011 | 0.0022 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 11 | 2.2 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Cyclohexane | ND | | ug/L | 0.0069 | 0.0014 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Cyclohexane | ND | | ug/m3 | 6.9 | 1.4 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.013 | 0.0025 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 13 | 2.5 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Benzene | **0.0091** | | ug/L | 0.0064 | 0.0027 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Benzene | **9.1** | | ug/m3 | 6.4 | 2.7 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.0081 | 0.0069 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 8.1 | 6.9 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| n-Heptane | **0.0029** | J | ug/L | 0.0082 | 0.0016 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| n-Heptane | **2.9** | J | ug/m3 | 8.2 | 1.6 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Trichloroethene | **0.019** | | ug/L | 0.011 | 0.0021 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Trichloroethene | **19** | | ug/m3 | 11 | 2.1 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.0092 | 0.0018 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 9.2 | 1.8 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.013 | 0.0027 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 13 | 2.7 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.0091 | 0.0018 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 9.1 | 1.8 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 4-Methyl-2-Pentanone | **0.0022** | J | ug/L | 0.0082 | 0.0016 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 4-Methyl-2-Pentanone | **2.2** | J | ug/m3 | 8.2 | 1.6 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Toluene | **0.022** | | ug/L | 0.0075 | 0.0015 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Toluene | **22** | | ug/m3 | 7.5 | 1.5 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.0091 | 0.0018 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 9.1 | 1.8 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.011 | 0.0022 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 11 | 2.2 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Tetrachloroethene | **0.30** | | ug/L | 0.014 | 0.0027 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Tetrachloroethene | **300** | | ug/m3 | 14 | 2.7 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 2-Hexanone | ND | | ug/L | 0.0082 | 0.0082 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 2-Hexanone | ND | | ug/m3 | 8.2 | 8.2 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.017 | 0.0034 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 17 | 3.4 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.015 | 0.0031 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 15 | 3.1 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-041 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.0092 | 0.0018 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Chlorobenzene | ND | | ug/m3 | 9.2 | 1.8 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Ethylbenzene | **0.0028** | J | ug/L | 0.0087 | 0.0017 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Ethylbenzene | **2.8** | J | ug/m3 | 8.7 | 1.7 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| m,p-Xylenes | **0.013** | J | ug/L | 0.017 | 0.00025 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| m,p-Xylenes | **13** | J | ug/m3 | 17 | 0.25 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| o-Xylene | **0.0075** | J | ug/L | 0.0087 | 0.0017 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| o-Xylene | **7.5** | J | ug/m3 | 8.7 | 1.7 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Styrene | **0.083** | | ug/L | 0.0085 | 0.0017 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Styrene | **83** | | ug/m3 | 8.5 | 1.7 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Bromoform | ND | | ug/L | 0.021 | 0.0041 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Bromoform | ND | | ug/m3 | 21 | 4.1 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.014 | 0.0027 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 14 | 2.7 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.0098 | 0.0020 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 9.8 | 2.0 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.0098 | 0.0020 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 9.8 | 2.0 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2,4-Trimethylbenzene | **0.0040** | J | ug/L | 0.025 | 0.0020 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2,4-Trimethylbenzene | **4.0** | J | ug/m3 | 25 | 2.0 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.012 | 0.0024 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 12 | 2.4 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.012 | 0.0024 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 12 | 2.4 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Benzyl chloride | ND | | ug/L | 0.026 | 0.0021 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Benzyl chloride | ND | | ug/m3 | 26 | 2.1 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.012 | 0.0024 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 12 | 2.4 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.074 | 0.0030 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 74 | 3.0 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.021 | 0.0043 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 21 | 4.3 | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Xylene (total) | **0.021** | J | ug/L | 0.0087 | | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| Xylene (total) | **21** | J | ug/m3 | 8.7 | | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 89% | | %REC | 60-140 | | 10 | 252091 | 09/03/20 13:20 | 09/03/20 13:20 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-33-15'SV | Lab ID: 432616-042 | Collected: 08/22/20 12:35 |
|---|---|---|
| | Matrix: Air | |

| 432616-042 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.029 | 0.029 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 29 | 29 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Propylene | ND | | ug/L | 0.014 | 0.0028 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Propylene | ND | | ug/m3 | 14 | 2.8 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Freon 12 | ND | | ug/L | 0.040 | 0.0079 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Freon 12 | ND | | ug/m3 | 40 | 7.9 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Freon 114 | ND | | ug/L | 0.056 | 0.011 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Freon 114 | ND | | ug/m3 | 56 | 11 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Chloromethane | ND | | ug/L | 0.017 | 0.0033 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Chloromethane | ND | | ug/m3 | 17 | 3.3 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.020 | 0.0041 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 20 | 4.1 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.018 | 0.0035 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 18 | 3.5 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Bromomethane | ND | | ug/L | 0.031 | 0.0062 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Bromomethane | ND | | ug/m3 | 31 | 6.2 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Chloroethane | ND | | ug/L | 0.021 | 0.0042 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Chloroethane | ND | | ug/m3 | 21 | 4.2 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.045 | 0.0090 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 45 | 9.0 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.032 | 0.0063 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 32 | 6.3 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Freon 113 | **0.18** | | ug/L | 0.061 | 0.012 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Freon 113 | **180** | | ug/m3 | 61 | 12 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Acetone | ND | | ug/L | 0.19 | 0.048 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Acetone | ND | | ug/m3 | 190 | 48 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.025 | 0.0050 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 25 | 5.0 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 0.098 | 0.049 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 98 | 49 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Methylene Chloride | **0.010** | J | ug/L | 0.069 | 0.0056 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Methylene Chloride | **10** | J | ug/m3 | 69 | 5.6 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.032 | 0.0063 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 32 | 6.3 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| MTBE | ND | | ug/L | 0.029 | 0.0058 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| MTBE | ND | | ug/m3 | 29 | 5.8 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| n-Hexane | **0.0091** | J | ug/L | 0.028 | 0.0056 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| n-Hexane | **9.1** | J | ug/m3 | 28 | 5.6 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1-Dichloroethane | **0.012** | J | ug/L | 0.032 | 0.0065 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1-Dichloroethane | **12** | J | ug/m3 | 32 | 6.5 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-042 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 0.14 | 0.070 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 140 | 70 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| cis-1,2-Dichloroethene | **0.018** | J | ug/L | 0.032 | 0.0063 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| cis-1,2-Dichloroethene | **18** | J | ug/m3 | 32 | 6.3 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 2-Butanone | ND | | ug/L | 0.12 | 0.059 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 2-Butanone | ND | | ug/m3 | 120 | 59 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.072 | 0.072 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 72 | 72 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Chloroform | ND | | ug/L | 0.039 | 0.0078 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Chloroform | ND | | ug/m3 | 39 | 7.8 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1,1-Trichloroethane | **0.055** | | ug/L | 0.044 | 0.0087 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1,1-Trichloroethane | **55** | | ug/m3 | 44 | 8.7 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Cyclohexane | ND | | ug/L | 0.028 | 0.0055 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Cyclohexane | ND | | ug/m3 | 28 | 5.5 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.050 | 0.010 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 50 | 10 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Benzene | **0.029** | | ug/L | 0.026 | 0.011 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Benzene | **29** | | ug/m3 | 26 | 11 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.032 | 0.028 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 32 | 28 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| n-Heptane | ND | | ug/L | 0.033 | 0.0066 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| n-Heptane | ND | | ug/m3 | 33 | 6.6 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Trichloroethene | **0.98** | | ug/L | 0.043 | 0.0086 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Trichloroethene | **980** | | ug/m3 | 43 | 8.6 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.037 | 0.0074 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 37 | 7.4 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.054 | 0.011 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 54 | 11 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.036 | 0.0073 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 36 | 7.3 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.033 | 0.0066 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 33 | 6.6 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Toluene | **0.012** | J | ug/L | 0.030 | 0.0060 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Toluene | **12** | J | ug/m3 | 30 | 6.0 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.036 | 0.0073 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 36 | 7.3 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.044 | 0.0087 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 44 | 8.7 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Tetrachloroethene | **5.1** | | ug/L | 0.054 | 0.011 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Tetrachloroethene | **5,100** | | ug/m3 | 54 | 11 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 2-Hexanone | ND | | ug/L | 0.033 | 0.033 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 2-Hexanone | ND | | ug/m3 | 33 | 33 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.068 | 0.014 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 68 | 14 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.061 | 0.012 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 61 | 12 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-042 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.037 | 0.0074 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Chlorobenzene | ND | | ug/m3 | 37 | 7.4 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Ethylbenzene | ND | | ug/L | 0.035 | 0.0069 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Ethylbenzene | ND | | ug/m3 | 35 | 6.9 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| m,p-Xylenes | **0.0049** | J | ug/L | 0.069 | 0.0010 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| m,p-Xylenes | **4.9** | J | ug/m3 | 69 | 1.0 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| o-Xylene | ND | | ug/L | 0.035 | 0.0069 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| o-Xylene | ND | | ug/m3 | 35 | 6.9 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Styrene | **0.097** | | ug/L | 0.034 | 0.0068 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Styrene | **97** | | ug/m3 | 34 | 6.8 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Bromoform | ND | | ug/L | 0.083 | 0.017 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Bromoform | ND | | ug/m3 | 83 | 17 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.055 | 0.011 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 55 | 11 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.039 | 0.0079 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 39 | 7.9 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.039 | 0.0079 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 39 | 7.9 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.098 | 0.0079 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 98 | 7.9 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.048 | 0.0096 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 48 | 9.6 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.048 | 0.0096 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 48 | 9.6 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Benzyl chloride | ND | | ug/L | 0.10 | 0.0083 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Benzyl chloride | ND | | ug/m3 | 100 | 8.3 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.048 | 0.0096 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 48 | 9.6 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.30 | 0.012 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 300 | 12 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.085 | 0.017 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 85 | 17 | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Xylene (total) | **0.0049** | J | ug/L | 0.035 | | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| Xylene (total) | **4.9** | J | ug/m3 | 35 | | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 86% | | %REC | 60-140 | | 40 | 252091 | 09/03/20 06:15 | 09/03/20 06:15 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-21-5'SV | Lab ID: 432616-043 | Collected: 08/22/20 12:55 |
|---|---|---|
| | Matrix: Air | |

| 432616-043 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 1.4 | 1.4 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,4-Dioxane | ND | | ug/m3 | 1,400 | 1,400 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Propylene | ND | | ug/L | 0.69 | 0.14 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Propylene | ND | | ug/m3 | 690 | 140 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Freon 12 | ND | | ug/L | 2.0 | 0.40 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Freon 12 | ND | | ug/m3 | 2,000 | 400 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Freon 114 | ND | | ug/L | 2.8 | 0.56 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Freon 114 | ND | | ug/m3 | 2,800 | 560 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Chloromethane | ND | | ug/L | 0.83 | 0.17 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Chloromethane | ND | | ug/m3 | 830 | 170 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Vinyl Chloride | **32** | | ug/L | 1.0 | 0.20 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Vinyl Chloride | **32,000** | | ug/m3 | 1,000 | 200 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.88 | 0.18 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 880 | 180 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Bromomethane | ND | | ug/L | 1.6 | 0.31 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Bromomethane | ND | | ug/m3 | 1,600 | 310 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Chloroethane | ND | | ug/L | 1.1 | 0.21 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Chloroethane | ND | | ug/m3 | 1,100 | 210 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Trichlorofluoromethane | ND | | ug/L | 2.2 | 0.45 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Trichlorofluoromethane | ND | | ug/m3 | 2,200 | 450 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1-Dichloroethene | ND | | ug/L | 1.6 | 0.32 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1-Dichloroethene | ND | | ug/m3 | 1,600 | 320 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Freon 113 | ND | | ug/L | 3.1 | 0.61 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Freon 113 | ND | | ug/m3 | 3,100 | 610 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Acetone | **4.8** | | ug/L | 4.8 | 2.4 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Acetone | **4,800** | | ug/m3 | 4,800 | 2,400 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Carbon Disulfide | ND | | ug/L | 1.2 | 0.25 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Carbon Disulfide | ND | | ug/m3 | 1,200 | 250 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 4.9 | 2.5 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 4,900 | 2,500 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Methylene Chloride | **3.5** | | ug/L | 1.4 | 0.28 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Methylene Chloride | **3,500** | | ug/m3 | 1,400 | 280 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| trans-1,2-Dichloroethene | **0.64** | J | ug/L | 1.6 | 0.32 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| trans-1,2-Dichloroethene | **640** | J | ug/m3 | 1,600 | 320 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| MTBE | ND | | ug/L | 1.4 | 0.29 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| MTBE | ND | | ug/m3 | 1,400 | 290 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| n-Hexane | **10** | | ug/L | 1.4 | 0.28 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| n-Hexane | **10,000** | | ug/m3 | 1,400 | 280 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1-Dichloroethane | **10** | | ug/L | 1.6 | 0.32 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1-Dichloroethane | **10,000** | | ug/m3 | 1,600 | 320 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-043 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 7.0 | 3.5 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 7,000 | 3,500 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| cis-1,2-Dichloroethene | **18** | | ug/L | 1.6 | 0.32 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| cis-1,2-Dichloroethene | **18,000** | | ug/m3 | 1,600 | 320 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 2-Butanone | ND | | ug/L | 5.9 | 2.9 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 2-Butanone | ND | | ug/m3 | 5,900 | 2,900 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Ethyl Acetate | ND | | ug/L | 3.6 | 3.6 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 3,600 | 3,600 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Chloroform | ND | | ug/L | 2.0 | 0.39 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Chloroform | ND | | ug/m3 | 2,000 | 390 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/L | 2.2 | 0.44 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 2,200 | 440 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Cyclohexane | **18** | | ug/L | 1.4 | 0.28 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Cyclohexane | **18,000** | | ug/m3 | 1,400 | 280 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Carbon Tetrachloride | ND | | ug/L | 2.5 | 0.50 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Carbon Tetrachloride | ND | | ug/m3 | 2,500 | 500 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Benzene | **3.7** | | ug/L | 1.3 | 0.26 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Benzene | **3,700** | | ug/m3 | 1,300 | 260 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2-Dichloroethane | ND | | ug/L | 1.6 | 0.32 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2-Dichloroethane | ND | | ug/m3 | 1,600 | 320 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| n-Heptane | **110** | | ug/L | 1.6 | 0.33 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| n-Heptane | **110,000** | | ug/m3 | 1,600 | 330 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Trichloroethene | **6.0** | | ug/L | 2.1 | 0.43 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Trichloroethene | **6,000** | | ug/m3 | 2,100 | 430 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 1.8 | 0.37 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 1,800 | 370 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Bromodichloromethane | ND | | ug/L | 2.7 | 0.54 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 2,700 | 540 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 1.8 | 0.36 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 1,800 | 360 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/L | 1.6 | 0.33 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 1,600 | 330 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Toluene | **320** | | ug/L | 1.5 | 0.30 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Toluene | **320,000** | | ug/m3 | 1,500 | 300 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 1.8 | 0.36 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 1,800 | 360 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 2.2 | 0.44 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 2,200 | 440 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Tetrachloroethene | **4.0** | | ug/L | 2.7 | 0.54 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Tetrachloroethene | **4,000** | | ug/m3 | 2,700 | 540 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 2-Hexanone | ND | | ug/L | 1.6 | 1.6 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 2-Hexanone | ND | | ug/m3 | 1,600 | 1,600 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Dibromochloromethane | ND | | ug/L | 3.4 | 0.68 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 3,400 | 680 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 3.1 | 0.61 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 3,100 | 610 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-043 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 1.8 | 0.37 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Chlorobenzene | ND | | ug/m3 | 1,800 | 370 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Ethylbenzene | **30** | | ug/L | 1.7 | 0.35 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Ethylbenzene | **30,000** | | ug/m3 | 1,700 | 350 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| m,p-Xylenes | **97** | | ug/L | 3.5 | 0.050 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| m,p-Xylenes | **97,000** | | ug/m3 | 3,500 | 50 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| o-Xylene | **32** | | ug/L | 1.7 | 0.35 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| o-Xylene | **32,000** | | ug/m3 | 1,700 | 350 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Styrene | **2.0** | | ug/L | 1.7 | 0.34 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Styrene | **2,000** | | ug/m3 | 1,700 | 340 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Bromoform | ND | | ug/L | 4.1 | 0.83 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Bromoform | ND | | ug/m3 | 4,100 | 830 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 2.7 | 0.55 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 2,700 | 550 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 4-Ethyltoluene | **6.1** | | ug/L | 2.0 | 0.39 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 4-Ethyltoluene | **6,100** | | ug/m3 | 2,000 | 390 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,3,5-Trimethylbenzene | **3.5** | | ug/L | 2.0 | 0.39 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,3,5-Trimethylbenzene | **3,500** | | ug/m3 | 2,000 | 390 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2,4-Trimethylbenzene | **5.1** | | ug/L | 2.0 | 0.39 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2,4-Trimethylbenzene | **5,100** | | ug/m3 | 2,000 | 390 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 2.4 | 0.48 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 2,400 | 480 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 2.4 | 0.48 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 2,400 | 480 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Benzyl chloride | ND | | ug/L | 2.1 | 0.41 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Benzyl chloride | ND | | ug/m3 | 2,100 | 410 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 2.4 | 0.48 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 2,400 | 480 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 3.0 | 0.59 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 3,000 | 590 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 4.3 | 0.85 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 4,300 | 850 | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Xylene (total) | **130** | | ug/L | 1.7 | | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| Xylene (total) | **130,000** | | ug/m3 | 1,700 | | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 109% | | %REC | 60-140 | | 2000 | 252170 | 09/03/20 18:09 | 09/03/20 18:09 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| Sample ID: SB-21-15'SV | Lab ID: 432616-044 | Collected: 08/22/20 12:56 |
|---|---|---|
| | Matrix: Air | |

| 432616-044 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | **1.5** | | ug/L | 0.22 | 0.22 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,4-Dioxane | **1,500** | | ug/m3 | 220 | 220 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Propylene | ND | | ug/L | 0.10 | 0.021 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Propylene | ND | | ug/m3 | 100 | 21 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Freon 12 | **0.56** | | ug/L | 0.30 | 0.059 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Freon 12 | **560** | | ug/m3 | 300 | 59 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Freon 114 | ND | | ug/L | 0.42 | 0.084 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Freon 114 | ND | | ug/m3 | 420 | 84 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Chloromethane | ND | | ug/L | 0.12 | 0.025 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Chloromethane | ND | | ug/m3 | 120 | 25 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Vinyl Chloride | **0.86** | | ug/L | 0.15 | 0.031 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Vinyl Chloride | **860** | | ug/m3 | 150 | 31 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,3-Butadiene | ND | | ug/L | 0.13 | 0.027 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,3-Butadiene | ND | | ug/m3 | 130 | 27 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Bromomethane | ND | | ug/L | 0.23 | 0.047 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Bromomethane | ND | | ug/m3 | 230 | 47 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Chloroethane | ND | | ug/L | 0.16 | 0.032 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Chloroethane | ND | | ug/m3 | 160 | 32 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Trichlorofluoromethane | **0.46** | | ug/L | 0.34 | 0.067 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Trichlorofluoromethane | **460** | | ug/m3 | 340 | 67 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1-Dichloroethene | ND | | ug/L | 0.24 | 0.048 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1-Dichloroethene | ND | | ug/m3 | 240 | 48 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Freon 113 | **0.11** | J | ug/L | 0.46 | 0.092 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Freon 113 | **110** | J | ug/m3 | 460 | 92 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Acetone | **15** | | ug/L | 0.71 | 0.36 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Acetone | **15,000** | | ug/m3 | 710 | 360 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Carbon Disulfide | ND | | ug/L | 0.19 | 0.037 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Carbon Disulfide | ND | | ug/m3 | 190 | 37 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Isopropanol (IPA) | ND | | ug/L | 0.74 | 0.37 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Isopropanol (IPA) | ND | | ug/m3 | 740 | 370 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Methylene Chloride | **9.3** | | ug/L | 4.2 | 0.83 | 6000 | 252170 | 09/04/20 06:26 | 09/04/20 06:26 | PXT |
| Methylene Chloride | **9,300** | | ug/m3 | 4,200 | 830 | 6000 | 252170 | 09/04/20 06:26 | 09/04/20 06:26 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.24 | 0.048 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 240 | 48 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| MTBE | ND | | ug/L | 0.22 | 0.043 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| MTBE | ND | | ug/m3 | 220 | 43 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| n-Hexane | **32** | | ug/L | 0.21 | 0.042 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| n-Hexane | **32,000** | | ug/m3 | 210 | 42 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1-Dichloroethane | **2.5** | | ug/L | 0.24 | 0.049 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1-Dichloroethane | **2,500** | | ug/m3 | 240 | 49 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-044 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 1.1 | 0.53 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Vinyl Acetate | ND | | ug/m3 | 1,100 | 530 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| cis-1,2-Dichloroethene | **0.30** | | ug/L | 0.24 | 0.048 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| cis-1,2-Dichloroethene | **300** | | ug/m3 | 240 | 48 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 2-Butanone | ND | | ug/L | 0.88 | 0.44 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 2-Butanone | ND | | ug/m3 | 880 | 440 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Ethyl Acetate | ND | | ug/L | 0.54 | 0.54 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Ethyl Acetate | ND | | ug/m3 | 540 | 540 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Chloroform | ND | | ug/L | 0.29 | 0.059 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Chloroform | ND | | ug/m3 | 290 | 59 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/L | 0.33 | 0.065 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 330 | 65 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Cyclohexane | **0.68** | | ug/L | 0.21 | 0.041 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Cyclohexane | **680** | | ug/m3 | 210 | 41 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Carbon Tetrachloride | **0.077** | J | ug/L | 0.38 | 0.075 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Carbon Tetrachloride | **77** | J | ug/m3 | 380 | 75 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Benzene | **0.21** | | ug/L | 0.19 | 0.038 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Benzene | **210** | | ug/m3 | 190 | 38 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2-Dichloroethane | **0.083** | J | ug/L | 0.24 | 0.049 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2-Dichloroethane | **83** | J | ug/m3 | 240 | 49 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| n-Heptane | **3.2** | | ug/L | 0.25 | 0.049 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| n-Heptane | **3,200** | | ug/m3 | 250 | 49 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Trichloroethene | **0.29** | J | ug/L | 0.32 | 0.064 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Trichloroethene | **290** | J | ug/m3 | 320 | 64 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2-Dichloropropane | ND | | ug/L | 0.28 | 0.055 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2-Dichloropropane | ND | | ug/m3 | 280 | 55 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Bromodichloromethane | ND | | ug/L | 0.40 | 0.080 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Bromodichloromethane | ND | | ug/m3 | 400 | 80 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.27 | 0.054 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 270 | 54 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.25 | 0.049 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 250 | 49 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Toluene | **9.4** | | ug/L | 0.23 | 0.045 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Toluene | **9,400** | | ug/m3 | 230 | 45 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.27 | 0.054 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 270 | 54 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.33 | 0.065 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 330 | 65 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Tetrachloroethene | **0.82** | | ug/L | 0.41 | 0.081 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Tetrachloroethene | **820** | | ug/m3 | 410 | 81 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 2-Hexanone | ND | | ug/L | 0.25 | 0.25 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 2-Hexanone | ND | | ug/m3 | 250 | 250 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Dibromochloromethane | ND | | ug/L | 0.51 | 0.10 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Dibromochloromethane | ND | | ug/m3 | 510 | 100 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2-Dibromoethane | ND | | ug/L | 0.46 | 0.092 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2-Dibromoethane | ND | | ug/m3 | 460 | 92 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432616

| 432616-044 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.28 | 0.055 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Chlorobenzene | ND | | ug/m3 | 280 | 55 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Ethylbenzene | **1.2** | | ug/L | 0.26 | 0.052 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Ethylbenzene | **1,200** | | ug/m3 | 260 | 52 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| m,p-Xylenes | **4.7** | | ug/L | 0.52 | 0.0076 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| m,p-Xylenes | **4,700** | | ug/m3 | 520 | 7.6 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| o-Xylene | **1.7** | | ug/L | 0.26 | 0.052 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| o-Xylene | **1,700** | | ug/m3 | 260 | 52 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Styrene | **0.26** | | ug/L | 0.26 | 0.051 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Styrene | **260** | | ug/m3 | 260 | 51 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Bromoform | ND | | ug/L | 0.62 | 0.12 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Bromoform | ND | | ug/m3 | 620 | 120 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.41 | 0.082 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 410 | 82 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 4-Ethyltoluene | **0.60** | | ug/L | 0.29 | 0.059 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 4-Ethyltoluene | **600** | | ug/m3 | 290 | 59 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,3,5-Trimethylbenzene | **0.12** | J | ug/L | 0.29 | 0.059 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,3,5-Trimethylbenzene | **120** | J | ug/m3 | 290 | 59 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2,4-Trimethylbenzene | **0.66** | | ug/L | 0.29 | 0.059 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2,4-Trimethylbenzene | **660** | | ug/m3 | 290 | 59 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.36 | 0.072 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 360 | 72 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.36 | 0.072 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 360 | 72 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Benzyl chloride | ND | | ug/L | 0.31 | 0.062 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Benzyl chloride | ND | | ug/m3 | 310 | 62 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.36 | 0.072 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 360 | 72 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 0.45 | 0.089 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 450 | 89 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Hexachlorobutadiene | ND | | ug/L | 0.64 | 0.13 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Hexachlorobutadiene | ND | | ug/m3 | 640 | 130 | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Xylene (total) | **6.5** | | ug/L | 0.26 | | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| Xylene (total) | **6,500** | | ug/m3 | 260 | | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 87% | | %REC | 60-140 | | 300 | 252068 | 09/03/20 04:48 | 09/03/20 04:48 | PXT |

* Value is outside QC limits
B Contamination found in associated Method Blank
J Estimated value
ND Not Detected



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC883720** | **Batch:** | **251941** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC883720 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | | ppbv | 0.20 | 0.20 | 09/01/20 00:42 | 09/01/20 00:42 |
| Propylene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Freon 12 | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Freon 114 | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Chloromethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Vinyl Chloride | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,3-Butadiene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Bromomethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Chloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Trichlorofluoromethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,1-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Freon 113 | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Acetone | ND | | ppbv | 2.0 | 0.50 | 09/01/20 00:42 | 09/01/20 00:42 |
| Carbon Disulfide | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Isopropanol (IPA) | ND | | ppbv | 1.0 | 0.50 | 09/01/20 00:42 | 09/01/20 00:42 |
| Methylene Chloride | 0.11 | J | ppbv | 0.50 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| MTBE | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| n-Hexane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,1-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Vinyl Acetate | ND | | ppbv | 1.0 | 0.50 | 09/01/20 00:42 | 09/01/20 00:42 |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 2-Butanone | ND | | ppbv | 1.0 | 0.50 | 09/01/20 00:42 | 09/01/20 00:42 |
| Ethyl Acetate | ND | | ppbv | 0.50 | 0.50 | 09/01/20 00:42 | 09/01/20 00:42 |
| Chloroform | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Cyclohexane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Carbon Tetrachloride | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Benzene | ND | | ppbv | 0.20 | 0.086 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,2-Dichloroethane | ND | | ppbv | 0.20 | 0.17 | 09/01/20 00:42 | 09/01/20 00:42 |
| n-Heptane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Trichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,2-Dichloropropane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Bromodichloromethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Toluene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Tetrachloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 2-Hexanone | ND | | ppbv | 0.20 | 0.20 | 09/01/20 00:42 | 09/01/20 00:42 |
| Dibromochloromethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |

ENTHALPY ANALYTICAL

## Batch QC

| QC883720 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Chlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Ethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| m,p-Xylenes | 0.0087 | J | ppbv | 0.40 | 0.0058 | 09/01/20 00:42 | 09/01/20 00:42 |
| o-Xylene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Styrene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Bromoform | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 4-Ethyltoluene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,3,5-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,2,4-Trimethylbenzene | ND | | ppbv | 0.50 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Benzyl chloride | ND | | ppbv | 0.50 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,2-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 1.0 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Hexachlorobutadiene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 00:42 | 09/01/20 00:42 |
| Xylene (total) | 0.0087 | J | ppbv | 0.20 | | 09/01/20 00:42 | 09/01/20 00:42 |
| **Surrogates** | | | | **Limits** | | | |
| Bromofluorobenzene | 86% | | %REC | 60-140 | | 09/01/20 00:42 | 09/01/20 00:42 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Sample Duplicate** | **Lab ID:** | **QC883721** | **Batch:** | **251941** |
| **Matrix (Source ID):** | **Air (432607-001)** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC883721 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | ND | ppbv | | | 30 | 7.5 |
| Propylene | ND | ND | ppbv | | | 30 | 7.5 |
| Freon 12 | ND | ND | ppbv | | | 30 | 7.5 |
| Freon 114 | ND | ND | ppbv | | | 30 | 7.5 |
| Chloromethane | ND | ND | ppbv | | | 30 | 7.5 |
| Vinyl Chloride | ND | ND | ppbv | | | 30 | 7.5 |
| 1,3-Butadiene | ND | ND | ppbv | | | 30 | 7.5 |
| Bromomethane | ND | ND | ppbv | | | 30 | 7.5 |
| Chloroethane | ND | ND | ppbv | | | 30 | 7.5 |
| Trichlorofluoromethane | ND | ND | ppbv | | | 30 | 7.5 |
| 1,1-Dichloroethene | ND | ND | ppbv | | | 30 | 7.5 |
| Freon 113 | ND | ND | ppbv | | | 30 | 7.5 |
| Acetone | ND | ND | ppbv | | | 30 | 7.5 |
| Carbon Disulfide | ND | ND | ppbv | | | 30 | 7.5 |
| Isopropanol (IPA) | 9.442 | 9.329 | ppbv | | 1 | 30 | 7.5 |
| Methylene Chloride | ND | ND | ppbv | | | 30 | 7.5 |
| trans-1,2-Dichloroethene | ND | ND | ppbv | | | 30 | 7.5 |
| MTBE | ND | ND | ppbv | | | 30 | 7.5 |
| n-Hexane | ND | ND | ppbv | | | 30 | 7.5 |
| 1,1-Dichloroethane | ND | ND | ppbv | | | 30 | 7.5 |
| Vinyl Acetate | ND | ND | ppbv | | | 30 | 7.5 |
| cis-1,2-Dichloroethene | 11.29 | 11.20 | ppbv | | 1 | 30 | 7.5 |
| 2-Butanone | ND | ND | ppbv | | | 30 | 7.5 |
| Ethyl Acetate | ND | ND | ppbv | | | 30 | 7.5 |
| Chloroform | ND | ND | ppbv | | | 30 | 7.5 |
| 1,1,1-Trichloroethane | ND | ND | ppbv | | | 30 | 7.5 |
| Cyclohexane | ND | ND | ppbv | | | 30 | 7.5 |
| Carbon Tetrachloride | ND | ND | ppbv | | | 30 | 7.5 |
| Benzene | ND | ND | ppbv | | | 30 | 7.5 |
| 1,2-Dichloroethane | ND | ND | ppbv | | | 30 | 7.5 |
| n-Heptane | ND | ND | ppbv | | | 30 | 7.5 |
| Trichloroethene | 3.195 | 3.412 | ppbv | | 7 | 30 | 7.5 |
| 1,2-Dichloropropane | ND | ND | ppbv | | | 30 | 7.5 |
| Bromodichloromethane | ND | ND | ppbv | | | 30 | 7.5 |
| cis-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 7.5 |
| 4-Methyl-2-Pentanone | ND | ND | ppbv | | | 30 | 7.5 |
| Toluene | ND | ND | ppbv | | | 30 | 7.5 |
| trans-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 7.5 |
| 1,1,2-Trichloroethane | ND | ND | ppbv | | | 30 | 7.5 |
| Tetrachloroethene | 160.8 | 163.4 | ppbv | | 2 | 30 | 7.5 |

ENTHALPY ANALYTICAL

# Batch QC

| QC883721 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 2-Hexanone | ND | ND | ppbv | | | 30 | 7.5 |
| Dibromochloromethane | ND | ND | ppbv | | | 30 | 7.5 |
| 1,2-Dibromoethane | ND | ND | ppbv | | | 30 | 7.5 |
| Chlorobenzene | ND | ND | ppbv | | | 30 | 7.5 |
| Ethylbenzene | ND | ND | ppbv | | | 30 | 7.5 |
| m,p-Xylenes | ND | ND | ppbv | | | 30 | 7.5 |
| o-Xylene | ND | ND | ppbv | | | 30 | 7.5 |
| Styrene | ND | ND | ppbv | | | 30 | 7.5 |
| Bromoform | ND | ND | ppbv | | | 30 | 7.5 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ppbv | | | 30 | 7.5 |
| 4-Ethyltoluene | ND | ND | ppbv | | | 30 | 7.5 |
| 1,3,5-Trimethylbenzene | ND | ND | ppbv | | | 30 | 7.5 |
| 1,2,4-Trimethylbenzene | ND | ND | ppbv | | | 30 | 7.5 |
| 1,3-Dichlorobenzene | ND | ND | ppbv | | | 30 | 7.5 |
| 1,4-Dichlorobenzene | ND | ND | ppbv | | | 30 | 7.5 |
| Benzyl chloride | ND | ND | ppbv | | | 30 | 7.5 |
| 1,2-Dichlorobenzene | ND | ND | ppbv | | | 30 | 7.5 |
| 1,2,4-Trichlorobenzene | ND | ND | ppbv | | | 30 | 7.5 |
| Hexachlorobutadiene | ND | ND | ppbv | | | 30 | 7.5 |
| **Surrogates** | | | | | | | |
| Bromofluorobenzene | 85% | | %REC | | | | 7.5 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC883876** | **Batch:** | **251998** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC883876 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | | ppbv | 0.20 | 0.20 | 09/02/20 02:02 | 09/02/20 02:02 |
| Propylene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Freon 12 | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Freon 114 | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Chloromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Vinyl Chloride | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,3-Butadiene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Bromomethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Chloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Trichlorofluoromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,1-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Freon 113 | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Acetone | ND | | ppbv | 2.0 | 0.50 | 09/02/20 02:02 | 09/02/20 02:02 |
| Carbon Disulfide | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Isopropanol (IPA) | ND | | ppbv | 1.0 | 0.50 | 09/02/20 02:02 | 09/02/20 02:02 |
| Methylene Chloride | ND | | ppbv | 0.50 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| MTBE | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| n-Hexane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,1-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Vinyl Acetate | ND | | ppbv | 1.0 | 0.50 | 09/02/20 02:02 | 09/02/20 02:02 |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 2-Butanone | ND | | ppbv | 1.0 | 0.50 | 09/02/20 02:02 | 09/02/20 02:02 |
| Ethyl Acetate | ND | | ppbv | 0.50 | 0.50 | 09/02/20 02:02 | 09/02/20 02:02 |
| Chloroform | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Cyclohexane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Carbon Tetrachloride | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Benzene | ND | | ppbv | 0.20 | 0.086 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,2-Dichloroethane | ND | | ppbv | 0.20 | 0.17 | 09/02/20 02:02 | 09/02/20 02:02 |
| n-Heptane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Trichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,2-Dichloropropane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Bromodichloromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Toluene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Tetrachloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 2-Hexanone | ND | | ppbv | 0.20 | 0.20 | 09/02/20 02:02 | 09/02/20 02:02 |
| Dibromochloromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |

ENTHALPY ANALYTICAL

## Batch QC

| QC883876 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Chlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Ethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| m,p-Xylenes | ND | | ppbv | 0.40 | 0.0058 | 09/02/20 02:02 | 09/02/20 02:02 |
| o-Xylene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Styrene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Bromoform | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 4-Ethyltoluene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,3,5-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,2,4-Trimethylbenzene | ND | | ppbv | 0.50 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Benzyl chloride | ND | | ppbv | 0.50 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,2-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 1.0 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Hexachlorobutadiene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 02:02 | 09/02/20 02:02 |
| Xylene (total) | ND | | ppbv | 0.20 | | 09/02/20 02:02 | 09/02/20 02:02 |
| **Surrogates** | | | | **Limits** | | | |
| Bromofluorobenzene | 83% | | %REC | 60-140 | | 09/02/20 02:02 | 09/02/20 02:02 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Sample Duplicate** | **Lab ID:** | **QC883877** | **Batch:** | **251998** |
| **Matrix (Source ID):** | **Air (432616-004)** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC883877 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | ND | ppbv | | | 30 | 6 |
| Propylene | ND | ND | ppbv | | | 30 | 6 |
| Freon 12 | ND | ND | ppbv | | | 30 | 6 |
| Freon 114 | ND | ND | ppbv | | | 30 | 6 |
| Chloromethane | ND | ND | ppbv | | | 30 | 6 |
| Vinyl Chloride | ND | ND | ppbv | | | 30 | 6 |
| 1,3-Butadiene | 1.292 | ND | ppbv | | | 30 | 6 |
| Bromomethane | ND | ND | ppbv | | | 30 | 6 |
| Chloroethane | ND | ND | ppbv | | | 30 | 6 |
| Trichlorofluoromethane | ND | ND | ppbv | | | 30 | 6 |
| 1,1-Dichloroethene | ND | ND | ppbv | | | 30 | 6 |
| Freon 113 | 14.14 | 13.74 | ppbv | | 3 | 30 | 6 |
| Acetone | ND | 23.56 | ppbv | | | 30 | 6 |
| Carbon Disulfide | ND | ND | ppbv | | | 30 | 6 |
| Isopropanol (IPA) | ND | ND | ppbv | | | 30 | 6 |
| Methylene Chloride | ND | 0.5654 | ppbv | | | 30 | 6 |
| trans-1,2-Dichloroethene | ND | 0.2773 | ppbv | | | 30 | 6 |
| MTBE | ND | ND | ppbv | | | 30 | 6 |
| n-Hexane | ND | 0.7145 | ppbv | | | 30 | 6 |
| 1,1-Dichloroethane | 12.39 | 12.58 | ppbv | | 1 | 30 | 6 |
| Vinyl Acetate | ND | ND | ppbv | | | 30 | 6 |
| cis-1,2-Dichloroethene | ND | 0.7800 | ppbv | | | 30 | 6 |
| 2-Butanone | ND | 3.820 | ppbv | | | 30 | 6 |
| Ethyl Acetate | 3.338 | ND | ppbv | | | 30 | 6 |
| Chloroform | ND | 0.6103 | ppbv | | | 30 | 6 |
| 1,1,1-Trichloroethane | ND | ND | ppbv | | | 30 | 6 |
| Cyclohexane | ND | ND | ppbv | | | 30 | 6 |
| Carbon Tetrachloride | ND | ND | ppbv | | | 30 | 6 |
| Benzene | ND | ND | ppbv | | | 30 | 6 |
| 1,2-Dichloroethane | ND | ND | ppbv | | | 30 | 6 |
| n-Heptane | ND | 0.3494 | ppbv | | | 30 | 6 |
| Trichloroethene | 85.81 | 85.74 | ppbv | | 0 | 30 | 6 |
| 1,2-Dichloropropane | ND | ND | ppbv | | | 30 | 6 |
| Bromodichloromethane | ND | ND | ppbv | | | 30 | 6 |
| cis-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 6 |
| 4-Methyl-2-Pentanone | ND | 0.2954 | ppbv | | | 30 | 6 |
| Toluene | 56.90 | 60.03 | ppbv | | 5 | 30 | 6 |
| trans-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 6 |
| 1,1,2-Trichloroethane | ND | ND | ppbv | | | 30 | 6 |
| Tetrachloroethene | 67.85 | 68.36 | ppbv | | 1 | 30 | 6 |

ENTHALPY ANALYTICAL

# Batch QC

| QC883877 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 2-Hexanone | ND | ND | ppbv | | | 30 | 6 |
| Dibromochloromethane | ND | ND | ppbv | | | 30 | 6 |
| 1,2-Dibromoethane | ND | ND | ppbv | | | 30 | 6 |
| Chlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| Ethylbenzene | 6.409 | 6.267 | ppbv | | 2 | 30 | 6 |
| m,p-Xylenes | 28.06 | 29.17 | ppbv | | 4 | 30 | 6 |
| o-Xylene | 10.04 | 10.32 | ppbv | | 3 | 30 | 6 |
| Styrene | ND | ND | ppbv | | | 30 | 6 |
| Bromoform | ND | ND | ppbv | | | 30 | 6 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ppbv | | | 30 | 6 |
| 4-Ethyltoluene | ND | ND | ppbv | | | 30 | 6 |
| 1,3,5-Trimethylbenzene | ND | 0.6548 | ppbv | | | 30 | 6 |
| 1,2,4-Trimethylbenzene | ND | 2.393 | ppbv | | | 30 | 6 |
| 1,3-Dichlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| 1,4-Dichlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| Benzyl chloride | ND | ND | ppbv | | | 30 | 6 |
| 1,2-Dichlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| 1,2,4-Trichlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| Hexachlorobutadiene | ND | ND | ppbv | | | 30 | 6 |
| **Surrogates** | | | | | | | |
| Bromofluorobenzene | 91% | | %REC | | | | 6 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC883899** | **Batch:** | **252005** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC883899 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | | ppbv | 0.20 | 0.20 | 09/01/20 10:06 | 09/01/20 10:06 |
| Propylene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Freon 12 | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Freon 114 | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Chloromethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Vinyl Chloride | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,3-Butadiene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Bromomethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Chloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Trichlorofluoromethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,1-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Freon 113 | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Acetone | ND | | ppbv | 1.0 | 0.50 | 09/01/20 10:06 | 09/01/20 10:06 |
| Carbon Disulfide | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Isopropanol (IPA) | ND | | ppbv | 1.0 | 0.50 | 09/01/20 10:06 | 09/01/20 10:06 |
| Methylene Chloride | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| MTBE | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| n-Hexane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,1-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Vinyl Acetate | ND | | ppbv | 1.0 | 0.50 | 09/01/20 10:06 | 09/01/20 10:06 |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 2-Butanone | ND | | ppbv | 1.0 | 0.50 | 09/01/20 10:06 | 09/01/20 10:06 |
| Ethyl Acetate | ND | | ppbv | 0.50 | 0.50 | 09/01/20 10:06 | 09/01/20 10:06 |
| Chloroform | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Cyclohexane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Carbon Tetrachloride | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Benzene | 0.047 | J | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,2-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| n-Heptane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Trichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,2-Dichloropropane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Bromodichloromethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Toluene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Tetrachloroethene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 2-Hexanone | ND | | ppbv | 0.20 | 0.20 | 09/01/20 10:06 | 09/01/20 10:06 |
| Dibromochloromethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |

ENTHALPY ANALYTICAL

## Batch QC

| QC883899 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Chlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Ethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| m,p-Xylenes | 0.0060 | J | ppbv | 0.40 | 0.0058 | 09/01/20 10:06 | 09/01/20 10:06 |
| o-Xylene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Styrene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Bromoform | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 4-Ethyltoluene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,3,5-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,2,4-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Benzyl chloride | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,2-Dichlorobenzene | 0.042 | J | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| 1,2,4-Trichlorobenzene | 0.062 | J | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Hexachlorobutadiene | ND | | ppbv | 0.20 | 0.040 | 09/01/20 10:06 | 09/01/20 10:06 |
| Xylene (total) | 0.0060 | J | ppbv | 0.20 | | 09/01/20 10:06 | 09/01/20 10:06 |
| **Surrogates** | | | | **Limits** | | | |
| Bromofluorobenzene | 99% | | %REC | 60-140 | | 09/01/20 10:06 | 09/01/20 10:06 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Sample Duplicate** | **Lab ID:** | **QC883900** | **Batch:** | **252005** |
| **Matrix (Source ID):** | **Air (432616-005)** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC883900 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | ND | ppbv | | | 30 | 6 |
| Propylene | ND | ND | ppbv | | | 30 | 6 |
| Freon 12 | ND | ND | ppbv | | | 30 | 6 |
| Freon 114 | ND | ND | ppbv | | | 30 | 6 |
| Chloromethane | ND | ND | ppbv | | | 30 | 6 |
| Vinyl Chloride | ND | ND | ppbv | | | 30 | 6 |
| 1,3-Butadiene | ND | ND | ppbv | | | 30 | 6 |
| Bromomethane | ND | ND | ppbv | | | 30 | 6 |
| Chloroethane | ND | ND | ppbv | | | 30 | 6 |
| Trichlorofluoromethane | ND | ND | ppbv | | | 30 | 6 |
| 1,1-Dichloroethene | ND | ND | ppbv | | | 30 | 6 |
| Freon 113 | 25.78 | 21.43 | ppbv | | 18 | 30 | 6 |
| Acetone | 38.17 | 38.72 | ppbv | | 1 | 30 | 6 |
| Carbon Disulfide | 11.80 | 11.69 | ppbv | | 1 | 30 | 6 |
| Isopropanol (IPA) | ND | 4.002 | ppbv | | | 30 | 6 |
| Methylene Chloride | 3.702 | 6.888 | ppbv | | 60* | 30 | 6 |
| trans-1,2-Dichloroethene | ND | ND | ppbv | | | 30 | 6 |
| MTBE | ND | 0.4500 | ppbv | | | 30 | 6 |
| n-Hexane | 12.05 | 13.28 | ppbv | | 10 | 30 | 6 |
| 1,1-Dichloroethane | 32.06 | 31.55 | ppbv | | 2 | 30 | 6 |
| Vinyl Acetate | ND | ND | ppbv | | | 30 | 6 |
| cis-1,2-Dichloroethene | 7.212 | 7.086 | ppbv | | 2 | 30 | 6 |
| 2-Butanone | ND | ND | ppbv | | | 30 | 6 |
| Ethyl Acetate | ND | ND | ppbv | | | 30 | 6 |
| Chloroform | ND | ND | ppbv | | | 30 | 6 |
| 1,1,1-Trichloroethane | ND | 0.3540 | ppbv | | | 30 | 6 |
| Cyclohexane | 9.096 | 8.970 | ppbv | | 1 | 30 | 6 |
| Carbon Tetrachloride | ND | ND | ppbv | | | 30 | 6 |
| Benzene | 5.028 | 5.142 | ppbv | | 2 | 30 | 6 |
| 1,2-Dichloroethane | ND | ND | ppbv | | | 30 | 6 |
| n-Heptane | 16.24 | 16.42 | ppbv | | 1 | 30 | 6 |
| Trichloroethene | 53.94 | 52.29 | ppbv | | 3 | 30 | 6 |
| 1,2-Dichloropropane | ND | ND | ppbv | | | 30 | 6 |
| Bromodichloromethane | ND | ND | ppbv | | | 30 | 6 |
| cis-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 6 |
| 4-Methyl-2-Pentanone | ND | ND | ppbv | | | 30 | 6 |
| Toluene | 15.19 | 15.88 | ppbv | | 4 | 30 | 6 |
| trans-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 6 |
| 1,1,2-Trichloroethane | ND | ND | ppbv | | | 30 | 6 |
| Tetrachloroethene | 29.27 | 28.47 | ppbv | | 3 | 30 | 6 |

ENTHALPY ANALYTICAL

# Batch QC

| QC883900 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 2-Hexanone | ND | ND | ppbv | | | 30 | 6 |
| Dibromochloromethane | ND | ND | ppbv | | | 30 | 6 |
| 1,2-Dibromoethane | ND | ND | ppbv | | | 30 | 6 |
| Chlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| Ethylbenzene | 2.238 | 2.076 | ppbv | | 8 | 30 | 6 |
| m,p-Xylenes | 4.302 | 4.242 | ppbv | | 1 | 30 | 6 |
| o-Xylene | 2.274 | 2.184 | ppbv | | 4 | 30 | 6 |
| Styrene | ND | 0.8460 | ppbv | | | 30 | 6 |
| Bromoform | ND | ND | ppbv | | | 30 | 6 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ppbv | | | 30 | 6 |
| 4-Ethyltoluene | ND | ND | ppbv | | | 30 | 6 |
| 1,3,5-Trimethylbenzene | ND | 1.122 | ppbv | | | 30 | 6 |
| 1,2,4-Trimethylbenzene | 2.796 | 2.610 | ppbv | | 7 | 30 | 6 |
| 1,3-Dichlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| 1,4-Dichlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| Benzyl chloride | ND | ND | ppbv | | | 30 | 6 |
| 1,2-Dichlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| 1,2,4-Trichlorobenzene | ND | ND | ppbv | | | 30 | 6 |
| Hexachlorobutadiene | ND | ND | ppbv | | | 30 | 6 |
| **Surrogates** | | | | | | | |
| Bromofluorobenzene | 133% | | %REC | | | | 6 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC884067** | **Batch:** | **252068** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC884067 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | | ppbv | 0.20 | 0.20 | 09/02/20 09:47 | 09/02/20 09:47 |
| Propylene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Freon 12 | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Freon 114 | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Chloromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Vinyl Chloride | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,3-Butadiene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Bromomethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Chloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Trichlorofluoromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,1-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Freon 113 | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Acetone | ND | | ppbv | 1.0 | 0.50 | 09/02/20 09:47 | 09/02/20 09:47 |
| Carbon Disulfide | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Isopropanol (IPA) | ND | | ppbv | 1.0 | 0.50 | 09/02/20 09:47 | 09/02/20 09:47 |
| Methylene Chloride | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| MTBE | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| n-Hexane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,1-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Vinyl Acetate | ND | | ppbv | 1.0 | 0.50 | 09/02/20 09:47 | 09/02/20 09:47 |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 2-Butanone | ND | | ppbv | 1.0 | 0.50 | 09/02/20 09:47 | 09/02/20 09:47 |
| Ethyl Acetate | ND | | ppbv | 0.50 | 0.50 | 09/02/20 09:47 | 09/02/20 09:47 |
| Chloroform | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Cyclohexane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Carbon Tetrachloride | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Benzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,2-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| n-Heptane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Trichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,2-Dichloropropane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Bromodichloromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Toluene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Tetrachloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 2-Hexanone | ND | | ppbv | 0.20 | 0.20 | 09/02/20 09:47 | 09/02/20 09:47 |
| Dibromochloromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |

ENTHALPY ANALYTICAL

## Batch QC

| QC884067 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Chlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Ethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| m,p-Xylenes | 0.0060 | J | ppbv | 0.40 | 0.0058 | 09/02/20 09:47 | 09/02/20 09:47 |
| o-Xylene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Styrene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Bromoform | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 4-Ethyltoluene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,3,5-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,2,4-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Benzyl chloride | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,2-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Hexachlorobutadiene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 09:47 | 09/02/20 09:47 |
| Xylene (total) | 0.0060 | J | ppbv | 0.20 | | 09/02/20 09:47 | 09/02/20 09:47 |
| **Surrogates** | | | | **Limits** | | | |
| Bromofluorobenzene | | NS | %REC | 60-140 | | 09/02/20 09:47 | 09/02/20 09:47 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Sample Duplicate** | **Lab ID:** | **QC884068** | **Batch:** | **252068** |
| **Matrix (Source ID):** | **Air (433003-002)** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC884068 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | ND | ppbv | | | 30 | 100 |
| Propylene | ND | ND | ppbv | | | 30 | 100 |
| Freon 12 | ND | ND | ppbv | | | 30 | 100 |
| Freon 114 | ND | ND | ppbv | | | 30 | 100 |
| Chloromethane | ND | ND | ppbv | | | 30 | 100 |
| Vinyl Chloride | ND | ND | ppbv | | | 30 | 100 |
| 1,3-Butadiene | ND | ND | ppbv | | | 30 | 100 |
| Bromomethane | ND | ND | ppbv | | | 30 | 100 |
| Chloroethane | ND | ND | ppbv | | | 30 | 100 |
| Trichlorofluoromethane | ND | ND | ppbv | | | 30 | 100 |
| 1,1-Dichloroethene | ND | ND | ppbv | | | 30 | 100 |
| Freon 113 | ND | ND | ppbv | | | 30 | 100 |
| Acetone | 920.4 | 916.1 | ppbv | | 0 | 30 | 100 |
| Carbon Disulfide | 29.00 | 34.10 | ppbv | | 16 | 30 | 100 |
| Isopropanol (IPA) | ND | ND | ppbv | | | 30 | 100 |
| Methylene Chloride | ND | 83.10 | ppbv | | | 30 | 100 |
| trans-1,2-Dichloroethene | ND | ND | ppbv | | | 30 | 100 |
| MTBE | ND | ND | ppbv | | | 30 | 100 |
| n-Hexane | 607.7 | 729.5 | ppbv | | 18 | 30 | 100 |
| 1,1-Dichloroethane | 21.70 | 26.80 | ppbv | | 21 | 30 | 100 |
| Vinyl Acetate | ND | ND | ppbv | | | 30 | 100 |
| cis-1,2-Dichloroethene | ND | ND | ppbv | | | 30 | 100 |
| 2-Butanone | ND | ND | ppbv | | | 30 | 100 |
| Ethyl Acetate | ND | ND | ppbv | | | 30 | 100 |
| Chloroform | ND | ND | ppbv | | | 30 | 100 |
| 1,1,1-Trichloroethane | 28.60 | 25.00 | ppbv | | 13 | 30 | 100 |
| Cyclohexane | 559.1 | 543.6 | ppbv | | 3 | 30 | 100 |
| Carbon Tetrachloride | ND | ND | ppbv | | | 30 | 100 |
| Benzene | 250.0 | 234.6 | ppbv | | 6 | 30 | 100 |
| 1,2-Dichloroethane | ND | ND | ppbv | | | 30 | 100 |
| n-Heptane | 516.0 | 481.9 | ppbv | | 7 | 30 | 100 |
| Trichloroethene | 26.30 | 41.00 | ppbv | | 44* | 30 | 100 |
| 1,2-Dichloropropane | ND | ND | ppbv | | | 30 | 100 |
| Bromodichloromethane | 20.50 | ND | ppbv | | | 30 | 100 |
| cis-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 100 |
| 4-Methyl-2-Pentanone | ND | ND | ppbv | | | 30 | 100 |
| Toluene | 780.6 | 747.4 | ppbv | | 4 | 30 | 100 |
| trans-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 100 |
| 1,1,2-Trichloroethane | ND | ND | ppbv | | | 30 | 100 |
| Tetrachloroethene | ND | ND | ppbv | | | 30 | 100 |

# Batch QC

| QC884068 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 2-Hexanone | 64.50 | ND | ppbv | | | 30 | 100 |
| Dibromochloromethane | ND | ND | ppbv | | | 30 | 100 |
| 1,2-Dibromoethane | ND | ND | ppbv | | | 30 | 100 |
| Chlorobenzene | ND | ND | ppbv | | | 30 | 100 |
| Ethylbenzene | 533.3 | 488.6 | ppbv | | 9 | 30 | 100 |
| m,p-Xylenes | 1,966 | 1795 | ppbv | | 9 | 30 | 100 |
| o-Xylene | 639.7 | 598.1 | ppbv | | 7 | 30 | 100 |
| Styrene | 26.40 | 24.00 | ppbv | | 10 | 30 | 100 |
| Bromoform | ND | ND | ppbv | | | 30 | 100 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ppbv | | | 30 | 100 |
| 4-Ethyltoluene | 550.1 | 484.2 | ppbv | | 13 | 30 | 100 |
| 1,3,5-Trimethylbenzene | 153.6 | 213.3 | ppbv | | 33* | 30 | 100 |
| 1,2,4-Trimethylbenzene | ND | ND | ppbv | | | 30 | 100 |
| 1,3-Dichlorobenzene | ND | ND | ppbv | | | 30 | 100 |
| 1,4-Dichlorobenzene | ND | ND | ppbv | | | 30 | 100 |
| Benzyl chloride | ND | ND | ppbv | | | 30 | 100 |
| 1,2-Dichlorobenzene | ND | ND | ppbv | | | 30 | 100 |
| 1,2,4-Trichlorobenzene | ND | ND | ppbv | | | 30 | 100 |
| Hexachlorobutadiene | 21.40 | ND | ppbv | | | 30 | 100 |
| **Surrogates** | | | | | | | |
| Bromofluorobenzene | 78% | | %REC | | | | 100 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC884118** | **Batch:** | **252091** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC884118 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | | ppbv | 0.20 | 0.20 | 09/02/20 16:51 | 09/02/20 16:51 |
| Propylene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Freon 12 | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Freon 114 | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Chloromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Vinyl Chloride | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,3-Butadiene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Bromomethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Chloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Trichlorofluoromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,1-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Freon 113 | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Acetone | ND | | ppbv | 2.0 | 0.50 | 09/02/20 16:51 | 09/02/20 16:51 |
| Carbon Disulfide | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Isopropanol (IPA) | ND | | ppbv | 1.0 | 0.50 | 09/02/20 16:51 | 09/02/20 16:51 |
| Methylene Chloride | ND | | ppbv | 0.50 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| MTBE | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| n-Hexane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,1-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Vinyl Acetate | ND | | ppbv | 1.0 | 0.50 | 09/02/20 16:51 | 09/02/20 16:51 |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 2-Butanone | ND | | ppbv | 1.0 | 0.50 | 09/02/20 16:51 | 09/02/20 16:51 |
| Ethyl Acetate | ND | | ppbv | 0.50 | 0.50 | 09/02/20 16:51 | 09/02/20 16:51 |
| Chloroform | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Cyclohexane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Carbon Tetrachloride | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Benzene | ND | | ppbv | 0.20 | 0.086 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,2-Dichloroethane | ND | | ppbv | 0.20 | 0.17 | 09/02/20 16:51 | 09/02/20 16:51 |
| n-Heptane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Trichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,2-Dichloropropane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Bromodichloromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Toluene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Tetrachloroethene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 2-Hexanone | ND | | ppbv | 0.20 | 0.20 | 09/02/20 16:51 | 09/02/20 16:51 |
| Dibromochloromethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |

ENTHALPY ANALYTICAL

## Batch QC

| QC884118 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Chlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Ethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| m,p-Xylenes | ND | | ppbv | 0.40 | 0.0058 | 09/02/20 16:51 | 09/02/20 16:51 |
| o-Xylene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Styrene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Bromoform | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 4-Ethyltoluene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,3,5-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,2,4-Trimethylbenzene | ND | | ppbv | 0.50 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Benzyl chloride | ND | | ppbv | 0.50 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,2-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 1.0 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Hexachlorobutadiene | ND | | ppbv | 0.20 | 0.040 | 09/02/20 16:51 | 09/02/20 16:51 |
| Xylene (total) | ND | | ppbv | 0.20 | | 09/02/20 16:51 | 09/02/20 16:51 |
| **Surrogates** | | | | **Limits** | | | |
| Bromofluorobenzene | 90% | | %REC | 60-140 | | 09/02/20 16:51 | 09/02/20 16:51 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Sample Duplicate** | **Lab ID:** | **QC884119** | **Batch:** | **252091** |
| **Matrix (Source ID):** | **Air (432616-019)** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC884119 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | ND | ppbv | | | 30 | 240 |
| Propylene | 861.3 | 815.4 | ppbv | | 5 | 30 | 240 |
| Freon 12 | ND | ND | ppbv | | | 30 | 240 |
| Freon 114 | ND | ND | ppbv | | | 30 | 240 |
| Chloromethane | ND | ND | ppbv | | | 30 | 240 |
| Vinyl Chloride | 201.0 | 200.0 | ppbv | | 1 | 30 | 240 |
| 1,3-Butadiene | ND | ND | ppbv | | | 30 | 240 |
| Bromomethane | ND | ND | ppbv | | | 30 | 240 |
| Chloroethane | 71.26 | 67.67 | ppbv | | 5 | 30 | 240 |
| Trichlorofluoromethane | ND | ND | ppbv | | | 30 | 240 |
| 1,1-Dichloroethene | ND | ND | ppbv | | | 30 | 240 |
| Freon 113 | ND | ND | ppbv | | | 30 | 240 |
| Acetone | 1,492 | 1508 | ppbv | | 1 | 30 | 240 |
| Carbon Disulfide | 221.2 | 223.9 | ppbv | | 1 | 30 | 240 |
| Isopropanol (IPA) | ND | 127.3 | ppbv | | | 30 | 240 |
| Methylene Chloride | 722.1 | 769.3 | ppbv | | 6 | 30 | 240 |
| trans-1,2-Dichloroethene | ND | ND | ppbv | | | 30 | 240 |
| MTBE | 457.4 | 456.6 | ppbv | | 0 | 30 | 240 |
| n-Hexane | 118.9 | 121.2 | ppbv | | 2 | 30 | 240 |
| 1,1-Dichloroethane | 1,238 | 1256 | ppbv | | 1 | 30 | 240 |
| Vinyl Acetate | ND | ND | ppbv | | | 30 | 240 |
| cis-1,2-Dichloroethene | 181.5 | 180.4 | ppbv | | 1 | 30 | 240 |
| 2-Butanone | ND | 173.6 | ppbv | | | 30 | 240 |
| Ethyl Acetate | ND | ND | ppbv | | | 30 | 240 |
| Chloroform | ND | ND | ppbv | | | 30 | 240 |
| 1,1,1-Trichloroethane | ND | ND | ppbv | | | 30 | 240 |
| Cyclohexane | 241.2 | 240.9 | ppbv | | 0 | 30 | 240 |
| Carbon Tetrachloride | ND | ND | ppbv | | | 30 | 240 |
| Benzene | 57.06 | 60.30 | ppbv | | 6 | 30 | 240 |
| 1,2-Dichloroethane | ND | ND | ppbv | | | 30 | 240 |
| n-Heptane | 298.9 | 300.9 | ppbv | | 1 | 30 | 240 |
| Trichloroethene | 452.9 | 450.8 | ppbv | | 0 | 30 | 240 |
| 1,2-Dichloropropane | ND | ND | ppbv | | | 30 | 240 |
| Bromodichloromethane | ND | 27.74 | ppbv | | | 30 | 240 |
| cis-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 240 |
| 4-Methyl-2-Pentanone | ND | ND | ppbv | | | 30 | 240 |
| Toluene | 1,687 | 1652 | ppbv | | 2 | 30 | 240 |
| trans-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 240 |
| 1,1,2-Trichloroethane | ND | ND | ppbv | | | 30 | 240 |
| Tetrachloroethene | 115.0 | 108.4 | ppbv | | 6 | 30 | 240 |

# Batch QC

| QC884119 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 2-Hexanone | 59.24 | ND | ppbv | | | 30 | 240 |
| Dibromochloromethane | ND | ND | ppbv | | | 30 | 240 |
| 1,2-Dibromoethane | ND | ND | ppbv | | | 30 | 240 |
| Chlorobenzene | ND | ND | ppbv | | | 30 | 240 |
| Ethylbenzene | 1,162 | 1127 | ppbv | | 3 | 30 | 240 |
| m,p-Xylenes | 979.2 | 955.7 | ppbv | | 2 | 30 | 240 |
| o-Xylene | 466.0 | 451.6 | ppbv | | 3 | 30 | 240 |
| Styrene | ND | ND | ppbv | | | 30 | 240 |
| Bromoform | ND | ND | ppbv | | | 30 | 240 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ppbv | | | 30 | 240 |
| 4-Ethyltoluene | 49.48 | 45.07 | ppbv | | | 30 | 240 |
| 1,3,5-Trimethylbenzene | 85.09 | 78.70 | ppbv | | 8 | 30 | 240 |
| 1,2,4-Trimethylbenzene | ND | 103.7 | ppbv | | | 30 | 240 |
| 1,3-Dichlorobenzene | ND | ND | ppbv | | | 30 | 240 |
| 1,4-Dichlorobenzene | ND | ND | ppbv | | | 30 | 240 |
| Benzyl chloride | ND | ND | ppbv | | | 30 | 240 |
| 1,2-Dichlorobenzene | ND | ND | ppbv | | | 30 | 240 |
| 1,2,4-Trichlorobenzene | ND | ND | ppbv | | | 30 | 240 |
| Hexachlorobutadiene | ND | ND | ppbv | | | 30 | 240 |
| **Surrogates** | | | | | | | |
| Bromofluorobenzene | 91% | | %REC | | | | 240 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC884315** | **Batch:** | **252170** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC884315 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | | ppbv | 0.20 | 0.20 | 09/03/20 11:39 | 09/03/20 11:39 |
| Propylene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Freon 12 | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Freon 114 | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Chloromethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Vinyl Chloride | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,3-Butadiene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Bromomethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Chloroethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Trichlorofluoromethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,1-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Freon 113 | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Acetone | ND | | ppbv | 1.0 | 0.50 | 09/03/20 11:39 | 09/03/20 11:39 |
| Carbon Disulfide | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Isopropanol (IPA) | ND | | ppbv | 1.0 | 0.50 | 09/03/20 11:39 | 09/03/20 11:39 |
| Methylene Chloride | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| MTBE | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| n-Hexane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,1-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Vinyl Acetate | ND | | ppbv | 1.0 | 0.50 | 09/03/20 11:39 | 09/03/20 11:39 |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 2-Butanone | ND | | ppbv | 1.0 | 0.50 | 09/03/20 11:39 | 09/03/20 11:39 |
| Ethyl Acetate | ND | | ppbv | 0.50 | 0.50 | 09/03/20 11:39 | 09/03/20 11:39 |
| Chloroform | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Cyclohexane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Carbon Tetrachloride | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Benzene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,2-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| n-Heptane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Trichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,2-Dichloropropane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Bromodichloromethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Toluene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Tetrachloroethene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 2-Hexanone | ND | | ppbv | 0.20 | 0.20 | 09/03/20 11:39 | 09/03/20 11:39 |
| Dibromochloromethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |

ENTHALPY ANALYTICAL

## Batch QC

| QC884315 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Chlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Ethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| m,p-Xylenes | ND | | ppbv | 0.40 | 0.0058 | 09/03/20 11:39 | 09/03/20 11:39 |
| o-Xylene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Styrene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Bromoform | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 4-Ethyltoluene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,3,5-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,2,4-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Benzyl chloride | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,2-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Hexachlorobutadiene | ND | | ppbv | 0.20 | 0.040 | 09/03/20 11:39 | 09/03/20 11:39 |
| Xylene (total) | ND | | ppbv | 0.20 | | 09/03/20 11:39 | 09/03/20 11:39 |
| **Surrogates** | | | | **Limits** | | | |
| Bromofluorobenzene | 80% | | %REC | 60-140 | | 09/03/20 11:39 | 09/03/20 11:39 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Sample Duplicate** | **Lab ID:** | **QC884316** | **Batch:** | **252170** |
| **Matrix (Source ID):** | **Air (432616-038)** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC884316 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | 5,946 | ND | ppbv | | | 30 | 6000 |
| Propylene | ND | ND | ppbv | | | 30 | 6000 |
| Freon 12 | ND | ND | ppbv | | | 30 | 6000 |
| Freon 114 | ND | ND | ppbv | | | 30 | 6000 |
| Chloromethane | ND | ND | ppbv | | | 30 | 6000 |
| Vinyl Chloride | 6,894 | 7668 | ppbv | | 11 | 30 | 6000 |
| 1,3-Butadiene | ND | ND | ppbv | | | 30 | 6000 |
| Bromomethane | ND | ND | ppbv | | | 30 | 6000 |
| Chloroethane | ND | ND | ppbv | | | 30 | 6000 |
| Trichlorofluoromethane | ND | ND | ppbv | | | 30 | 6000 |
| 1,1-Dichloroethene | ND | ND | ppbv | | | 30 | 6000 |
| Freon 113 | ND | ND | ppbv | | | 30 | 6000 |
| Acetone | 17,390 | 13040 | ppbv | | 29 | 30 | 6000 |
| Carbon Disulfide | ND | ND | ppbv | | | 30 | 6000 |
| Isopropanol (IPA) | ND | ND | ppbv | | | 30 | 6000 |
| Methylene Chloride | 13,780 | 11690 | ppbv | | 16 | 30 | 6000 |
| trans-1,2-Dichloroethene | ND | ND | ppbv | | | 30 | 6000 |
| MTBE | ND | ND | ppbv | | | 30 | 6000 |
| n-Hexane | 3,294 | 2898 | ppbv | | 13 | 30 | 6000 |
| 1,1-Dichloroethane | 1,626 | 1680 | ppbv | | 3 | 30 | 6000 |
| Vinyl Acetate | ND | ND | ppbv | | | 30 | 6000 |
| cis-1,2-Dichloroethene | 2,670 | 2838 | ppbv | | 6 | 30 | 6000 |
| 2-Butanone | ND | ND | ppbv | | | 30 | 6000 |
| Ethyl Acetate | ND | ND | ppbv | | | 30 | 6000 |
| Chloroform | ND | ND | ppbv | | | 30 | 6000 |
| 1,1,1-Trichloroethane | ND | ND | ppbv | | | 30 | 6000 |
| Cyclohexane | 3,666 | 3666 | ppbv | | 0 | 30 | 6000 |
| Carbon Tetrachloride | ND | ND | ppbv | | | 30 | 6000 |
| Benzene | ND | 1056 | ppbv | | | 30 | 6000 |
| 1,2-Dichloroethane | ND | ND | ppbv | | | 30 | 6000 |
| n-Heptane | 20,480 | 20230 | ppbv | | 1 | 30 | 6000 |
| Trichloroethene | ND | 846.0 | ppbv | | | 30 | 6000 |
| 1,2-Dichloropropane | ND | ND | ppbv | | | 30 | 6000 |
| Bromodichloromethane | 1,674 | ND | ppbv | | | 30 | 6000 |
| cis-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 6000 |
| 4-Methyl-2-Pentanone | ND | ND | ppbv | | | 30 | 6000 |
| Toluene | 59,400 | 59890 | ppbv | | 1 | 30 | 6000 |
| trans-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 6000 |
| 1,1,2-Trichloroethane | ND | ND | ppbv | | | 30 | 6000 |
| Tetrachloroethene | ND | 774.0 | ppbv | | | 30 | 6000 |

# Batch QC

| QC884316 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 2-Hexanone | ND | ND | ppbv | | | 30 | 6000 |
| Dibromochloromethane | ND | ND | ppbv | | | 30 | 6000 |
| 1,2-Dibromoethane | ND | ND | ppbv | | | 30 | 6000 |
| Chlorobenzene | ND | ND | ppbv | | | 30 | 6000 |
| Ethylbenzene | 4,452 | 4446 | ppbv | | 0 | 30 | 6000 |
| m,p-Xylenes | 15,380 | 16050 | ppbv | | 4 | 30 | 6000 |
| o-Xylene | 5,190 | 5412 | ppbv | | 4 | 30 | 6000 |
| Styrene | ND | 336.0 | ppbv | | | 30 | 6000 |
| Bromoform | ND | ND | ppbv | | | 30 | 6000 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ppbv | | | 30 | 6000 |
| 4-Ethyltoluene | ND | 1032 | ppbv | | | 30 | 6000 |
| 1,3,5-Trimethylbenzene | ND | 726.0 | ppbv | | | 30 | 6000 |
| 1,2,4-Trimethylbenzene | ND | 1020 | ppbv | | | 30 | 6000 |
| 1,3-Dichlorobenzene | ND | ND | ppbv | | | 30 | 6000 |
| 1,4-Dichlorobenzene | ND | ND | ppbv | | | 30 | 6000 |
| Benzyl chloride | ND | ND | ppbv | | | 30 | 6000 |
| 1,2-Dichlorobenzene | ND | ND | ppbv | | | 30 | 6000 |
| 1,2,4-Trichlorobenzene | ND | ND | ppbv | | | 30 | 6000 |
| Hexachlorobutadiene | ND | ND | ppbv | | | 30 | 6000 |
| **Surrogates** | | | | | | | |
| Bromofluorobenzene | 91% | | %REC | | | | 6000 |

* Value is outside QC limits
J Estimated value
ND Not Detected
NS Not Spiked

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

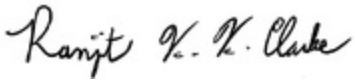
| | |
|---|---|
| Lab Job Number: | 432952 |
| Report Level: | II |
| Report Date: | 09/08/2020 |

**Analytical Report** *prepared for:*

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Project: SOUTH EL MONTE - 22212 Rosemead Blvd. El Monte, CA - Revised Report

*Authorized for release by:*



Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

# Sample Summary

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

| | |
|---|---|
| Lab Job #: | 432952 |
| Project No: | SOUTH EL MONTE |
| Location: | 22212 Rosemead Blvd. El Monte, CA - Revised Report |
| Date Received: | 09/01/20 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| SB-26-5SV | 432952-001 | 08/27/20 11:20 | Air |
| SB-26-15SV | 432952-002 | 08/27/20 11:06 | Air |

# ENTHALPY ANALYTICAL

## Air Chain of Custody Record

Lab No: 432952

Page: 1 of 1

| Turn Around Time (rush by advanced notice only) | | | | | |
|---|---|---|---|---|---|
| Standard: | | 5 Day: | | 3 Day: | |
| 2 Day: | | 1 Day: | | Custom TAT: | |

#N/A

#N/A

Special Instructions:

Report MDLs and flags

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| Company: | EEC environmental | Name: | |
| Report To: | Vanessa Layne | Number: | |
| Email: | Vlayne@eecenvironmental.com | P.O. #: | 53537 |
| Address: | 1 City Blvd W Suite 1900 | Address: | 22212 Rosemead blvd |
| Phone: | | Global ID: | |
| Fax: | | Sampled By: | |

| | Sample ID | Type | Equipment Information | | | Sampling Information | | | | | | Analysis Requested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source | Canister ID | Size (1L, 3L, 6L, 15L) | Flow Controller ID | Sample Start Date | Sample Start Time | Vacuum Start ("Hg) | Sample End Date | Sample End Time | Vacuum End ("Hg) | TO-15 |
| 1 | SB-26-5SV | SV | | 1L | 189 | 8-27-20 | 1110 | -30 | 8.27.20 | 1120 | -5 | X |
| 2 | SB-26-15SV | SV | | 1L | 187 | 8.27.20 | 1055 | -30 | 8.27.20 | 1106 | -5 | X |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|---|---|---|---|---|
| [1] Relinquished By: | | Mike Toko | EEC | |
| [1] Received By: | | Hao Zhang | E-A | 9-1-20 8:17 |
| [2] Relinquished By: | | Hao Zhang | E-A | 9-1-20 8:17 |
| [2] Received By: | | FPDunn | ES | 9/1/20 0817 |
| [3] Relinquished By: | | | | |
| [3] Received By: | | | | |

ENTHALPY ANALYTICAL

# SAMPLE ACCEPTANCE CHECKLIST

**Section 1**

Client: EEC ENVIRONMENTAL Project: _____

Date Received: 9/16/20 Sampler's Name Present: ☐ Yes ☑ No

**Section 2**

Sample(s) received in a cooler? ☐ Yes, How many? _____ ☑ No (skip section 2) Sample Temp (°C) (No Cooler): AMBIENT

Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

*(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)*

Shipping Information: _____

**Section 3**

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

| Section 4 | YES | NO | N/A |
|---|---|---|---|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | | | ✓ |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | | | ✓ |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | | | ✓ |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

**Section 5** Explanations/Comments

_____

_____

_____

**Section 6**

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 9/16/20

ENTHALPY ANALYTICAL

# Analysis Results for 432952

Vanessa Layne
EEC
1 City Boulevard West
Suite 1800
Orange, CA 92868

Lab Job #: 432952
Project No: SOUTH EL MONTE
Location: 22212 Rosemead Blvd. El Monte, CA - Revised Report
Date Received: 09/01/20

**Sample ID: SB-26-5SV** **Lab ID: 432952-001** **Collected: 08/27/20 11:20**
**Matrix: Air**

| 432952-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.11 | 0.11 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 110 | 110 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Propylene | ND | | ug/L | 0.052 | 0.010 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Propylene | ND | | ug/m3 | 52 | 10 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Freon 12 | ND | | ug/L | 0.15 | 0.030 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Freon 12 | ND | | ug/m3 | 150 | 30 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Freon 114 | ND | | ug/L | 0.21 | 0.042 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Freon 114 | ND | | ug/m3 | 210 | 42 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Chloromethane | ND | | ug/L | 0.062 | 0.012 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Chloromethane | ND | | ug/m3 | 62 | 12 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.077 | 0.015 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 77 | 15 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.066 | 0.013 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 66 | 13 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Bromomethane | ND | | ug/L | 0.12 | 0.023 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Bromomethane | ND | | ug/m3 | 120 | 23 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Chloroethane | ND | | ug/L | 0.079 | 0.016 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Chloroethane | ND | | ug/m3 | 79 | 16 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.17 | 0.034 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 170 | 34 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.12 | 0.024 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 120 | 24 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Freon 113 | **0.10** | J | ug/L | 0.23 | 0.046 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Freon 113 | **100** | J | ug/m3 | 230 | 46 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Acetone | **1.1** | | ug/L | 0.71 | 0.18 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Acetone | **1,100** | | ug/m3 | 710 | 180 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.093 | 0.019 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 93 | 19 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Isopropanol (IPA) | **0.30** | J | ug/L | 0.37 | 0.18 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Isopropanol (IPA) | **300** | J | ug/m3 | 370 | 180 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Methylene Chloride | **1.5** | | ug/L | 0.26 | 0.021 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Methylene Chloride | **1,500** | | ug/m3 | 260 | 21 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.12 | 0.024 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 120 | 24 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432952

| 432952-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| MTBE | ND | | ug/L | 0.11 | 0.022 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| MTBE | ND | | ug/m3 | 110 | 22 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| n-Hexane | **0.34** | | ug/L | 0.11 | 0.021 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| n-Hexane | **340** | | ug/m3 | 110 | 21 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1-Dichloroethane | **0.032** | J | ug/L | 0.12 | 0.024 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1-Dichloroethane | **32** | J | ug/m3 | 120 | 24 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Vinyl Acetate | ND | | ug/L | 0.53 | 0.26 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 530 | 260 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/L | 0.12 | 0.024 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 120 | 24 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 2-Butanone | ND | | ug/L | 0.44 | 0.22 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 2-Butanone | ND | | ug/m3 | 440 | 220 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Ethyl Acetate | ND | | ug/L | 0.27 | 0.27 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 270 | 270 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Chloroform | ND | | ug/L | 0.15 | 0.029 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Chloroform | ND | | ug/m3 | 150 | 29 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1,1-Trichloroethane | **0.074** | J | ug/L | 0.16 | 0.033 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1,1-Trichloroethane | **74** | J | ug/m3 | 160 | 33 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Cyclohexane | ND | | ug/L | 0.10 | 0.021 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Cyclohexane | ND | | ug/m3 | 100 | 21 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.19 | 0.038 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 190 | 38 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Benzene | ND | | ug/L | 0.096 | 0.041 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Benzene | ND | | ug/m3 | 96 | 41 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.12 | 0.10 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 120 | 100 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| n-Heptane | ND | | ug/L | 0.12 | 0.025 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| n-Heptane | ND | | ug/m3 | 120 | 25 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Trichloroethene | **1.0** | | ug/L | 0.16 | 0.032 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Trichloroethene | **1,000** | | ug/m3 | 160 | 32 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.14 | 0.028 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 140 | 28 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.20 | 0.040 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 200 | 40 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.14 | 0.027 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 140 | 27 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.12 | 0.025 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 120 | 25 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Toluene | **0.075** | J | ug/L | 0.11 | 0.023 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Toluene | **75** | J | ug/m3 | 110 | 23 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.14 | 0.027 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 140 | 27 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.16 | 0.033 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 160 | 33 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Tetrachloroethene | **10** | | ug/L | 0.20 | 0.041 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Tetrachloroethene | **10,000** | | ug/m3 | 200 | 41 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432952

| 432952-001 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | ND | | ug/L | 0.12 | 0.12 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 2-Hexanone | ND | | ug/m3 | 120 | 120 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Dibromochloromethane | ND | | ug/L | 0.26 | 0.051 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 260 | 51 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.23 | 0.046 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 230 | 46 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Chlorobenzene | ND | | ug/L | 0.14 | 0.028 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Chlorobenzene | ND | | ug/m3 | 140 | 28 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Ethylbenzene | ND | | ug/L | 0.13 | 0.026 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Ethylbenzene | ND | | ug/m3 | 130 | 26 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| m,p-Xylenes | **0.056** | B,J | ug/L | 0.26 | 0.0038 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| m,p-Xylenes | **56** | B,J | ug/m3 | 260 | 3.8 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| o-Xylene | ND | | ug/L | 0.13 | 0.026 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| o-Xylene | ND | | ug/m3 | 130 | 26 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Styrene | ND | | ug/L | 0.13 | 0.026 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Styrene | ND | | ug/m3 | 130 | 26 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Bromoform | ND | | ug/L | 0.31 | 0.062 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Bromoform | ND | | ug/m3 | 310 | 62 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.21 | 0.041 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 210 | 41 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.15 | 0.029 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 150 | 29 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.15 | 0.029 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 150 | 29 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 0.37 | 0.029 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 370 | 29 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Benzyl chloride | ND | | ug/L | 0.39 | 0.031 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Benzyl chloride | ND | | ug/m3 | 390 | 31 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.18 | 0.036 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 180 | 36 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 1.1 | 0.045 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 1,100 | 45 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 0.32 | 0.064 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 320 | 64 | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Xylene (total) | **0.056** | J | ug/L | 0.13 | | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| Xylene (total) | **56** | J | ug/m3 | 130 | | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 98% | | %REC | 60-140 | | 150 | 252291 | 09/06/20 11:01 | 09/06/20 11:01 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432952

| Sample ID: SB-26-15SV | Lab ID: 432952-002 | Collected: 08/27/20 11:06 |
|---|---|---|
| | Matrix: Air | |

| 432952-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15<br>Prep Method: METHOD | | | | | | | | | | |
| 1,4-Dioxane | ND | | ug/L | 0.43 | 0.43 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,4-Dioxane | ND | | ug/m3 | 430 | 430 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Propylene | ND | | ug/L | 0.21 | 0.041 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Propylene | ND | | ug/m3 | 210 | 41 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Freon 12 | ND | | ug/L | 0.59 | 0.12 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Freon 12 | ND | | ug/m3 | 590 | 120 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Freon 114 | ND | | ug/L | 0.84 | 0.17 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Freon 114 | ND | | ug/m3 | 840 | 170 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Chloromethane | ND | | ug/L | 0.25 | 0.050 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Chloromethane | ND | | ug/m3 | 250 | 50 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Vinyl Chloride | ND | | ug/L | 0.31 | 0.061 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Vinyl Chloride | ND | | ug/m3 | 310 | 61 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,3-Butadiene | ND | | ug/L | 0.27 | 0.053 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,3-Butadiene | ND | | ug/m3 | 270 | 53 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Bromomethane | ND | | ug/L | 0.47 | 0.093 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Bromomethane | ND | | ug/m3 | 470 | 93 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Chloroethane | ND | | ug/L | 0.32 | 0.063 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Chloroethane | ND | | ug/m3 | 320 | 63 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Trichlorofluoromethane | ND | | ug/L | 0.67 | 0.13 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Trichlorofluoromethane | ND | | ug/m3 | 670 | 130 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1-Dichloroethene | ND | | ug/L | 0.48 | 0.095 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1-Dichloroethene | ND | | ug/m3 | 480 | 95 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Freon 113 | **0.44** | J | ug/L | 0.92 | 0.18 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Freon 113 | **440** | J | ug/m3 | 920 | 180 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Acetone | **1.5** | J | ug/L | 2.9 | 0.71 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Acetone | **1,500** | J | ug/m3 | 2,900 | 710 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Carbon Disulfide | ND | | ug/L | 0.37 | 0.075 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Carbon Disulfide | ND | | ug/m3 | 370 | 75 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Isopropanol (IPA) | ND | | ug/L | 1.5 | 0.74 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Isopropanol (IPA) | ND | | ug/m3 | 1,500 | 740 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Methylene Chloride | **0.98** | J | ug/L | 1.0 | 0.083 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Methylene Chloride | **980** | J | ug/m3 | 1,000 | 83 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/L | 0.48 | 0.095 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 480 | 95 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| MTBE | ND | | ug/L | 0.43 | 0.087 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| MTBE | ND | | ug/m3 | 430 | 87 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| n-Hexane | **0.25** | J | ug/L | 0.42 | 0.085 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| n-Hexane | **250** | J | ug/m3 | 420 | 85 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1-Dichloroethane | **1.0** | | ug/L | 0.49 | 0.097 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1-Dichloroethane | **1,000** | | ug/m3 | 490 | 97 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432952

| 432952-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Vinyl Acetate | ND | | ug/L | 2.1 | 1.1 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Vinyl Acetate | ND | | ug/m3 | 2,100 | 1,100 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| cis-1,2-Dichloroethene | **0.25** | J | ug/L | 0.48 | 0.095 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| cis-1,2-Dichloroethene | **250** | J | ug/m3 | 480 | 95 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 2-Butanone | ND | | ug/L | 1.8 | 0.88 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 2-Butanone | ND | | ug/m3 | 1,800 | 880 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Ethyl Acetate | ND | | ug/L | 1.1 | 1.1 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Ethyl Acetate | ND | | ug/m3 | 1,100 | 1,100 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Chloroform | ND | | ug/L | 0.59 | 0.12 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Chloroform | ND | | ug/m3 | 590 | 120 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1,1-Trichloroethane | **0.28** | J | ug/L | 0.65 | 0.13 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1,1-Trichloroethane | **280** | J | ug/m3 | 650 | 130 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Cyclohexane | ND | | ug/L | 0.41 | 0.083 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Cyclohexane | ND | | ug/m3 | 410 | 83 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Carbon Tetrachloride | ND | | ug/L | 0.75 | 0.15 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Carbon Tetrachloride | ND | | ug/m3 | 750 | 150 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Benzene | ND | | ug/L | 0.38 | 0.16 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Benzene | ND | | ug/m3 | 380 | 160 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2-Dichloroethane | ND | | ug/L | 0.49 | 0.41 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2-Dichloroethane | ND | | ug/m3 | 490 | 410 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| n-Heptane | ND | | ug/L | 0.49 | 0.098 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| n-Heptane | ND | | ug/m3 | 490 | 98 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Trichloroethene | **8.5** | | ug/L | 0.64 | 0.13 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Trichloroethene | **8,500** | | ug/m3 | 640 | 130 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2-Dichloropropane | ND | | ug/L | 0.55 | 0.11 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2-Dichloropropane | ND | | ug/m3 | 550 | 110 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Bromodichloromethane | ND | | ug/L | 0.80 | 0.16 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Bromodichloromethane | ND | | ug/m3 | 800 | 160 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/L | 0.54 | 0.11 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 540 | 110 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/L | 0.49 | 0.098 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 490 | 98 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Toluene | **0.13** | J | ug/L | 0.45 | 0.090 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Toluene | **130** | J | ug/m3 | 450 | 90 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/L | 0.54 | 0.11 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 540 | 110 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/L | 0.65 | 0.13 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 650 | 130 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Tetrachloroethene | **41** | | ug/L | 0.81 | 0.16 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Tetrachloroethene | **41,000** | | ug/m3 | 810 | 160 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 2-Hexanone | ND | | ug/L | 0.49 | 0.49 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 2-Hexanone | ND | | ug/m3 | 490 | 490 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Dibromochloromethane | ND | | ug/L | 1.0 | 0.20 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Dibromochloromethane | ND | | ug/m3 | 1,000 | 200 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2-Dibromoethane | ND | | ug/L | 0.92 | 0.18 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2-Dibromoethane | ND | | ug/m3 | 920 | 180 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 432952

| 432952-002 Analyte | Result | Qual | Units | RL | MDL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | ND | | ug/L | 0.55 | 0.11 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Chlorobenzene | ND | | ug/m3 | 550 | 110 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Ethylbenzene | ND | | ug/L | 0.52 | 0.10 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Ethylbenzene | ND | | ug/m3 | 520 | 100 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| m,p-Xylenes | **0.13** | B,J | ug/L | 1.0 | 0.015 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| m,p-Xylenes | **130** | B,J | ug/m3 | 1,000 | 15 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| o-Xylene | ND | | ug/L | 0.52 | 0.10 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| o-Xylene | ND | | ug/m3 | 520 | 100 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Styrene | ND | | ug/L | 0.51 | 0.10 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Styrene | ND | | ug/m3 | 510 | 100 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Bromoform | ND | | ug/L | 1.2 | 0.25 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Bromoform | ND | | ug/m3 | 1,200 | 250 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/L | 0.82 | 0.16 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 820 | 160 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 4-Ethyltoluene | ND | | ug/L | 0.59 | 0.12 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 4-Ethyltoluene | ND | | ug/m3 | 590 | 120 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/L | 0.59 | 0.12 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 590 | 120 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/L | 1.5 | 0.12 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2,4-Trimethylbenzene | ND | | ug/m3 | 1,500 | 120 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/L | 0.72 | 0.14 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 720 | 140 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/L | 0.72 | 0.14 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 720 | 140 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Benzyl chloride | ND | | ug/L | 1.6 | 0.12 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Benzyl chloride | ND | | ug/m3 | 1,600 | 120 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/L | 0.72 | 0.14 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 720 | 140 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/L | 4.5 | 0.18 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 4,500 | 180 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Hexachlorobutadiene | ND | | ug/L | 1.3 | 0.26 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Hexachlorobutadiene | ND | | ug/m3 | 1,300 | 260 | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Xylene (total) | **0.13** | J | ug/L | 0.52 | | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| Xylene (total) | **130** | J | ug/m3 | 520 | | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |
| **Surrogates** | | | | **Limits** | | | | | | |
| Bromofluorobenzene | 99% | | %REC | 60-140 | | 600 | 252291 | 09/06/20 12:32 | 09/06/20 12:32 | GVO |

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC884604** | **Batch:** | **252291** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC884604 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | | ppbv | 0.20 | 0.20 | 09/06/20 08:56 | 09/06/20 08:56 |
| Propylene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Freon 12 | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Freon 114 | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Chloromethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Vinyl Chloride | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,3-Butadiene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Bromomethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Chloroethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Trichlorofluoromethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,1-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Freon 113 | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Acetone | ND | | ppbv | 2.0 | 0.50 | 09/06/20 08:56 | 09/06/20 08:56 |
| Carbon Disulfide | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Isopropanol (IPA) | ND | | ppbv | 1.0 | 0.50 | 09/06/20 08:56 | 09/06/20 08:56 |
| Methylene Chloride | ND | | ppbv | 0.50 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| MTBE | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| n-Hexane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,1-Dichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Vinyl Acetate | ND | | ppbv | 1.0 | 0.50 | 09/06/20 08:56 | 09/06/20 08:56 |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 2-Butanone | ND | | ppbv | 1.0 | 0.50 | 09/06/20 08:56 | 09/06/20 08:56 |
| Ethyl Acetate | ND | | ppbv | 0.50 | 0.50 | 09/06/20 08:56 | 09/06/20 08:56 |
| Chloroform | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Cyclohexane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Carbon Tetrachloride | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Benzene | ND | | ppbv | 0.20 | 0.086 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,2-Dichloroethane | ND | | ppbv | 0.20 | 0.17 | 09/06/20 08:56 | 09/06/20 08:56 |
| n-Heptane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Trichloroethene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,2-Dichloropropane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Bromodichloromethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Toluene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Tetrachloroethene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 2-Hexanone | ND | | ppbv | 0.20 | 0.20 | 09/06/20 08:56 | 09/06/20 08:56 |
| Dibromochloromethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |

ENTHALPY ANALYTICAL

## Batch QC

| QC884604 Analyte | Result | Qual | Units | RL | MDL | Prepared | Analyzed |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Chlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Ethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| m,p-Xylenes | 0.011 | J | ppbv | 0.40 | 0.0058 | 09/06/20 08:56 | 09/06/20 08:56 |
| o-Xylene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Styrene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Bromoform | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 4-Ethyltoluene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,3,5-Trimethylbenzene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,2,4-Trimethylbenzene | ND | | ppbv | 0.50 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Benzyl chloride | ND | | ppbv | 0.50 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,2-Dichlorobenzene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| 1,2,4-Trichlorobenzene | 0.044 | J | ppbv | 1.0 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Hexachlorobutadiene | ND | | ppbv | 0.20 | 0.040 | 09/06/20 08:56 | 09/06/20 08:56 |
| Xylene (total) | 0.011 | J | ppbv | 0.20 | | 09/06/20 08:56 | 09/06/20 08:56 |
| **Surrogates** | | | | **Limits** | | | |
| Bromofluorobenzene | 96% | | %REC | 60-140 | | 09/06/20 08:56 | 09/06/20 08:56 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Sample Duplicate** | **Lab ID:** | **QC884605** | **Batch:** | **252291** |
| **Matrix (Source ID):** | **Air (432952-001)** | **Method:** | **EPA TO-15** | **Prep Method:** | **METHOD** |

| QC884605 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | ND | ND | ppbv | | | 30 | 150 |
| Propylene | ND | ND | ppbv | | | 30 | 150 |
| Freon 12 | ND | ND | ppbv | | | 30 | 150 |
| Freon 114 | ND | ND | ppbv | | | 30 | 150 |
| Chloromethane | ND | ND | ppbv | | | 30 | 150 |
| Vinyl Chloride | ND | ND | ppbv | | | 30 | 150 |
| 1,3-Butadiene | ND | ND | ppbv | | | 30 | 150 |
| Bromomethane | ND | ND | ppbv | | | 30 | 150 |
| Chloroethane | ND | ND | ppbv | | | 30 | 150 |
| Trichlorofluoromethane | ND | ND | ppbv | | | 30 | 150 |
| 1,1-Dichloroethene | ND | ND | ppbv | | | 30 | 150 |
| Freon 113 | ND | 13.34 | ppbv | | | 30 | 150 |
| Acetone | 498.5 | 448.6 | ppbv | | 11 | 30 | 150 |
| Carbon Disulfide | ND | ND | ppbv | | | 30 | 150 |
| Isopropanol (IPA) | 209.8 | 120.6 | ppbv | | | 30 | 150 |
| Methylene Chloride | 445.7 | 433.0 | ppbv | | 3 | 30 | 150 |
| trans-1,2-Dichloroethene | ND | ND | ppbv | | | 30 | 150 |
| MTBE | ND | ND | ppbv | | | 30 | 150 |
| n-Hexane | 98.68 | 96.54 | ppbv | | 2 | 30 | 150 |
| 1,1-Dichloroethane | ND | 7.858 | ppbv | | | 30 | 150 |
| Vinyl Acetate | ND | ND | ppbv | | | 30 | 150 |
| cis-1,2-Dichloroethene | ND | ND | ppbv | | | 30 | 150 |
| 2-Butanone | ND | ND | ppbv | | | 30 | 150 |
| Ethyl Acetate | ND | ND | ppbv | | | 30 | 150 |
| Chloroform | ND | ND | ppbv | | | 30 | 150 |
| 1,1,1-Trichloroethane | ND | 13.50 | ppbv | | | 30 | 150 |
| Cyclohexane | ND | ND | ppbv | | | 30 | 150 |
| Carbon Tetrachloride | ND | ND | ppbv | | | 30 | 150 |
| Benzene | ND | ND | ppbv | | | 30 | 150 |
| 1,2-Dichloroethane | ND | ND | ppbv | | | 30 | 150 |
| n-Heptane | ND | ND | ppbv | | | 30 | 150 |
| Trichloroethene | 194.2 | 188.3 | ppbv | | 3 | 30 | 150 |
| 1,2-Dichloropropane | ND | ND | ppbv | | | 30 | 150 |
| Bromodichloromethane | ND | ND | ppbv | | | 30 | 150 |
| cis-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 150 |
| 4-Methyl-2-Pentanone | ND | ND | ppbv | | | 30 | 150 |
| Toluene | ND | 20.02 | ppbv | | | 30 | 150 |
| trans-1,3-Dichloropropene | ND | ND | ppbv | | | 30 | 150 |
| 1,1,2-Trichloroethane | ND | ND | ppbv | | | 30 | 150 |
| Tetrachloroethene | 1,580 | 1522 | ppbv | | 4 | 30 | 150 |

ENTHALPY ANALYTICAL

# Batch QC

| QC884605 Analyte | Result | Source Sample Result | Units | Qual | RPD | RPD Lim | DF |
|---|---|---|---|---|---|---|---|
| 2-Hexanone | ND | ND | ppbv | | | 30 | 150 |
| Dibromochloromethane | ND | ND | ppbv | | | 30 | 150 |
| 1,2-Dibromoethane | ND | ND | ppbv | | | 30 | 150 |
| Chlorobenzene | ND | ND | ppbv | | | 30 | 150 |
| Ethylbenzene | ND | ND | ppbv | | | 30 | 150 |
| m,p-Xylenes | ND | 12.81 | ppbv | | | 30 | 150 |
| o-Xylene | ND | ND | ppbv | | | 30 | 150 |
| Styrene | ND | ND | ppbv | | | 30 | 150 |
| Bromoform | ND | ND | ppbv | | | 30 | 150 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ppbv | | | 30 | 150 |
| 4-Ethyltoluene | ND | ND | ppbv | | | 30 | 150 |
| 1,3,5-Trimethylbenzene | ND | ND | ppbv | | | 30 | 150 |
| 1,2,4-Trimethylbenzene | ND | ND | ppbv | | | 30 | 150 |
| 1,3-Dichlorobenzene | ND | ND | ppbv | | | 30 | 150 |
| 1,4-Dichlorobenzene | ND | ND | ppbv | | | 30 | 150 |
| Benzyl chloride | ND | ND | ppbv | | | 30 | 150 |
| 1,2-Dichlorobenzene | ND | ND | ppbv | | | 30 | 150 |
| 1,2,4-Trichlorobenzene | ND | ND | ppbv | | | 30 | 150 |
| Hexachlorobutadiene | ND | ND | ppbv | | | 30 | 150 |
| **Surrogates** | | | | | | | |
| Bromofluorobenzene | 99% | | %REC | | | | 150 |

J Estimated value
ND Not Detected

September 28, 2020

Vanessa Layne
EEC Environmental
1 City Boulevard West  Suite 1800
Orange, CA 92868

RE: 2226 Rosemead Blvd.  South El Monte  CA. 91733

Enclosed are the results of analyses for soil gas samples received by Environmental Support Technologies laboratory on 09/24/20 14:48.  The analyses were performed according to the prescribed method as outlined by EPA 8260B. A shut in test was performed, leak test was performed, equipment blank was run, and selected purge volume was 3PV.  If you have any questions concerning this report, please feel free to contact Project Manager.

Sincerely,

Ashley Flores

Ashley Flores
Project Manager

Environmental Support Technologies laboratories are certified by the California Department of Health Services (CDHS), Environmental Laboratory Accreditation Program (ELAP) No's. 2772, 2773, and 2767.

8 Goodyear, Suite 125, Irvine, California 92618
Telephone: (949) 679-9500  Fax: (949) 679-9501

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Analyzed |
|---|---|---|---|---|
| Equipment Blank | 3I02401-01 | Air | 24-Sep-20 06:40 | 24-Sep-20 06:53 |
| HP-1-5SV | 3I02401-02 | Air | 24-Sep-20 07:45 | 24-Sep-20 07:57 |
| HP-1-15SV | 3I02401-03 | Air | 24-Sep-20 08:40 | 24-Sep-20 08:52 |
| HP-1-15SV-DUP | 3I02401-04 | Air | 24-Sep-20 09:05 | 24-Sep-20 09:19 |
| HP-1-30SV | 3I02401-05 | Air | 24-Sep-20 09:30 | 24-Sep-20 09:46 |
| HP-1-40SV | 3I02401-06 | Air | 24-Sep-20 10:00 | 24-Sep-20 10:13 |
| HP-2-5SV | 3I02401-07 | Air | 24-Sep-20 10:25 | 24-Sep-20 10:40 |
| HP-2-15SV | 3I02401-08 | Air | 24-Sep-20 10:55 | 24-Sep-20 11:08 |
| HP-2-30SV | 3I02401-09 | Air | 24-Sep-20 11:20 | 24-Sep-20 11:34 |
| HP-2-40SV | 3I02401-10 | Air | 24-Sep-20 12:45 | 24-Sep-20 12:54 |
| HP-3-5SV | 3I02401-11 | Air | 24-Sep-20 13:05 | 24-Sep-20 13:22 |
| HP-3-15SV | 3I02401-12 | Air | 24-Sep-20 13:35 | 24-Sep-20 13:49 |
| HP-3-30SV | 3I02401-13 | Air | 24-Sep-20 14:00 | 24-Sep-20 14:16 |
| HP-3-40SV | 3I02401-14 | Air | 24-Sep-20 14:30 | 24-Sep-20 14:44 |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Equipment Blank (3I02401-01) Air** | **Sampled: 09/24/20 06:40** | | **Analyzed: 09/24/20 06:53** | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloro-trifluoroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| Benzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| Chloroform | ND | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Equipment Blank (3I02401-01) Air** | **Sampled: 09/24/20 06:40** | | **Analyzed: 09/24/20 06:53** | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| meta- and para-Xylenes | ND | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 5.0 | " | " | " | " | " | " | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| Trichloroethene | ND | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Vinyl Chloride | ND | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *96.0 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *111 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *88.0 %* | *75-125* | | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-5SV (3I02401-02) Air Sampled: 09/24/20 07:45 Analyzed: 09/24/20 07:57** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **72** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **96** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **51** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **4.8** | 5.0 | " | " | " | " | " | " | J |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **15** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **12** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| **Bromodichloromethane** | **45** | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| **Carbon disulfide** | **21** | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **67** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **70** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-5SV (3I02401-02) Air Sampled: 09/24/20 07:45 Analyzed: 09/24/20 07:57** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **Dibromochloromethane** | **38** | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **10** | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **26** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **7.6** | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **42** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **10000** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **54** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **21** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1600** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **7.2** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *95.2 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *110 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *88.0 %* | | *75-125* | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-15SV (3I02401-03) Air Sampled: 09/24/20 08:40 Analyzed: 09/24/20 08:52** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **84** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **97** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **130** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **7.8** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **5.6** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **9.4** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **180** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-15SV (3I02401-03) Air Sampled: 09/24/20 08:40 Analyzed: 09/24/20 08:52** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **7.2** | 10 | " | " | " | " | " | " | J |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **27** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **6.2** | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **30** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **13000** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **37** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **33** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **2500** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Vinyl Chloride | ND | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *99.2 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *106 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *88.8 %* | | *75-125* | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-15SV-DUP (3I02401-04) Air** | **Sampled: 09/24/20 09:05** | | **Analyzed: 09/24/20 09:19** | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **77** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **96** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **140** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **3.4** | 5.0 | " | " | " | " | " | " | J |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **3.2** | 5.0 | " | " | " | " | " | " | J |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **4.4** | 5.0 | " | " | " | " | " | " | J |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **8.8** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **180** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-15SV-DUP (3I02401-04) Air** | **Sampled: 09/24/20 09:05** | | **Analyzed: 09/24/20 09:19** | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **11** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **12** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **13000** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **22** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **32** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **2500** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **5.4** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *99.2 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *107 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *92.0 %* | *75-125* | | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-30SV (3I02401-05) Air Sampled: 09/24/20 09:30 Analyzed: 09/24/20 09:46** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **41** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **120** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **240** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **6.4** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **4.6** | 5.0 | " | " | " | " | " | " | J |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| **Bromodichloromethane** | **6.2** | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **10** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **530** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-30SV (3I02401-05) Air Sampled: 09/24/20 09:30 Analyzed: 09/24/20 09:46** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **16** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **10** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **6900** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **22** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **49** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **2000** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **6.0** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *95.2 %* | | *75-125* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *114 %* | | *75-125* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *92.8 %* | | *75-125* | | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-40SV (3I02401-06) Air Sampled: 09/24/20 10:00 Analyzed: 09/24/20 10:13** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **6.6** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **97** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **340** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **9.2** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **5.8** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **6.8** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| **Carbon disulfide** | **52** | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| Chloroform | ND | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **1100** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-1-40SV (3I02401-06) Air Sampled: 09/24/20 10:00 Analyzed: 09/24/20 10:13** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| **Dichlorodifluoromethane** | **2.8** | 5.0 | " | " | " | " | " | " | J |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **14** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **3.8** | 5.0 | " | " | " | " | " | " | J |
| **p-Isopropyltoluene** | **22** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **1400** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **20** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **26** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1000** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **38** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *96.0 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *109 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *93.6 %* | | *75-125* | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-2-5SV (3I02401-07) Air Sampled: 09/24/20 10:25 Analyzed: 09/24/20 10:40** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **89** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **120** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **270** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **10** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **4.0** | 5.0 | " | " | " | " | " | " | J |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **13** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| **Bromodichloromethane** | **24** | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| **Carbon disulfide** | **18** | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **49** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **500** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-2-5SV (3I02401-07) Air Sampled: 09/24/20 10:25 Analyzed: 09/24/20 10:40** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **8.8** | 10 | " | " | " | " | " | " | J |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **27** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **8.6** | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **11** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **18000** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **62** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **94** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **3600** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **18** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *104 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *92.8 %* | *75-125* | | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-2-15SV (3I02401-08) Air Sampled: 09/24/20 10:55 Analyzed: 09/24/20 11:08** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **110** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **160** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **760** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **15** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **2.6** | 5.0 | " | " | " | " | " | " | J |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,2-Dichloropropane** | **26** | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **5.2** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| **Bromodichloromethane** | **5.6** | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| **Chlorobenzene** | **12** | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **17** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **2500** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-2-15SV (3I02401-08) Air Sampled: 09/24/20 10:55 Analyzed: 09/24/20 11:08** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **15** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **3.4** | 5.0 | " | " | " | " | " | " | J |
| **p-Isopropyltoluene** | **11** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **30000** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **27** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **220** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **7900** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **24** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *102 %* | | *75-125* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *106 %* | | *75-125* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *92.8 %* | | *75-125* | | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-2-30SV (3I02401-09) Air Sampled: 09/24/20 11:20 Analyzed: 09/24/20 11:34** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **69** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **140** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **960** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **9.4** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,2-Dichloropropane** | **37** | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| Benzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| **Chlorobenzene** | **17** | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **7.4** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **3900** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-2-30SV (3I02401-09) Air Sampled: 09/24/20 11:20 Analyzed: 09/24/20 11:34** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **10** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **7.4** | 10 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **25000** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **19** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **280** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **8600** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **28** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *114 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *99.2 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *95.2 %* | | *75-125* | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-2-40SV (3I02401-10) Air Sampled: 09/24/20 12:45 Analyzed: 09/24/20 12:54** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **20** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **140** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1000** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **10** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,2-Dichloropropane** | **30** | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **5.0** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| **Carbon disulfide** | **15** | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| **Chlorobenzene** | **5.0** | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| Chloroform | ND | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **4900** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-2-40SV (3I02401-10) Air Sampled: 09/24/20 12:45 Analyzed: 09/24/20 12:54** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **4.4** | 5.0 | " | " | " | " | " | " | J |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **6.4** | 10 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **7400** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **9.0** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **250** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **6500** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **19** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *99.2 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *107 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *91.2 %* | *75-125* | | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-3-5SV (3I02401-11) Air Sampled: 09/24/20 13:05 Analyzed: 09/24/20 13:22** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **81** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **110** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **110** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **7.2** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| **Bromodichloromethane** | **9.6** | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **12** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **48** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-3-5SV (3I02401-11) Air Sampled: 09/24/20 13:05 Analyzed: 09/24/20 13:22** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **13** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **10000** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **24** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **14** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **1500** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Vinyl Chloride | ND | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *114 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *101 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *93.6 %* | | *75-125* | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-3-15SV (3I02401-12) Air Sampled: 09/24/20 13:35 Analyzed: 09/24/20 13:49** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **120** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **140** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **520** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| Benzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **16** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **130** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-3-15SV (3I02401-12) Air Sampled: 09/24/20 13:35 Analyzed: 09/24/20 13:49** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **3.6** | 5.0 | " | " | " | " | " | " | J |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **11000** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **13** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **43** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **3000** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Vinyl Chloride | ND | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *114 %* | | *75-125* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *102 %* | | *75-125* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *95.2 %* | | *75-125* | | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-3-30SV (3I02401-13) Air Sampled: 09/24/20 14:00 Analyzed: 09/24/20 14:16** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **54** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **190** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1100** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **6.8** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **14** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| **Bromodichloromethane** | **4.0** | 5.0 | " | " | " | " | " | " | J |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **14** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **450** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-3-30SV (3I02401-13) Air Sampled: 09/24/20 14:00 Analyzed: 09/24/20 14:16** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **2.2** | 5.0 | " | " | " | " | " | " | J |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **21** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **8300** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **17** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **74** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **2800** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Vinyl Chloride | ND | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *108 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *106 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *92.0 %* | | *75-125* | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-3-40SV (3I02401-14) Air Sampled: 09/24/20 14:30 Analyzed: 09/24/20 14:44** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| **1,1,1-Trichloroethane** | **13** | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **230** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1600** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **17** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **17** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| **Carbon disulfide** | **1.8** | 5.0 | " | " | " | " | " | " | J |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| Chloroform | ND | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **1200** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-3-40SV (3I02401-14) Air Sampled: 09/24/20 14:30 Analyzed: 09/24/20 14:44** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2401 | 09/24/20 | 09/24/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **4.2** | 5.0 | " | " | " | " | " | " | J |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **26** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **5900** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **17** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **150** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **3700** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **7.8** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *109 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *107 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *91.2 %* | | *75-125* | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# Volatile Organic Compounds - Quality Control
# Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2401 - Volatiles** | | | | | | | | | | |
| **Blank (30I2401-BLK1)** | | | | Prepared & Analyzed: 09/24/20 | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | | | | | | | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | | | | | | | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | | | | | | | |
| 1,1,2-Trichloro-trifluoroethane | ND | 5.0 | " | | | | | | | |
| 1,1-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,1-Dichloroethene | ND | 5.0 | " | | | | | | | |
| 1,1-Dichloropropene | ND | 5.0 | " | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | | | | | | | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | | | | | | | |
| 1,2-Dibromoethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dichloropropane | ND | 10 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | | | | | | | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | | | | | | | |
| 1,3-Dichloropropane | ND | 5.0 | " | | | | | | | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | | | | | | | |
| 2,2-Dichloropropane | ND | 20 | " | | | | | | | |
| 2-Chlorotoluene | ND | 5.0 | " | | | | | | | |
| 4-Chlorotoluene | ND | 5.0 | " | | | | | | | |
| Benzene | ND | 5.0 | " | | | | | | | |
| Bromobenzene | ND | 5.0 | " | | | | | | | |
| Bromochloromethane | ND | 90 | " | | | | | | | |
| Bromodichloromethane | ND | 5.0 | " | | | | | | | |
| Bromoform | ND | 5.0 | " | | | | | | | |
| Bromomethane | ND | 10 | " | | | | | | | |
| Carbon disulfide | ND | 5.0 | " | | | | | | | |
| Carbon tetrachloride | ND | 20 | " | | | | | | | |
| Chlorobenzene | ND | 5.0 | " | | | | | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2401 - Volatiles** | | | | | | | | | | |
| **Blank (30I2401-BLK1)** | | | | Prepared & Analyzed: 09/24/20 | | | | | | |
| Chloroethane | ND | 5.0 | ug/m³ | | | | | | | |
| Chloroform | ND | 5.0 | " | | | | | | | |
| Chloromethane | ND | 10 | " | | | | | | | |
| cis-1,2-Dichloroethene | ND | 10 | " | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | " | | | | | | | |
| Dibromochloromethane | ND | 5.0 | " | | | | | | | |
| Dibromomethane | ND | 5.0 | " | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | " | | | | | | | |
| Ethylbenzene | ND | 10 | " | | | | | | | |
| Hexachlorobutadiene | ND | 20 | " | | | | | | | |
| Isopropylbenzene | ND | 5.0 | " | | | | | | | |
| meta- and para-Xylenes | ND | 5.0 | " | | | | | | | |
| Methylene Chloride | ND | 5.0 | " | | | | | | | |
| Naphthalene | ND | 5.0 | " | | | | | | | |
| n-Butylbenzene | ND | 5.0 | " | | | | | | | |
| n-Propylbenzene | ND | 5.0 | " | | | | | | | |
| ortho-Xylene | ND | 5.0 | " | | | | | | | |
| p-Isopropyltoluene | ND | 10 | " | | | | | | | |
| sec-Butylbenzene | ND | 5.0 | " | | | | | | | |
| Styrene | ND | 5.0 | " | | | | | | | |
| tert-Butylbenzene | ND | 5.0 | " | | | | | | | |
| Tetrachloroethene | ND | 5.0 | " | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| trans-1,2-Dichloroethene | ND | 10 | " | | | | | | | |
| trans-1,3-Dichloropropene | ND | 20 | " | | | | | | | |
| Trichloroethene | ND | 5.0 | " | | | | | | | |
| Trichlorofluoromethane | ND | 5.0 | " | | | | | | | |
| Vinyl Chloride | ND | 5.0 | " | | | | | | | |
| 2-Propanol | ND | 2500 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *2420* | | *"* | *2500* | | *96.8* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *2660* | | *"* | *2500* | | *106* | *75-125* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2240* | | *"* | *2500* | | *89.6* | *75-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2401 - Volatiles** | | | | | | | | | | |
| **LCS (30I2401-BS1)** | | | | Prepared & Analyzed: 09/24/20 | | | | | | |
| 1,1,1,2-Tetrachloroethane | 490 | 5.0 | ug/m³ | 500 | | 98.0 | 75-136 | | | |
| 1,1,1-Trichloroethane | 540 | 5.0 | " | 500 | | 108 | 73-134 | | | |
| 1,1,2,2-Tetrachloroethane | 530 | 5.0 | " | 500 | | 106 | 56-149 | | | |
| 1,1,2-Trichloroethane | 470 | 5.0 | " | 500 | | 94.0 | 67-137 | | | |
| 1,1,2-Trichloro-trifluoroethane | 510 | 5.0 | " | 500 | | 102 | 83-125 | | | |
| 1,1-Dichloroethane | 510 | 5.0 | " | 500 | | 102 | 80-121 | | | |
| 1,1-Dichloroethene | 560 | 5.0 | " | 500 | | 112 | 73-137 | | | |
| 1,1-Dichloropropene | 510 | 5.0 | " | 500 | | 102 | 77-122 | | | |
| 1,2,3-Trichlorobenzene | 550 | 10 | " | 500 | | 110 | 67-133 | | | |
| 1,2,3-Trichloropropane | 470 | 5.0 | " | 500 | | 94.0 | 56-145 | | | |
| 1,2,4-Trichlorobenzene | 540 | 5.0 | " | 500 | | 108 | 71-135 | | | |
| 1,2,4-Trimethylbenzene | 490 | 5.0 | " | 500 | | 98.0 | 76-140 | | | |
| 1,2-Dibromo-3-chloropropane | 480 | 45 | " | 500 | | 96.0 | 43-158 | | | |
| 1,2-Dibromoethane | 550 | 5.0 | " | 500 | | 110 | 80-130 | | | |
| 1,2-Dichlorobenzene | 520 | 5.0 | " | 500 | | 104 | 67-139 | | | |
| 1,2-Dichloroethane | 460 | 5.0 | " | 500 | | 92.0 | 75-131 | | | |
| 1,2-Dichloropropane | 480 | 10 | " | 500 | | 96.0 | 62-144 | | | |
| 1,3,5-Trimethylbenzene | 490 | 5.0 | " | 500 | | 98.0 | 78-125 | | | |
| 1,3-Dichlorobenzene | 560 | 5.0 | " | 500 | | 112 | 82-120 | | | |
| 1,3-Dichloropropane | 450 | 5.0 | " | 500 | | 90.0 | 61-145 | | | |
| 1,4-Dichlorobenzene | 540 | 5.0 | " | 500 | | 108 | 84-120 | | | |
| 2,2-Dichloropropane | 470 | 20 | " | 500 | | 94.0 | 68-134 | | | |
| 2-Chlorotoluene | 530 | 5.0 | " | 500 | | 106 | 65-127 | | | |
| 4-Chlorotoluene | 490 | 5.0 | " | 500 | | 98.0 | 65-127 | | | |
| Benzene | 490 | 5.0 | " | 500 | | 98.0 | 79-118 | | | |
| Bromobenzene | 550 | 5.0 | " | 500 | | 110 | 69-140 | | | |
| Bromochloromethane | 550 | 90 | " | 500 | | 110 | 61-141 | | | |
| Bromodichloromethane | 470 | 5.0 | " | 500 | | 94.0 | 67-137 | | | |
| Bromoform | 510 | 5.0 | " | 500 | | 102 | 57-152 | | | |
| Bromomethane | 510 | 10 | " | 500 | | 102 | 51-148 | | | |
| Carbon disulfide | 510 | 5.0 | " | 500 | | 102 | 61-140 | | | |
| Carbon tetrachloride | 460 | 20 | " | 500 | | 92.0 | 74-143 | | | |
| Chlorobenzene | 490 | 5.0 | " | 500 | | 98.0 | 67-140 | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2401 - Volatiles** | | | | | | | | | | |
| **LCS (30I2401-BS1)** | | | | Prepared & Analyzed: 09/24/20 | | | | | | |
| Chloroethane | 520 | 5.0 | ug/m³ | 500 | | 104 | 60-137 | | | |
| Chloroform | 470 | 5.0 | " | 500 | | 94.0 | 82-140 | | | |
| Chloromethane | 540 | 10 | " | 500 | | 108 | 58-139 | | | |
| cis-1,2-Dichloroethene | 540 | 10 | " | 500 | | 108 | 85-116 | | | |
| cis-1,3-Dichloropropene | 500 | 20 | " | 500 | | 100 | 66-142 | | | |
| Dibromochloromethane | 470 | 5.0 | " | 500 | | 94.0 | 61-140 | | | |
| Dibromomethane | 480 | 5.0 | " | 500 | | 96.0 | 66-143 | | | |
| Dichlorodifluoromethane | 500 | 5.0 | " | 500 | | 100 | 47-129 | | | |
| Ethylbenzene | 540 | 10 | " | 500 | | 108 | 70-125 | | | |
| Hexachlorobutadiene | 550 | 20 | " | 500 | | 110 | 71-145 | | | |
| Isopropylbenzene | 510 | 5.0 | " | 500 | | 102 | 85-116 | | | |
| meta- and para-Xylenes | 1100 | 5.0 | " | 1000 | | 110 | 83-115 | | | |
| Methylene Chloride | 560 | 5.0 | " | 500 | | 112 | 81-126 | | | |
| Naphthalene | 510 | 5.0 | " | 500 | | 102 | 56-140 | | | |
| n-Butylbenzene | 530 | 5.0 | " | 500 | | 106 | 60-149 | | | |
| n-Propylbenzene | 470 | 5.0 | " | 500 | | 94.0 | 77-129 | | | |
| ortho-Xylene | 490 | 5.0 | " | 500 | | 98.0 | 85-115 | | | |
| p-Isopropyltoluene | 520 | 10 | " | 500 | | 104 | 63-144 | | | |
| sec-Butylbenzene | 500 | 5.0 | " | 500 | | 100 | 68-128 | | | |
| Styrene | 510 | 5.0 | " | 500 | | 102 | 65-142 | | | |
| tert-Butylbenzene | 560 | 5.0 | " | 500 | | 112 | 60-128 | | | |
| Tetrachloroethene | 520 | 5.0 | " | 500 | | 104 | 60-144 | | | |
| Toluene | 550 | 5.0 | " | 500 | | 110 | 70-115 | | | |
| trans-1,2-Dichloroethene | 490 | 10 | " | 500 | | 98.0 | 72-133 | | | |
| trans-1,3-Dichloropropene | 530 | 20 | " | 500 | | 106 | 68-140 | | | |
| Trichloroethene | 450 | 5.0 | " | 500 | | 90.0 | 68-132 | | | |
| Trichlorofluoromethane | 460 | 5.0 | " | 500 | | 92.0 | 62-144 | | | |
| Vinyl Chloride | 550 | 5.0 | " | 500 | | 110 | 66-137 | | | |
| *Surrogate: Dibromofluoromethane* | *12200* | | *"* | *12500* | | *97.6* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *12600* | | *"* | *12500* | | *101* | *75-125* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *11600* | | *"* | *12500* | | *92.8* | *75-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2401 - Volatiles** | | | | | | | | | | |
| **Duplicate (30I2401-DUP1)** | | **Source: 3I02401-02** | | Prepared & Analyzed: 09/24/20 | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | | ND | | | | 50 | |
| 1,1,1-Trichloroethane | 48.6 | 5.0 | " | | 72.2 | | | 39.1 | 50 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,1,2-Trichloro-trifluoroethane | 66.6 | 5.0 | " | | 96.2 | | | 36.4 | 50 | |
| 1,1-Dichloroethane | 36.4 | 5.0 | " | | 50.8 | | | 33.0 | 50 | |
| 1,1-Dichloroethene | ND | 5.0 | " | | 4.80 | | | | 50 | |
| 1,1-Dichloropropene | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | | ND | | | | 50 | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | | 15.0 | | | | 50 | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | | ND | | | | 50 | |
| 1,2-Dibromoethane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2-Dichloroethane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2-Dichloropropane | ND | 10 | " | | ND | | | | 50 | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | | ND | | | | 50 | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| 1,3-Dichloropropane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| 2,2-Dichloropropane | ND | 20 | " | | ND | | | | 50 | |
| 2-Chlorotoluene | ND | 5.0 | " | | ND | | | | 50 | |
| 4-Chlorotoluene | ND | 5.0 | " | | ND | | | | 50 | |
| Benzene | 8.40 | 5.0 | " | | 12.2 | | | 36.9 | 50 | |
| Bromobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| Bromochloromethane | ND | 90 | " | | ND | | | | 50 | |
| Bromodichloromethane | 30.6 | 5.0 | " | | 44.6 | | | 37.2 | 50 | |
| Bromoform | ND | 5.0 | " | | ND | | | | 50 | |
| Bromomethane | ND | 10 | " | | ND | | | | 50 | |
| Carbon disulfide | 12.6 | 5.0 | " | | 20.6 | | | 48.2 | 50 | |
| Carbon tetrachloride | ND | 20 | " | | ND | | | | 50 | |
| Chlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:12 |

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2401 - Volatiles** | | | | | | | | | | |
| **Duplicate (30I2401-DUP1)** | **Source: 3I02401-02** | | Prepared & Analyzed: 09/24/20 | | | | | | | |
| Chloroethane | ND | 5.0 | ug/m³ | | ND | | | | 50 | |
| Chloroform | 50.8 | 5.0 | " | | 66.6 | | | 26.9 | 50 | |
| Chloromethane | ND | 10 | " | | ND | | | | 50 | |
| cis-1,2-Dichloroethene | 55.2 | 10 | " | | 70.2 | | | 23.9 | 50 | |
| cis-1,3-Dichloropropene | ND | 20 | " | | ND | | | | 50 | |
| Dibromochloromethane | ND | 5.0 | " | | 38.4 | | | | 50 | |
| Dibromomethane | ND | 5.0 | " | | ND | | | | 50 | |
| Dichlorodifluoromethane | ND | 5.0 | " | | ND | | | | 50 | |
| Ethylbenzene | ND | 10 | " | | 10.4 | | | | 50 | |
| Hexachlorobutadiene | ND | 20 | " | | ND | | | | 50 | |
| Isopropylbenzene | ND | 5.0 | " | | ND | | | | 50 | |
| meta- and para-Xylenes | 9.00 | 5.0 | " | | 25.6 | | | 96.0 | 50 | QR-04 |
| Methylene Chloride | ND | 5.0 | " | | ND | | | | 50 | |
| Naphthalene | ND | 5.0 | " | | ND | | | | 50 | |
| n-Butylbenzene | ND | 5.0 | " | | ND | | | | 50 | |
| n-Propylbenzene | ND | 5.0 | " | | ND | | | | 50 | |
| ortho-Xylene | ND | 5.0 | " | | 7.60 | | | | 50 | |
| p-Isopropyltoluene | 29.4 | 10 | " | | 41.8 | | | 34.8 | 50 | |
| sec-Butylbenzene | ND | 5.0 | " | | ND | | | | 50 | |
| Styrene | ND | 5.0 | " | | ND | | | | 50 | |
| tert-Butylbenzene | ND | 5.0 | " | | ND | | | | 50 | |
| Tetrachloroethene | 7220 | 5.0 | " | | 10200 | | | 34.5 | 50 | |
| Toluene | 33.0 | 5.0 | " | | 54.0 | | | 48.3 | 50 | QR-04 |
| trans-1,2-Dichloroethene | 12.4 | 10 | " | | 20.6 | | | 49.7 | 50 | |
| trans-1,3-Dichloropropene | ND | 20 | " | | ND | | | | 50 | |
| Trichloroethene | 1160 | 5.0 | " | | 1640 | | | 34.2 | 50 | |
| Trichlorofluoromethane | ND | 5.0 | " | | ND | | | | 50 | |
| Vinyl Chloride | ND | 5.0 | " | | 7.20 | | | | 50 | |
| 2-Propanol | ND | 2500 | " | | ND | | | | 200 | |
| *Surrogate: Dibromofluoromethane* | *2520* | | *"* | *2500* | | *101* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *2640* | | *"* | *2500* | | *106* | *75-125* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2300* | | *"* | *2500* | | *92.0* | *75-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

## Notes and Definitions

| | |
|---|---|
| QR-04 | The RPD result for this analyte in the sample exceeded the QC control limits; however, the RPD for other analytes were within the QC control limits. |
| J | Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

September 28, 2020

Vanessa Layne
EEC Environmental
1 City Boulevard West  Suite 1800
Orange, CA 92868

RE: 2226 Rosemead Blvd.  South El Monte  CA. 91733

Enclosed are the results of analyses for soil gas samples received by Environmental Support Technologies laboratory on 09/25/20 12:00.  The analyses were performed according to the prescribed method as outlined by EPA 8260B. A shut in test was performed, leak test was performed, equipment blank was run, and selected purge volume was 3PV.  If you have any questions concerning this report, please feel free to contact Project Manager.

Sincerely,

Ashley Flores

Ashley Flores
Project Manager

Environmental Support Technologies laboratories are certified by the California Department of Health Services (CDHS), Environmental Laboratory Accreditation Program (ELAP) No's. 2772, 2773, and 2767.

8 Goodyear, Suite 125, Irvine, California 92618
Telephone: (949) 679-9500  Fax: (949) 679-9501

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Analyzed |
|---|---|---|---|---|
| Equipment Blank | 3I02501-01 | Air | 25-Sep-20 06:35 | 25-Sep-20 06:52 |
| HP-4-5SV | 3I02501-02 | Air | 25-Sep-20 07:05 | 25-Sep-20 07:19 |
| HP-4-15SV | 3I02501-03 | Air | 25-Sep-20 08:50 | 25-Sep-20 09:06 |
| HP-4-15SV-DUP | 3I02501-04 | Air | 25-Sep-20 09:20 | 25-Sep-20 09:33 |
| HP-4-30SV | 3I02501-05 | Air | 25-Sep-20 09:45 | 25-Sep-20 10:00 |
| HP-4-40SV | 3I02501-06 | Air | 25-Sep-20 10:15 | 25-Sep-20 10:27 |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

8 Goodyear, Suite 125, Irvine, California 92618
Telephone: (949) 679-9500 Fax: (949) 679-9501

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Equipment Blank (3I02501-01) Air** | **Sampled: 09/25/20 06:35** | | **Analyzed: 09/25/20 06:52** | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloro-trifluoroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloroethene | ND | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| Benzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| Chloroform | ND | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Equipment Blank (3I02501-01) Air** | **Sampled: 09/25/20 06:35** | | **Analyzed: 09/25/20 06:52** | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| Isopropylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| meta- and para-Xylenes | ND | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| n-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| n-Propylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| ortho-Xylene | ND | 5.0 | " | " | " | " | " | " | |
| p-Isopropyltoluene | ND | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Styrene | ND | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| Tetrachloroethene | ND | 5.0 | " | " | " | " | " | " | |
| Toluene | ND | 5.0 | " | " | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| Trichloroethene | ND | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| Vinyl Chloride | ND | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *100 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *105 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *88.0 %* | *75-125* | | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-5SV (3I02501-02) Air Sampled: 09/25/20 07:05 Analyzed: 09/25/20 07:19** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloro-trifluoroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **6300** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **35** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **5200** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2-Dichloroethane** | **350** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| **1,3,5-Trimethylbenzene** | **1900** | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **1800** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| **Carbon disulfide** | **63** | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroethane** | **1800** | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **33** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **5600** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-5SV (3I02501-02) Air Sampled: 09/25/20 07:05 Analyzed: 09/25/20 07:19** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **15000** | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| **Isopropylbenzene** | **1200** | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **39000** | 5.0 | " | " | " | " | " | " | |
| **Methylene Chloride** | **180** | 5.0 | " | " | " | " | " | " | |
| **Naphthalene** | **52** | 5.0 | " | " | " | " | " | " | |
| **n-Butylbenzene** | **190** | 5.0 | " | " | " | " | " | " | |
| **n-Propylbenzene** | **1400** | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **24000** | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **240** | 10 | " | " | " | " | " | " | |
| **sec-Butylbenzene** | **380** | 5.0 | " | " | " | " | " | " | |
| **Styrene** | **1100** | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **5900** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **37000** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **230** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **2200** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **17000** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *93.6 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *111 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *98.4 %* | | *75-125* | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-15SV (3I02501-03) Air Sampled: 09/25/20 08:50 Analyzed: 09/25/20 09:06** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloro-trifluoroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1700** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **15** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **310** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2-Dichloroethane** | **21** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| **1,3,5-Trimethylbenzene** | **92** | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **30** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| **Bromodichloromethane** | **35** | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **14** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **310** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-15SV (3I02501-03) Air Sampled: 09/25/20 08:50 Analyzed: 09/25/20 09:06** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **440** | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| **Isopropylbenzene** | **30** | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **2000** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| **n-Butylbenzene** | **14** | 5.0 | " | " | " | " | " | " | |
| **n-Propylbenzene** | **43** | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **960** | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **16** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Styrene** | **38** | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **180** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **2800** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **19** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **84** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **550** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *119 %* | | *75-125* | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *95.2 %* | | *75-125* | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *94.4 %* | | *75-125* | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-15SV-DUP (3I02501-04) Air** | **Sampled: 09/25/20 09:20** | | **Analyzed: 09/25/20 09:33** | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **13** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2000** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **17** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **180** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2-Dichloroethane** | **20** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| **1,3,5-Trimethylbenzene** | **54** | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **26** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| **Bromodichloromethane** | **39** | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **12** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **320** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-15SV-DUP (3I02501-04) Air** | **Sampled: 09/25/20 09:20** | | **Analyzed: 09/25/20 09:33** | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **200** | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| **Isopropylbenzene** | **20** | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **1000** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| **n-Butylbenzene** | **12** | 5.0 | " | " | " | " | " | " | |
| **n-Propylbenzene** | **26** | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **440** | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **12** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Styrene** | **15** | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **220** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **1400** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **12** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **100** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **740** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *110 %* | *75-125* | | " | " | " | " | |
| *Surrogate: Toluene-d8* | | *101 %* | *75-125* | | " | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *90.4 %* | *75-125* | | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-30SV (3I02501-05) Air Sampled: 09/25/20 09:45 Analyzed: 09/25/20 10:00** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **18** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **2000** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **49** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **120** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2-Dichloroethane** | **19** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| **1,3,5-Trimethylbenzene** | **32** | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **7.8** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| Carbon disulfide | ND | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **Chloroform** | **13** | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **2100** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-30SV (3I02501-05) Air Sampled: 09/25/20 09:45 Analyzed: 09/25/20 10:00** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **180** | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| **Isopropylbenzene** | **14** | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **850** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| **n-Butylbenzene** | **6.8** | 5.0 | " | " | " | " | " | " | |
| **n-Propylbenzene** | **18** | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **320** | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **7.6** | 10 | " | " | " | " | " | " | J |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Styrene** | **14** | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **93** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **1400** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **34** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **160** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **610** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *96.8 %* | | *75-125* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *109 %* | | *75-125* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *87.2 %* | | *75-125* | | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-40SV (3I02501-06) Air Sampled: 09/25/20 10:15 Analyzed: 09/25/20 10:27** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | " | " | " | " | " | |
| **1,1,2-Trichloro-trifluoroethane** | **13** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethane** | **1600** | 5.0 | " | " | " | " | " | " | |
| **1,1-Dichloroethene** | **53** | 5.0 | " | " | " | " | " | " | |
| 1,1-Dichloropropene | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | " | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2,4-Trimethylbenzene** | **170** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | " | " | " | " | " | |
| 1,2-Dibromoethane | ND | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| **1,2-Dichloroethane** | **7.8** | 5.0 | " | " | " | " | " | " | |
| 1,2-Dichloropropane | ND | 10 | " | " | " | " | " | " | |
| **1,3,5-Trimethylbenzene** | **61** | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 1,3-Dichloropropane | ND | 5.0 | " | " | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| 2,2-Dichloropropane | ND | 20 | " | " | " | " | " | " | |
| 2-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| 4-Chlorotoluene | ND | 5.0 | " | " | " | " | " | " | |
| **Benzene** | **7.0** | 5.0 | " | " | " | " | " | " | |
| Bromobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Bromochloromethane | ND | 90 | " | " | " | " | " | " | |
| Bromodichloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Bromoform | ND | 5.0 | " | " | " | " | " | " | |
| Bromomethane | ND | 10 | " | " | " | " | " | " | |
| **Carbon disulfide** | **45** | 5.0 | " | " | " | " | " | " | |
| Carbon tetrachloride | ND | 20 | " | " | " | " | " | " | |
| Chlorobenzene | ND | 5.0 | " | " | " | " | " | " | |
| Chloroethane | ND | 5.0 | " | " | " | " | " | " | |
| Chloroform | ND | 5.0 | " | " | " | " | " | " | |
| Chloromethane | ND | 10 | " | " | " | " | " | " | |
| **cis-1,2-Dichloroethene** | **2700** | 10 | " | " | " | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

## Volatile Organic Compounds

## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **HP-4-40SV (3I02501-06) Air Sampled: 09/25/20 10:15 Analyzed: 09/25/20 10:27** | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | ug/m³ | 1 | 30I2501 | 09/25/20 | 09/25/20 | EPA 8260B | |
| Dibromochloromethane | ND | 5.0 | " | " | " | " | " | " | |
| Dibromomethane | ND | 5.0 | " | " | " | " | " | " | |
| Dichlorodifluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Ethylbenzene** | **350** | 10 | " | " | " | " | " | " | |
| Hexachlorobutadiene | ND | 20 | " | " | " | " | " | " | |
| **Isopropylbenzene** | **33** | 5.0 | " | " | " | " | " | " | |
| **meta- and para-Xylenes** | **1700** | 5.0 | " | " | " | " | " | " | |
| Methylene Chloride | ND | 5.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 5.0 | " | " | " | " | " | " | |
| **n-Butylbenzene** | **14** | 5.0 | " | " | " | " | " | " | |
| **n-Propylbenzene** | **38** | 5.0 | " | " | " | " | " | " | |
| **ortho-Xylene** | **700** | 5.0 | " | " | " | " | " | " | |
| **p-Isopropyltoluene** | **14** | 10 | " | " | " | " | " | " | |
| sec-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Styrene** | **23** | 5.0 | " | " | " | " | " | " | |
| tert-Butylbenzene | ND | 5.0 | " | " | " | " | " | " | |
| **Tetrachloroethene** | **190** | 5.0 | " | " | " | " | " | " | |
| **Toluene** | **3100** | 5.0 | " | " | " | " | " | " | |
| **trans-1,2-Dichloroethene** | **50** | 10 | " | " | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 20 | " | " | " | " | " | " | |
| **Trichloroethene** | **170** | 5.0 | " | " | " | " | " | " | |
| Trichlorofluoromethane | ND | 5.0 | " | " | " | " | " | " | |
| **Vinyl Chloride** | **670** | 5.0 | " | " | " | " | " | " | |
| 2-Propanol | ND | 2500 | " | " | " | " | " | " | |
| *Surrogate: Dibromofluoromethane* | | *96.0 %* | | *75-125* | | " | " | " | |
| *Surrogate: Toluene-d8* | | *107 %* | | *75-125* | | " | " | " | |
| *Surrogate: 4-Bromofluorobenzene* | | *88.8 %* | | *75-125* | | " | " | " | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2501 - Volatiles** | | | | | | | | | | |
| **Blank (30I2501-BLK1)** | | | | Prepared & Analyzed: 09/25/20 | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | | | | | | | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | | | | | | | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | | | | | | | |
| 1,1,2-Trichloro-trifluoroethane | ND | 5.0 | " | | | | | | | |
| 1,1-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,1-Dichloroethene | ND | 5.0 | " | | | | | | | |
| 1,1-Dichloropropene | ND | 5.0 | " | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | | | | | | | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | " | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | | | | | | | |
| 1,2-Dibromoethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 5.0 | " | | | | | | | |
| 1,2-Dichloropropane | ND | 10 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | " | | | | | | | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | | | | | | | |
| 1,3-Dichloropropane | ND | 5.0 | " | | | | | | | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | | | | | | | |
| 2,2-Dichloropropane | ND | 20 | " | | | | | | | |
| 2-Chlorotoluene | ND | 5.0 | " | | | | | | | |
| 4-Chlorotoluene | ND | 5.0 | " | | | | | | | |
| Benzene | ND | 5.0 | " | | | | | | | |
| Bromobenzene | ND | 5.0 | " | | | | | | | |
| Bromochloromethane | ND | 90 | " | | | | | | | |
| Bromodichloromethane | ND | 5.0 | " | | | | | | | |
| Bromoform | ND | 5.0 | " | | | | | | | |
| Bromomethane | ND | 10 | " | | | | | | | |
| Carbon disulfide | ND | 5.0 | " | | | | | | | |
| Carbon tetrachloride | ND | 20 | " | | | | | | | |
| Chlorobenzene | ND | 5.0 | " | | | | | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2501 - Volatiles** | | | | | | | | | | |
| **Blank (30I2501-BLK1)** | | | | Prepared & Analyzed: 09/25/20 | | | | | | |
| Chloroethane | ND | 5.0 | ug/m³ | | | | | | | |
| Chloroform | ND | 5.0 | " | | | | | | | |
| Chloromethane | ND | 10 | " | | | | | | | |
| cis-1,2-Dichloroethene | ND | 10 | " | | | | | | | |
| cis-1,3-Dichloropropene | ND | 20 | " | | | | | | | |
| Dibromochloromethane | ND | 5.0 | " | | | | | | | |
| Dibromomethane | ND | 5.0 | " | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | " | | | | | | | |
| Ethylbenzene | ND | 10 | " | | | | | | | |
| Hexachlorobutadiene | ND | 20 | " | | | | | | | |
| Isopropylbenzene | ND | 5.0 | " | | | | | | | |
| meta- and para-Xylenes | ND | 5.0 | " | | | | | | | |
| Methylene Chloride | ND | 5.0 | " | | | | | | | |
| Naphthalene | ND | 5.0 | " | | | | | | | |
| n-Butylbenzene | ND | 5.0 | " | | | | | | | |
| n-Propylbenzene | ND | 5.0 | " | | | | | | | |
| ortho-Xylene | ND | 5.0 | " | | | | | | | |
| p-Isopropyltoluene | ND | 10 | " | | | | | | | |
| sec-Butylbenzene | ND | 5.0 | " | | | | | | | |
| Styrene | ND | 5.0 | " | | | | | | | |
| tert-Butylbenzene | ND | 5.0 | " | | | | | | | |
| Tetrachloroethene | ND | 5.0 | " | | | | | | | |
| Toluene | ND | 5.0 | " | | | | | | | |
| trans-1,2-Dichloroethene | ND | 10 | " | | | | | | | |
| trans-1,3-Dichloropropene | ND | 20 | " | | | | | | | |
| Trichloroethene | ND | 5.0 | " | | | | | | | |
| Trichlorofluoromethane | ND | 5.0 | " | | | | | | | |
| Vinyl Chloride | ND | 5.0 | " | | | | | | | |
| 2-Propanol | ND | 2500 | " | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *2500* | | *"* | *2500* | | *100* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *2700* | | *"* | *2500* | | *108* | *75-125* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2220* | | *"* | *2500* | | *88.8* | *75-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2501 - Volatiles** | | | | | | | | | | |
| **LCS (30I2501-BS1)** | | | | Prepared & Analyzed: 09/25/20 | | | | | | |
| 1,1,1,2-Tetrachloroethane | 460 | 5.0 | ug/m³ | 500 | | 92.0 | 75-136 | | | |
| 1,1,1-Trichloroethane | 540 | 5.0 | " | 500 | | 108 | 73-134 | | | |
| 1,1,2,2-Tetrachloroethane | 560 | 5.0 | " | 500 | | 112 | 56-149 | | | |
| 1,1,2-Trichloroethane | 550 | 5.0 | " | 500 | | 110 | 67-137 | | | |
| 1,1,2-Trichloro-trifluoroethane | 500 | 5.0 | " | 500 | | 100 | 83-125 | | | |
| 1,1-Dichloroethane | 530 | 5.0 | " | 500 | | 106 | 80-121 | | | |
| 1,1-Dichloroethene | 560 | 5.0 | " | 500 | | 112 | 73-137 | | | |
| 1,1-Dichloropropene | 540 | 5.0 | " | 500 | | 108 | 77-122 | | | |
| 1,2,3-Trichlorobenzene | 480 | 10 | " | 500 | | 96.0 | 67-133 | | | |
| 1,2,3-Trichloropropane | 510 | 5.0 | " | 500 | | 102 | 56-145 | | | |
| 1,2,4-Trichlorobenzene | 500 | 5.0 | " | 500 | | 100 | 71-135 | | | |
| 1,2,4-Trimethylbenzene | 510 | 5.0 | " | 500 | | 102 | 76-140 | | | |
| 1,2-Dibromo-3-chloropropane | 550 | 45 | " | 500 | | 110 | 43-158 | | | |
| 1,2-Dibromoethane | 560 | 5.0 | " | 500 | | 112 | 80-130 | | | |
| 1,2-Dichlorobenzene | 540 | 5.0 | " | 500 | | 108 | 67-139 | | | |
| 1,2-Dichloroethane | 490 | 5.0 | " | 500 | | 98.0 | 75-131 | | | |
| 1,2-Dichloropropane | 490 | 10 | " | 500 | | 98.0 | 62-144 | | | |
| 1,3,5-Trimethylbenzene | 520 | 5.0 | " | 500 | | 104 | 78-125 | | | |
| 1,3-Dichlorobenzene | 520 | 5.0 | " | 500 | | 104 | 82-120 | | | |
| 1,3-Dichloropropane | 540 | 5.0 | " | 500 | | 108 | 61-145 | | | |
| 1,4-Dichlorobenzene | 550 | 5.0 | " | 500 | | 110 | 84-120 | | | |
| 2,2-Dichloropropane | 450 | 20 | " | 500 | | 90.0 | 68-134 | | | |
| 2-Chlorotoluene | 550 | 5.0 | " | 500 | | 110 | 65-127 | | | |
| 4-Chlorotoluene | 480 | 5.0 | " | 500 | | 96.0 | 65-127 | | | |
| Benzene | 500 | 5.0 | " | 500 | | 100 | 79-118 | | | |
| Bromobenzene | 550 | 5.0 | " | 500 | | 110 | 69-140 | | | |
| Bromochloromethane | 550 | 90 | " | 500 | | 110 | 61-141 | | | |
| Bromodichloromethane | 470 | 5.0 | " | 500 | | 94.0 | 67-137 | | | |
| Bromoform | 480 | 5.0 | " | 500 | | 96.0 | 57-152 | | | |
| Bromomethane | 510 | 10 | " | 500 | | 102 | 51-148 | | | |
| Carbon disulfide | 550 | 5.0 | " | 500 | | 110 | 61-140 | | | |
| Carbon tetrachloride | 480 | 20 | " | 500 | | 96.0 | 74-143 | | | |
| Chlorobenzene | 560 | 5.0 | " | 500 | | 112 | 67-140 | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2501 - Volatiles** | | | | | | | | | | |
| **LCS (30I2501-BS1)** | | | | Prepared & Analyzed: 09/25/20 | | | | | | |
| Chloroethane | 540 | 5.0 | ug/m³ | 500 | | 108 | 60-137 | | | |
| Chloroform | 490 | 5.0 | " | 500 | | 98.0 | 82-140 | | | |
| Chloromethane | 520 | 10 | " | 500 | | 104 | 58-139 | | | |
| cis-1,2-Dichloroethene | 560 | 10 | " | 500 | | 112 | 85-116 | | | |
| cis-1,3-Dichloropropene | 480 | 20 | " | 500 | | 96.0 | 66-142 | | | |
| Dibromochloromethane | 450 | 5.0 | " | 500 | | 90.0 | 61-140 | | | |
| Dibromomethane | 470 | 5.0 | " | 500 | | 94.0 | 66-143 | | | |
| Dichlorodifluoromethane | 540 | 5.0 | " | 500 | | 108 | 47-129 | | | |
| Ethylbenzene | 530 | 10 | " | 500 | | 106 | 70-125 | | | |
| Hexachlorobutadiene | 570 | 20 | " | 500 | | 114 | 71-145 | | | |
| Isopropylbenzene | 480 | 5.0 | " | 500 | | 96.0 | 85-116 | | | |
| meta- and para-Xylenes | 1020 | 5.0 | " | 1000 | | 102 | 83-115 | | | |
| Methylene Chloride | 540 | 5.0 | " | 500 | | 108 | 81-126 | | | |
| Naphthalene | 570 | 5.0 | " | 500 | | 114 | 56-140 | | | |
| n-Butylbenzene | 540 | 5.0 | " | 500 | | 108 | 60-149 | | | |
| n-Propylbenzene | 490 | 5.0 | " | 500 | | 98.0 | 77-129 | | | |
| ortho-Xylene | 530 | 5.0 | " | 500 | | 106 | 85-115 | | | |
| p-Isopropyltoluene | 520 | 10 | " | 500 | | 104 | 63-144 | | | |
| sec-Butylbenzene | 520 | 5.0 | " | 500 | | 104 | 68-128 | | | |
| Styrene | 560 | 5.0 | " | 500 | | 112 | 65-142 | | | |
| tert-Butylbenzene | 580 | 5.0 | " | 500 | | 116 | 60-128 | | | |
| Tetrachloroethene | 520 | 5.0 | " | 500 | | 104 | 60-144 | | | |
| Toluene | 540 | 5.0 | " | 500 | | 108 | 70-115 | | | |
| trans-1,2-Dichloroethene | 520 | 10 | " | 500 | | 104 | 72-133 | | | |
| trans-1,3-Dichloropropene | 480 | 20 | " | 500 | | 96.0 | 68-140 | | | |
| Trichloroethene | 490 | 5.0 | " | 500 | | 98.0 | 68-132 | | | |
| Trichlorofluoromethane | 510 | 5.0 | " | 500 | | 102 | 62-144 | | | |
| Vinyl Chloride | 560 | 5.0 | " | 500 | | 112 | 66-137 | | | |
| *Surrogate: Dibromofluoromethane* | *12500* | | *"* | *12500* | | *100* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *12600* | | *"* | *12500* | | *101* | *75-125* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *12100* | | *"* | *12500* | | *96.8* | *75-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

EEC Environmental
1 City Boulevard West Suite 1800
Orange, CA 92868

Project: 2226 Rosemead Blvd. South El Monte CA. 91733
Project Number: EST3286
Project Manager: Vanessa Layne

**Reported:**
28-Sep-20 15:16

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2501 - Volatiles** | | | | | | | | | | |
| **Duplicate (30I2501-DUP1)** | | **Source: 3I02501-02** | | Prepared & Analyzed: 09/25/20 | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/m³ | | ND | | | | 50 | |
| 1,1,1-Trichloroethane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,1,2-Trichloroethane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,1,2-Trichloro-trifluoroethane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,1-Dichloroethane | 5980 | 5.0 | " | | 6260 | | | 4.62 | 50 | |
| 1,1-Dichloroethene | 36.4 | 5.0 | " | | 35.0 | | | 3.92 | 50 | |
| 1,1-Dichloropropene | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2,3-Trichlorobenzene | ND | 10 | " | | ND | | | | 50 | |
| 1,2,3-Trichloropropane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2,4-Trimethylbenzene | 4990 | 5.0 | " | | 5170 | | | 3.45 | 50 | |
| 1,2-Dibromo-3-chloropropane | ND | 45 | " | | ND | | | | 50 | |
| 1,2-Dibromoethane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2-Dichlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| 1,2-Dichloroethane | 361 | 5.0 | " | | 354 | | | 2.13 | 50 | |
| 1,2-Dichloropropane | ND | 10 | " | | ND | | | | 50 | |
| 1,3,5-Trimethylbenzene | 1740 | 5.0 | " | | 1900 | | | 9.11 | 50 | |
| 1,3-Dichlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| 1,3-Dichloropropane | ND | 5.0 | " | | ND | | | | 50 | |
| 1,4-Dichlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| 2,2-Dichloropropane | ND | 20 | " | | ND | | | | 50 | |
| 2-Chlorotoluene | ND | 5.0 | " | | ND | | | | 50 | |
| 4-Chlorotoluene | ND | 5.0 | " | | ND | | | | 50 | |
| Benzene | 1790 | 5.0 | " | | 1830 | | | 2.15 | 50 | |
| Bromobenzene | ND | 5.0 | " | | ND | | | | 50 | |
| Bromochloromethane | ND | 90 | " | | ND | | | | 50 | |
| Bromodichloromethane | ND | 5.0 | " | | ND | | | | 50 | |
| Bromoform | ND | 5.0 | " | | ND | | | | 50 | |
| Bromomethane | ND | 10 | " | | ND | | | | 50 | |
| Carbon disulfide | 52.6 | 5.0 | " | | 62.6 | | | 17.4 | 50 | |
| Carbon tetrachloride | ND | 20 | " | | ND | | | | 50 | |
| Chlorobenzene | ND | 5.0 | " | | ND | | | | 50 | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

| | | |
|---|---|---|
| EEC Environmental | Project: 2226 Rosemead Blvd. South El Monte CA. 91733 | |
| 1 City Boulevard West Suite 1800 | Project Number: EST3286 | **Reported:** |
| Orange, CA 92868 | Project Manager: Vanessa Layne | 28-Sep-20 15:16 |

# Volatile Organic Compounds - Quality Control
## Environmental Support Technologies

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch 30I2501 - Volatiles** | | | | | | | | | | |
| **Duplicate (30I2501-DUP1)** | **Source: 3I02501-02** | | Prepared & Analyzed: 09/25/20 | | | | | | | |
| Chloroethane | 1520 | 5.0 | ug/m³ | | 1770 | | | 15.1 | 50 | |
| Chloroform | 27.8 | 5.0 | " | | 32.8 | | | 16.5 | 50 | |
| Chloromethane | ND | 10 | " | | ND | | | | 50 | |
| cis-1,2-Dichloroethene | 5400 | 10 | " | | 5580 | | | 3.17 | 50 | |
| cis-1,3-Dichloropropene | ND | 20 | " | | ND | | | | 50 | |
| Dibromochloromethane | ND | 5.0 | " | | ND | | | | 50 | |
| Dibromomethane | ND | 5.0 | " | | ND | | | | 50 | |
| Dichlorodifluoromethane | ND | 5.0 | " | | ND | | | | 50 | |
| Ethylbenzene | 16700 | 10 | " | | 14800 | | | 12.3 | 50 | |
| Hexachlorobutadiene | ND | 20 | " | | ND | | | | 50 | |
| Isopropylbenzene | 1060 | 5.0 | " | | 1160 | | | 8.67 | 50 | |
| meta- and para-Xylenes | 44400 | 5.0 | " | | 39000 | | | 12.9 | 50 | |
| Methylene Chloride | 172 | 5.0 | " | | 176 | | | 2.42 | 50 | |
| Naphthalene | 67.8 | 5.0 | " | | 51.8 | | | 26.8 | 50 | |
| n-Butylbenzene | 177 | 5.0 | " | | 194 | | | 9.07 | 50 | |
| n-Propylbenzene | 1290 | 5.0 | " | | 1420 | | | 9.75 | 50 | |
| ortho-Xylene | 25800 | 5.0 | " | | 24000 | | | 7.14 | 50 | |
| p-Isopropyltoluene | 260 | 10 | " | | 244 | | | 6.34 | 50 | |
| sec-Butylbenzene | ND | 5.0 | " | | 385 | | | | 50 | |
| Styrene | 1120 | 5.0 | " | | 1070 | | | 5.01 | 50 | |
| tert-Butylbenzene | ND | 5.0 | " | | ND | | | | 50 | |
| Tetrachloroethene | 5030 | 5.0 | " | | 5870 | | | 15.4 | 50 | |
| Toluene | 42700 | 5.0 | " | | 36700 | | | 15.1 | 50 | |
| trans-1,2-Dichloroethene | 217 | 10 | " | | 231 | | | 6.51 | 50 | |
| trans-1,3-Dichloropropene | ND | 20 | " | | ND | | | | 50 | |
| Trichloroethene | 1990 | 5.0 | " | | 2230 | | | 11.3 | 50 | |
| Trichlorofluoromethane | ND | 5.0 | " | | ND | | | | 50 | |
| Vinyl Chloride | 14700 | 5.0 | " | | 16700 | | | 12.8 | 50 | |
| 2-Propanol | ND | 2500 | " | | ND | | | | 200 | |
| *Surrogate: Dibromofluoromethane* | *2500* | | *"* | *2500* | | *100* | *75-125* | | | |
| *Surrogate: Toluene-d8* | *2720* | | *"* | *2500* | | *109* | *75-125* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *2420* | | *"* | *2500* | | *96.8* | *75-125* | | | |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

## Notes and Definitions

| | |
|---|---|
| J | Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*